



API Reference

AWS End User Messaging SMS



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AWS End User Messaging SMS: API Reference

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Table of Contents

Welcome	1
Actions	2
AssociateOriginationIdentity	6
Request Syntax	6
Request Parameters	6
Response Syntax	8
Response Elements	8
Errors	9
See Also	11
AssociateProtectConfiguration	12
Request Syntax	12
Request Parameters	12
Response Syntax	13
Response Elements	13
Errors	14
See Also	15
CarrierLookup	17
Request Syntax	17
Request Parameters	17
Response Syntax	17
Response Elements	18
Errors	19
Examples	21
See Also	21
CreateConfigurationSet	23
Request Syntax	23
Request Parameters	23
Response Syntax	24
Response Elements	24
Errors	25
See Also	27
CreateEventDestination	28
Request Syntax	28
Request Parameters	28

Response Syntax	31
Response Elements	31
Errors	32
See Also	34
CreateNotifyConfiguration	35
Request Syntax	35
Request Parameters	35
Response Syntax	38
Response Elements	38
Errors	41
See Also	43
CreateOptOutList	44
Request Syntax	44
Request Parameters	44
Response Syntax	45
Response Elements	45
Errors	46
See Also	48
CreatePool	49
Request Syntax	49
Request Parameters	49
Response Syntax	51
Response Elements	52
Errors	54
See Also	56
CreateProtectConfiguration	58
Request Syntax	58
Request Parameters	58
Response Syntax	59
Response Elements	59
Errors	60
See Also	62
CreateRcsAgent	63
Request Syntax	63
Request Parameters	63
Response Syntax	64

Response Elements	65
Errors	67
See Also	68
CreateRegistration	70
Request Syntax	70
Request Parameters	70
Response Syntax	71
Response Elements	71
Errors	73
See Also	75
CreateRegistrationAssociation	76
Request Syntax	76
Request Parameters	76
Response Syntax	77
Response Elements	77
Errors	78
See Also	80
CreateRegistrationAttachment	82
Request Syntax	82
Request Parameters	82
Response Syntax	83
Response Elements	84
Errors	85
See Also	86
CreateRegistrationVersion	88
Request Syntax	88
Request Parameters	88
Response Syntax	88
Response Elements	89
Errors	90
See Also	92
CreateVerifiedDestinationNumber	93
Request Syntax	93
Request Parameters	93
Response Syntax	94
Response Elements	95

Errors	96
See Also	98
DeleteAccountDefaultProtectConfiguration	99
Response Syntax	99
Response Elements	99
Errors	99
See Also	101
DeleteConfigurationSet	102
Request Syntax	102
Request Parameters	102
Response Syntax	102
Response Elements	103
Errors	104
See Also	106
DeleteDefaultMessageType	107
Request Syntax	107
Request Parameters	107
Response Syntax	107
Response Elements	108
Errors	108
See Also	110
DeleteDefaultSenderId	111
Request Syntax	111
Request Parameters	111
Response Syntax	111
Response Elements	112
Errors	112
See Also	114
DeleteEventDestination	115
Request Syntax	115
Request Parameters	115
Response Syntax	116
Response Elements	116
Errors	117
See Also	118
DeleteKeyword	119

Request Syntax	119
Request Parameters	119
Response Syntax	120
Response Elements	120
Errors	121
See Also	123
DeleteMediaMessageSpendLimitOverride	124
Response Syntax	124
Response Elements	124
Errors	124
See Also	125
DeleteNotifyConfiguration	127
Request Syntax	127
Request Parameters	127
Response Syntax	127
Response Elements	128
Errors	130
See Also	132
DeleteNotifyMessageSpendLimitOverride	134
Response Syntax	134
Response Elements	134
Errors	134
See Also	135
DeleteOptedOutNumber	137
Request Syntax	137
Request Parameters	137
Response Syntax	138
Response Elements	138
Errors	139
See Also	141
DeleteOptOutList	142
Request Syntax	142
Request Parameters	142
Response Syntax	142
Response Elements	143
Errors	143

See Also	145
DeletePool	146
Request Syntax	146
Request Parameters	146
Response Syntax	147
Response Elements	147
Errors	149
See Also	151
DeleteProtectConfiguration	152
Request Syntax	152
Request Parameters	152
Response Syntax	152
Response Elements	153
Errors	154
See Also	155
DeleteProtectConfigurationRuleSetNumberOverride	157
Request Syntax	157
Request Parameters	157
Response Syntax	158
Response Elements	158
Errors	159
See Also	160
DeleteRcsAgent	162
Request Syntax	162
Request Parameters	162
Response Syntax	162
Response Elements	163
Errors	164
See Also	166
DeleteRegistration	167
Request Syntax	167
Request Parameters	167
Response Syntax	167
Response Elements	168
Errors	170
See Also	171

DeleteRegistrationAttachment	173
Request Syntax	173
Request Parameters	173
Response Syntax	173
Response Elements	173
Errors	174
See Also	176
DeleteRegistrationFieldValue	178
Request Syntax	178
Request Parameters	178
Response Syntax	179
Response Elements	179
Errors	180
See Also	182
DeleteResourcePolicy	183
Request Syntax	183
Request Parameters	183
Response Syntax	183
Response Elements	183
Errors	184
See Also	185
DeleteTextMessageSpendLimitOverride	187
Response Syntax	187
Response Elements	187
Errors	187
See Also	188
DeleteVerifiedDestinationNumber	190
Request Syntax	190
Request Parameters	190
Response Syntax	190
Response Elements	190
Errors	191
See Also	193
DeleteVoiceMessageSpendLimitOverride	194
Response Syntax	194
Response Elements	194

Errors	194
See Also	195
DescribeAccountAttributes	197
Request Syntax	197
Request Parameters	197
Response Syntax	198
Response Elements	198
Errors	198
See Also	199
DescribeAccountLimits	201
Request Syntax	201
Request Parameters	201
Response Syntax	202
Response Elements	202
Errors	202
See Also	203
DescribeConfigurationSets	205
Request Syntax	205
Request Parameters	205
Response Syntax	206
Response Elements	207
Errors	208
See Also	209
DescribeKeywords	210
Request Syntax	210
Request Parameters	210
Response Syntax	212
Response Elements	212
Errors	213
See Also	214
DescribeNotifyConfigurations	216
Request Syntax	216
Request Parameters	216
Response Syntax	217
Response Elements	218
Errors	219

See Also	220
DescribeNotifyTemplates	221
Request Syntax	221
Request Parameters	221
Response Syntax	222
Response Elements	223
Errors	224
See Also	225
DescribeOptedOutNumbers	226
Request Syntax	226
Request Parameters	226
Response Syntax	228
Response Elements	228
Errors	229
See Also	230
DescribeOptOutLists	232
Request Syntax	232
Request Parameters	232
Response Syntax	233
Response Elements	234
Errors	234
See Also	236
DescribePhoneNumbers	237
Request Syntax	237
Request Parameters	237
Response Syntax	239
Response Elements	239
Errors	240
See Also	241
DescribePools	243
Request Syntax	243
Request Parameters	243
Response Syntax	245
Response Elements	245
Errors	246
See Also	247

DescribeProtectConfigurations	248
Request Syntax	248
Request Parameters	248
Response Syntax	249
Response Elements	250
Errors	250
See Also	251
DescribeRcsAgentCountryLaunchStatus	253
Request Syntax	253
Request Parameters	253
Response Syntax	254
Response Elements	255
Errors	256
See Also	257
DescribeRcsAgents	258
Request Syntax	258
Request Parameters	258
Response Syntax	260
Response Elements	260
Errors	261
See Also	262
DescribeRegistrationAttachments	263
Request Syntax	263
Request Parameters	263
Response Syntax	264
Response Elements	265
Errors	265
See Also	266
DescribeRegistrationFieldDefinitions	268
Request Syntax	268
Request Parameters	268
Response Syntax	269
Response Elements	270
Errors	271
See Also	272
DescribeRegistrationFieldValues	274

Request Syntax	274
Request Parameters	274
Response Syntax	276
Response Elements	276
Errors	277
See Also	278
DescribeRegistrations	280
Request Syntax	280
Request Parameters	280
Response Syntax	281
Response Elements	282
Errors	282
See Also	283
DescribeRegistrationSectionDefinitions	285
Request Syntax	285
Request Parameters	285
Response Syntax	286
Response Elements	287
Errors	287
See Also	288
DescribeRegistrationTypeDefinitions	290
Request Syntax	290
Request Parameters	290
Response Syntax	291
Response Elements	292
Errors	292
See Also	293
DescribeRegistrationVersions	295
Request Syntax	295
Request Parameters	295
Response Syntax	296
Response Elements	297
Errors	298
See Also	299
DescribeSenderId	301
Request Syntax	301

Request Parameters	301
Response Syntax	303
Response Elements	303
Errors	304
See Also	305
DescribeSpendLimits	306
Request Syntax	306
Request Parameters	306
Response Syntax	307
Response Elements	307
Errors	307
See Also	308
DescribeVerifiedDestinationNumbers	310
Request Syntax	310
Request Parameters	310
Response Syntax	311
Response Elements	312
Errors	312
See Also	314
DisassociateOriginationIdentity	315
Request Syntax	315
Request Parameters	315
Response Syntax	317
Response Elements	317
Errors	318
See Also	319
DisassociateProtectConfiguration	321
Request Syntax	321
Request Parameters	321
Response Syntax	322
Response Elements	322
Errors	323
See Also	324
DiscardRegistrationVersion	326
Request Syntax	326
Request Parameters	326

Response Syntax	326
Response Elements	327
Errors	328
See Also	330
GetProtectConfigurationCountryRuleSet	331
Request Syntax	331
Request Parameters	331
Response Syntax	331
Response Elements	332
Errors	333
See Also	334
GetResourcePolicy	336
Request Syntax	336
Request Parameters	336
Response Syntax	336
Response Elements	337
Errors	337
See Also	339
ListNotifyCountries	340
Request Syntax	340
Request Parameters	340
Response Syntax	341
Response Elements	342
Errors	342
See Also	343
ListPoolOriginationIdentities	345
Request Syntax	345
Request Parameters	345
Response Syntax	346
Response Elements	347
Errors	348
See Also	349
ListProtectConfigurationRuleSetNumberOverrides	350
Request Syntax	350
Request Parameters	350
Response Syntax	351

Response Elements	352
Errors	353
See Also	354
ListRegistrationAssociations	355
Request Syntax	355
Request Parameters	355
Response Syntax	356
Response Elements	357
Errors	358
See Also	359
ListTagsForResource	360
Request Syntax	360
Request Parameters	360
Response Syntax	360
Response Elements	361
Errors	361
See Also	362
PutKeyword	364
Request Syntax	364
Request Parameters	364
Response Syntax	366
Response Elements	366
Errors	367
See Also	369
PutMessageFeedback	370
Request Syntax	370
Request Parameters	370
Response Syntax	371
Response Elements	371
Errors	371
See Also	373
PutOptedOutNumber	374
Request Syntax	374
Request Parameters	374
Response Syntax	375
Response Elements	375

Errors	376
See Also	377
PutProtectConfigurationRuleSetNumberOverride	379
Request Syntax	379
Request Parameters	379
Response Syntax	380
Response Elements	381
Errors	382
See Also	384
PutRegistrationFieldValue	385
Request Syntax	385
Request Parameters	385
Response Syntax	386
Response Elements	387
Errors	388
See Also	390
PutResourcePolicy	391
Request Syntax	391
Request Parameters	391
Response Syntax	392
Response Elements	392
Errors	392
See Also	394
ReleasePhoneNumber	395
Request Syntax	395
Request Parameters	395
Response Syntax	396
Response Elements	396
Errors	399
See Also	401
ReleaseSenderId	402
Request Syntax	402
Request Parameters	402
Response Syntax	403
Response Elements	403
Errors	404

See Also	406
RequestPhoneNumber	407
Request Syntax	407
Request Parameters	407
Response Syntax	410
Response Elements	411
Errors	415
See Also	416
RequestSenderId	418
Request Syntax	418
Request Parameters	418
Response Syntax	420
Response Elements	420
Errors	422
See Also	423
SendDestinationNumberVerificationCode	425
Request Syntax	425
Request Parameters	425
Response Syntax	427
Response Elements	428
Errors	428
See Also	430
SendMediaMessage	431
Request Syntax	431
Request Parameters	431
Response Syntax	434
Response Elements	435
Errors	435
See Also	437
SendNotifyTextMessage	438
Request Syntax	438
Request Parameters	438
Response Syntax	441
Response Elements	441
Errors	441
See Also	443

SendNotifyVoiceMessage	445
Request Syntax	445
Request Parameters	445
Response Syntax	448
Response Elements	448
Errors	449
See Also	451
SendTextMessage	452
Request Syntax	452
Request Parameters	452
Response Syntax	457
Response Elements	457
Errors	457
See Also	459
SendVoiceMessage	460
Request Syntax	460
Request Parameters	460
Response Syntax	464
Response Elements	464
Errors	464
See Also	466
SetAccountDefaultProtectConfiguration	467
Request Syntax	467
Request Parameters	467
Response Syntax	467
Response Elements	467
Errors	468
See Also	469
SetDefaultMessageFeedbackEnabled	471
Request Syntax	471
Request Parameters	471
Response Syntax	471
Response Elements	472
Errors	472
See Also	474
SetDefaultMessageType	475

Request Syntax	475
Request Parameters	475
Response Syntax	476
Response Elements	476
Errors	476
See Also	478
SetDefaultSenderId	479
Request Syntax	479
Request Parameters	479
Response Syntax	480
Response Elements	480
Errors	481
See Also	482
SetMediaMessageSpendLimitOverride	483
Request Syntax	483
Request Parameters	483
Response Syntax	483
Response Elements	483
Errors	484
See Also	485
SetNotifyMessageSpendLimitOverride	486
Request Syntax	486
Request Parameters	486
Response Syntax	486
Response Elements	486
Errors	487
See Also	488
SetTextMessageSpendLimitOverride	489
Request Syntax	489
Request Parameters	489
Response Syntax	489
Response Elements	489
Errors	490
See Also	491
SetVoiceMessageSpendLimitOverride	492
Request Syntax	492

Request Parameters	492
Response Syntax	492
Response Elements	492
Errors	493
See Also	494
SubmitRegistrationVersion	495
Request Syntax	495
Request Parameters	495
Response Syntax	495
Response Elements	496
Errors	497
See Also	499
TagResource	500
Request Syntax	500
Request Parameters	500
Response Elements	501
Errors	501
See Also	502
UntagResource	504
Request Syntax	504
Request Parameters	504
Response Elements	505
Errors	505
See Also	506
UpdateEventDestination	507
Request Syntax	507
Request Parameters	507
Response Syntax	509
Response Elements	510
Errors	511
See Also	512
UpdateNotifyConfiguration	514
Request Syntax	514
Request Parameters	514
Response Syntax	516
Response Elements	516

Errors	519
See Also	521
UpdatePhoneNumber	522
Request Syntax	522
Request Parameters	522
Response Syntax	524
Response Elements	525
Errors	528
See Also	530
UpdatePool	531
Request Syntax	531
Request Parameters	531
Response Syntax	533
Response Elements	534
Errors	536
See Also	538
UpdateProtectConfiguration	539
Request Syntax	539
Request Parameters	539
Response Syntax	539
Response Elements	540
Errors	541
See Also	542
UpdateProtectConfigurationCountryRuleSet	543
Request Syntax	543
Request Parameters	543
Response Syntax	544
Response Elements	544
Errors	545
See Also	547
UpdateRcsAgent	548
Request Syntax	548
Request Parameters	548
Response Syntax	550
Response Elements	550
Errors	552

See Also	554
UpdateSenderId	555
Request Syntax	555
Request Parameters	555
Response Syntax	556
Response Elements	556
Errors	557
See Also	559
VerifyDestinationNumber	560
Request Syntax	560
Request Parameters	560
Response Syntax	561
Response Elements	561
Errors	562
See Also	563
Data Types	565
AccountAttribute	568
Contents	568
See Also	568
AccountLimit	569
Contents	569
See Also	569
CarrierStatusInformation	571
Contents	571
See Also	571
CloudWatchLogsDestination	572
Contents	572
See Also	572
ConfigurationSetFilter	573
Contents	573
See Also	573
ConfigurationSetInformation	574
Contents	574
See Also	575
CountryLaunchStatusFilter	577
Contents	577

See Also	577
CountryLaunchStatusInformation	578
Contents	578
See Also	579
EventDestination	580
Contents	580
See Also	581
KeywordFilter	583
Contents	583
See Also	583
KeywordInformation	584
Contents	584
See Also	584
KinesisFirehoseDestination	586
Contents	586
See Also	586
NotifyConfigurationFilter	588
Contents	588
See Also	588
NotifyConfigurationInformation	589
Contents	589
See Also	592
NotifyCountryInformation	593
Contents	593
See Also	594
NotifyTemplateFilter	595
Contents	595
See Also	595
NotifyTemplateInformation	596
Contents	596
See Also	599
OptedOutFilter	600
Contents	600
See Also	600
OptedOutNumberInformation	601
Contents	601

See Also	601
OptOutListInformation	603
Contents	603
See Also	603
OriginationIdentityMetadata	605
Contents	605
See Also	606
PhoneNumberFilter	607
Contents	607
See Also	607
PhoneNumberInformation	608
Contents	608
See Also	612
PoolFilter	613
Contents	613
See Also	613
PoolInformation	614
Contents	614
See Also	616
PoolOriginationIdentitiesFilter	618
Contents	618
See Also	618
ProtectConfigurationCountryRuleSetInformation	619
Contents	619
See Also	619
ProtectConfigurationFilter	620
Contents	620
See Also	620
ProtectConfigurationInformation	621
Contents	621
See Also	622
ProtectConfigurationRuleSetNumberOverride	623
Contents	623
See Also	624
ProtectConfigurationRuleSetNumberOverrideFilterItem	625
Contents	625

See Also	625
RcsAgentFilter	626
Contents	626
See Also	626
RcsAgentInformation	627
Contents	627
See Also	629
RegistrationAssociationFilter	630
Contents	630
See Also	630
RegistrationAssociationMetadata	631
Contents	631
See Also	632
RegistrationAttachmentFilter	633
Contents	633
See Also	633
RegistrationAttachmentsInformation	634
Contents	634
See Also	635
RegistrationDeniedReasonInformation	636
Contents	636
See Also	637
RegistrationFieldDefinition	638
Contents	638
See Also	639
RegistrationFieldDisplayHints	640
Contents	640
See Also	641
RegistrationFieldValueInformation	642
Contents	642
See Also	643
RegistrationFilter	644
Contents	644
See Also	644
RegistrationInformation	645
Contents	645

See Also	647
RegistrationSectionDefinition	648
Contents	648
See Also	648
RegistrationSectionDisplayHints	649
Contents	649
See Also	650
RegistrationTypeDefinition	651
Contents	651
See Also	651
RegistrationTypeDisplayHints	653
Contents	653
See Also	654
RegistrationTypeFilter	655
Contents	655
See Also	655
RegistrationVersionFilter	656
Contents	656
See Also	656
RegistrationVersionInformation	657
Contents	657
See Also	658
RegistrationVersionStatusHistory	659
Contents	659
See Also	660
SelectOptionDescription	662
Contents	662
See Also	662
SelectValidation	663
Contents	663
See Also	663
SenderIdAndCountry	664
Contents	664
See Also	664
SenderIdFilter	665
Contents	665

See Also	665
SenderIdInformation	666
Contents	666
See Also	667
SnsDestination	669
Contents	669
See Also	669
SpendLimit	670
Contents	670
See Also	671
SupportedAssociation	672
Contents	672
See Also	673
Tag	674
Contents	674
See Also	674
TemplateVariableMetadata	675
Contents	675
See Also	676
TestingAgentInformation	678
Contents	678
See Also	678
TextValidation	679
Contents	679
See Also	679
ValidationExceptionField	680
Contents	680
See Also	680
VerifiedDestinationNumberFilter	681
Contents	681
See Also	681
VerifiedDestinationNumberInformation	682
Contents	682
See Also	683
Common Parameters	684
Common Error Types	687

Welcome

Welcome to the *AWS End User Messaging SMS, version 2 API Reference*. This guide provides information about AWS End User Messaging SMS, version 2 API resources, including supported HTTP methods, parameters, and schemas.

Amazon Pinpoint is an AWS service that you can use to engage with your recipients across multiple messaging channels. The AWS End User Messaging SMS, version 2 API provides programmatic access to options that are unique to the SMS and voice channels. AWS End User Messaging SMS, version 2 resources such as phone numbers, sender IDs, and opt-out lists can be used by the Amazon Pinpoint API.

If you're new to AWS End User Messaging SMS, it's also helpful to review the [AWS End User Messaging SMS User Guide](#), where you'll find tutorials, code samples, and procedures that demonstrate how to use AWS End User Messaging SMS features programmatically and how to integrate functionality into mobile apps and other types of applications. The guide also provides key information, such as AWS End User Messaging SMS integration with other AWS services, and the quotas that apply to use of the service.

Regional availability

The *AWS End User Messaging SMS version 2 API Reference* is available in several AWS Regions and it provides an endpoint for each of these Regions. For a list of all the Regions and endpoints where the API is currently available, see [AWS Service Endpoints](#) and [Amazon Pinpoint endpoints and quotas](#) in the AWS General Reference. To learn more about AWS Regions, see [Managing AWS Regions](#) in the AWS General Reference.

In each Region, AWS maintains multiple Availability Zones. These Availability Zones are physically isolated from each other, but are united by private, low-latency, high-throughput, and highly redundant network connections. These Availability Zones enable us to provide very high levels of availability and redundancy, while also minimizing latency. To learn more about the number of Availability Zones that are available in each Region, see [AWS Global Infrastructure](#).

This document was last published on April 17, 2026.

Actions

The following actions are supported:

- [AssociateOriginationIdentity](#)
- [AssociateProtectConfiguration](#)
- [CarrierLookup](#)
- [CreateConfigurationSet](#)
- [CreateEventDestination](#)
- [CreateNotifyConfiguration](#)
- [CreateOptOutList](#)
- [CreatePool](#)
- [CreateProtectConfiguration](#)
- [CreateRcsAgent](#)
- [CreateRegistration](#)
- [CreateRegistrationAssociation](#)
- [CreateRegistrationAttachment](#)
- [CreateRegistrationVersion](#)
- [CreateVerifiedDestinationNumber](#)
- [DeleteAccountDefaultProtectConfiguration](#)
- [DeleteConfigurationSet](#)
- [DeleteDefaultMessageType](#)
- [DeleteDefaultSenderId](#)
- [DeleteEventDestination](#)
- [DeleteKeyword](#)
- [DeleteMediaMessageSpendLimitOverride](#)
- [DeleteNotifyConfiguration](#)
- [DeleteNotifyMessageSpendLimitOverride](#)
- [DeleteOptedOutNumber](#)
- [DeleteOptOutList](#)
- [DeletePool](#)

- [DeleteProtectConfiguration](#)
- [DeleteProtectConfigurationRuleSetNumberOverride](#)
- [DeleteRcsAgent](#)
- [DeleteRegistration](#)
- [DeleteRegistrationAttachment](#)
- [DeleteRegistrationFieldValue](#)
- [DeleteResourcePolicy](#)
- [DeleteTextMessageSpendLimitOverride](#)
- [DeleteVerifiedDestinationNumber](#)
- [DeleteVoiceMessageSpendLimitOverride](#)
- [DescribeAccountAttributes](#)
- [DescribeAccountLimits](#)
- [DescribeConfigurationSets](#)
- [DescribeKeywords](#)
- [DescribeNotifyConfigurations](#)
- [DescribeNotifyTemplates](#)
- [DescribeOptedOutNumbers](#)
- [DescribeOptOutLists](#)
- [DescribePhoneNumbers](#)
- [DescribePools](#)
- [DescribeProtectConfigurations](#)
- [DescribeRcsAgentCountryLaunchStatus](#)
- [DescribeRcsAgents](#)
- [DescribeRegistrationAttachments](#)
- [DescribeRegistrationFieldDefinitions](#)
- [DescribeRegistrationFieldValues](#)
- [DescribeRegistrations](#)
- [DescribeRegistrationSectionDefinitions](#)
- [DescribeRegistrationTypeDefinitions](#)
- [DescribeRegistrationVersions](#)

- [DescribeSenderIds](#)
- [DescribeSpendLimits](#)
- [DescribeVerifiedDestinationNumbers](#)
- [DisassociateOriginationIdentity](#)
- [DisassociateProtectConfiguration](#)
- [DiscardRegistrationVersion](#)
- [GetProtectConfigurationCountryRuleSet](#)
- [GetResourcePolicy](#)
- [ListNotifyCountries](#)
- [ListPoolOriginationIdentities](#)
- [ListProtectConfigurationRuleSetNumberOverrides](#)
- [ListRegistrationAssociations](#)
- [ListTagsForResource](#)
- [PutKeyword](#)
- [PutMessageFeedback](#)
- [PutOptedOutNumber](#)
- [PutProtectConfigurationRuleSetNumberOverride](#)
- [PutRegistrationFieldValue](#)
- [PutResourcePolicy](#)
- [ReleasePhoneNumber](#)
- [ReleaseSenderId](#)
- [RequestPhoneNumber](#)
- [RequestSenderId](#)
- [SendDestinationNumberVerificationCode](#)
- [SendMediaMessage](#)
- [SendNotifyTextMessage](#)
- [SendNotifyVoiceMessage](#)
- [SendTextMessage](#)
- [SendVoiceMessage](#)
- [SetAccountDefaultProtectConfiguration](#)

- [SetDefaultMessageFeedbackEnabled](#)
- [SetDefaultMessageType](#)
- [SetDefaultSenderId](#)
- [SetMediaMessageSpendLimitOverride](#)
- [SetNotifyMessageSpendLimitOverride](#)
- [SetTextMessageSpendLimitOverride](#)
- [SetVoiceMessageSpendLimitOverride](#)
- [SubmitRegistrationVersion](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateEventDestination](#)
- [UpdateNotifyConfiguration](#)
- [UpdatePhoneNumber](#)
- [UpdatePool](#)
- [UpdateProtectConfiguration](#)
- [UpdateProtectConfigurationCountryRuleSet](#)
- [UpdateRcsAgent](#)
- [UpdateSenderId](#)
- [VerifyDestinationNumber](#)

AssociateOriginationIdentity

Associates the specified origination identity with a pool.

If the origination identity is a phone number and is already associated with another pool, an error is returned. A sender ID can be associated with multiple pools.

If the origination identity configuration doesn't match the pool's configuration, an error is returned.

Request Syntax

```
{  
  "ClientToken": "string",  
  "IsoCountryCode": "string",  
  "OriginationIdentity": "string",  
  "PoolId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[ClientToken](#)

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [!-~]+

Required: No

[IsoCountryCode](#)

The new two-character code, in ISO 3166-1 alpha-2 format, for the country or region of the origination identity. This field is optional and is not required for origination identity types that are not country-specific, such as RCS agents.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: No

OriginationIdentity

The origination identity to use, such as PhoneNumberId, PhoneNumberArn, SenderId, or SenderIdArn. You can use [DescribePhoneNumbers](#) to find the values for PhoneNumberId and PhoneNumberArn, while [DescribeSenderIds](#) can be used to get the values for SenderId and SenderIdArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

PoolId

The pool to update with the new Identity. This value can be either the PoolId or PoolArn, and you can find these values using [DescribePools](#).

Important

If you are using a shared AWS End User Messaging SMS; resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]*

Required: Yes

Response Syntax

```
{
  "IsoCountryCode": "string",
  "OriginationIdentity": "string",
  "OriginationIdentityArn": "string",
  "PoolArn": "string",
  "PoolId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

OriginationIdentity

The PhoneNumberId or SenderId of the origination identity.

Type: String

OriginationIdentityArn

The PhoneNumberArn or SenderIdArn of the origination identity.

Type: String

PoolArn

The Amazon Resource Name (ARN) of the pool that is now associated with the origination identity.

Type: String

PoolId

The PoolId of the pool that is now associated with the origination identity.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

AssociateProtectConfiguration

Associate a protect configuration with a configuration set. This replaces the configuration sets current protect configuration. A configuration set can only be associated with one protect configuration at a time. A protect configuration can be associated with multiple configuration sets.

Request Syntax

```
{  
  "ConfigurationSetName": "string",  
  "ProtectConfigurationId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ConfigurationSetName

The name of the ConfigurationSet.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "ConfigurationSetArn": "string",  
  "ConfigurationSetName": "string",  
  "ProtectConfigurationArn": "string",  
  "ProtectConfigurationId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[ConfigurationSetArn](#)

The Amazon Resource Name (ARN) of the configuration set.

Type: String

[ConfigurationSetName](#)

The name of the ConfigurationSet.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

[ProtectConfigurationArn](#)

The Amazon Resource Name (ARN) of the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: arn:\S+

[ProtectConfigurationId](#)

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CarrierLookup

Returns information about a destination phone number, including whether the number type and whether it is valid, the carrier, and more.

Request Syntax

```
{  
  "PhoneNumber": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

PhoneNumber

The phone number that you want to retrieve information about. You can provide the phone number in various formats including special characters such as parentheses, brackets, spaces, hyphens, periods, and commas. The service automatically converts the input to E164 format for processing.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 40.

Pattern: \+([(\s\[]?[1-9][0-9(){}\s\[\\], .-]{1,38}

Required: Yes

Response Syntax

```
{  
  "Carrier": "string",  
  "Country": "string",  
  "DialingCountryCode": "string",  
  "E164PhoneNumber": "string",  
  "IsoCountryCode": "string",  
}
```

```
"MCC": "string",  
"MNC": "string",  
"PhoneNumberType": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Carrier

The carrier or service provider that the phone number is currently registered with. In some countries and regions, this value may be the carrier or service provider that the phone number was originally registered with.

Type: String

Country

The name of the country or region for the phone number.

Type: String

DialingCountryCode

The country or region numeric dialing code for the phone number.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 3.

Pattern: `[\d]+`

E164PhoneNumber

The phone number in E164 format, sanitized from the original input by removing any formatting characters.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: `\+[1-9][0-9]{1,18}`

IsoCountryCode

The two-character country or region code, in ISO 3166-1 alpha-2 format, for the phone number.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

MCC

The phone number's mobile country code, for mobile phone number types

Type: String

Length Constraints: Fixed length of 3.

Pattern: [\d]+

MNC

The phone number's mobile network code, for mobile phone number types.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 3.

Pattern: [\d]+

PhoneNumberType

Describes the type of phone number. Valid values are: MOBILE, LANDLINE, OTHER, and INVALID. Avoid sending SMS or voice messages to INVALID phone numbers, as these numbers are unlikely to belong to actual recipients.

Type: String

Valid Values: MOBILE | LANDLINE | OTHER | INVALID

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

Examples

Example

A carrier lookup response for a valid mobile number.

```
{  
  "PhoneNumber": "+1 (555) 555-5333"  
}
```

```
{  
  "Carrier": "ExampleCorp Mobile",  
  "Country": "United States",  
  "IsoCountryCode": "US",  
  "MCC": "111",  
  "MNC": "11",  
  "DialingCountryCode": "1",  
  "E164PhoneNumber": "+15555555333",  
  "PhoneNumberType": "MOBILE"  
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

CreateConfigurationSet

Creates a new configuration set. After you create the configuration set, you can add one or more event destinations to it.

A configuration set is a set of rules that you apply to the SMS and voice messages that you send.

When you send a message, you can optionally specify a single configuration set.

Request Syntax

```
{
  "ClientToken": "string",
  "ConfigurationSetName": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[!-~]+`

Required: No

ConfigurationSetName

The name to use for the new configuration set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Required: Yes

Tags

An array of key and value pair tags that's associated with the new configuration set.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "ConfigurationSetArn": "string",
  "ConfigurationSetName": "string",
  "CreatedTimestamp": number,
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ConfigurationSetArn

The Amazon Resource Name (ARN) of the newly created configuration set.

Type: String

ConfigurationSetName

The name of the new configuration set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

CreatedTimestamp

The time when the configuration set was created, in [UNIX epoch time](#) format.

Type: Timestamp

Tags

An array of key and value pair tags that's associated with the configuration set.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateEventDestination

Creates a new event destination in a configuration set.

An event destination is a location where you send message events. The event options are Amazon CloudWatch, Amazon Data Firehose, or Amazon SNS. For example, when a message is delivered successfully, you can send information about that event to an event destination, or send notifications to endpoints that are subscribed to an Amazon SNS topic.

You can only create one event destination at a time. You must provide a value for a single event destination using either `CloudWatchLogsDestination`, `KinesisFirehoseDestination` or `SnsDestination`. If an event destination isn't provided then an exception is returned.

Each configuration set can contain between 0 and 5 event destinations. Each event destination can contain a reference to a single destination, such as a CloudWatch or Firehose destination.

Request Syntax

```
{
  "ClientToken": "string",
  "CloudWatchLogsDestination": {
    "IamRoleArn": "string",
    "LogGroupArn": "string"
  },
  "ConfigurationSetName": "string",
  "EventDestinationName": "string",
  "KinesisFirehoseDestination": {
    "DeliveryStreamArn": "string",
    "IamRoleArn": "string"
  },
  "MatchingEventTypes": [ "string" ],
  "SnsDestination": {
    "TopicArn": "string"
  }
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [!-~]+

Required: No

CloudWatchLogsDestination

An object that contains information about an event destination for logging to Amazon CloudWatch Logs.

Type: [CloudWatchLogsDestination](#) object

Required: No

ConfigurationSetName

Either the name of the configuration set or the configuration set ARN to apply event logging to. The `ConfigureSetName` and `ConfigurationSetArn` can be found using the [DescribeConfigurationSets](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

EventDestinationName

The name that identifies the event destination.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_-]+`

Required: Yes

KinesisFirehoseDestination

An object that contains information about an event destination for logging to Amazon Data Firehose.

Type: [KinesisFirehoseDestination](#) object

Required: No

MatchingEventTypes

An array of event types that determine which events to log. If "ALL" is used, then AWS End User Messaging SMS logs every event type.

Note

The TEXT_SENT event type is not supported.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 43 items.

Valid Values: ALL | TEXT_ALL | TEXT_SENT | TEXT_PENDING | TEXT_QUEUED | TEXT_SUCCESSFUL | TEXT_DELIVERED | TEXT_INVALID | TEXT_INVALID_MESSAGE | TEXT_UNREACHABLE | TEXT_CARRIER_UNREACHABLE | TEXT_BLOCKED | TEXT_CARRIER_BLOCKED | TEXT_SPAM | TEXT_UNKNOWN | TEXT_TTL_EXPIRED | TEXT_PROTECT_BLOCKED | VOICE_ALL | VOICE_INITIATED | VOICE_RINGING | VOICE_ANSWERED | VOICE_COMPLETED | VOICE_BUSY | VOICE_NO_ANSWER | VOICE_FAILED | VOICE_TTL_EXPIRED | MEDIA_ALL | MEDIA_PENDING | MEDIA_QUEUED | MEDIA_SUCCESSFUL | MEDIA_DELIVERED | MEDIA_INVALID | MEDIA_INVALID_MESSAGE | MEDIA_UNREACHABLE | MEDIA_CARRIER_UNREACHABLE | MEDIA_BLOCKED | MEDIA_CARRIER_BLOCKED | MEDIA_SPAM | MEDIA_UNKNOWN | MEDIA_TTL_EXPIRED | MEDIA_FILE_INACCESSIBLE | MEDIA_FILE_TYPE_UNSUPPORTED | MEDIA_FILE_SIZE_EXCEEDED

Required: Yes

SnsDestination

An object that contains information about an event destination for logging to Amazon SNS.

Type: [SnsDestination](#) object

Required: No

Response Syntax

```
{
  "ConfigurationSetArn": "string",
  "ConfigurationSetName": "string",
  "EventDestination": {
    "CloudWatchLogsDestination": {
      "IamRoleArn": "string",
      "LogGroupArn": "string"
    },
    "Enabled": boolean,
    "EventDestinationName": "string",
    "KinesisFirehoseDestination": {
      "DeliveryStreamArn": "string",
      "IamRoleArn": "string"
    },
    "MatchingEventTypes": [ "string" ],
    "SnsDestination": {
      "TopicArn": "string"
    }
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ConfigurationSetArn

The ARN of the configuration set.

Type: String

ConfigurationSetName

The name of the configuration set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

EventDestination

The details of the destination where events are logged.

Type: [EventDestination](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateNotifyConfiguration

Creates a new notify configuration for managed messaging. A notify configuration defines the settings for sending templated messages, including the display name, use case, enabled channels, and enabled countries.

Request Syntax

```
{
  "ClientToken": "string",
  "DefaultTemplateId": "string",
  "DeletionProtectionEnabled": boolean,
  "DisplayName": "string",
  "EnabledChannels": [ "string" ],
  "EnabledCountries": [ "string" ],
  "PoolId": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
  "UseCase": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[!-~]+`

Required: No

DefaultTemplateId

The default template identifier to associate with the notify configuration. If specified, this template is used when sending messages without an explicit template identifier.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: ([A-Za-z0-9_-]* | UNSET_DEFAULT_TEMPLATE)

Required: No

DeletionProtectionEnabled

By default this is set to false. When set to true the notify configuration can't be deleted. You can change this value using the [UpdateNotifyConfiguration](#) action.

Type: Boolean

Required: No

DisplayName

The display name to associate with the notify configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 15.

Pattern: [A-Za-z0-9_-]+

Required: Yes

EnabledChannels

An array of channels to enable for the notify configuration. Supported values include SMS and VOICE.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: SMS | VOICE | MMS | RCS

Required: Yes

EnabledCountries

An array of two-character ISO country codes, in ISO 3166-1 alpha-2 format, that are enabled for the notify configuration.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 300 items.

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: No

PoolId

The identifier of the pool to associate with the notify configuration.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]*

Required: No

Tags

An array of tags (key and value pairs) associated with the notify configuration.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

UseCase

The use case for the notify configuration.

Type: String

Valid Values: CODE_VERIFICATION

Required: Yes

Response Syntax

```
{
  "CreatedTimestamp": number,
  "DefaultTemplateId": "string",
  "DeletionProtectionEnabled": boolean,
  "DisplayName": "string",
  "EnabledChannels": [ "string" ],
  "EnabledCountries": [ "string" ],
  "NotifyConfigurationArn": "string",
  "NotifyConfigurationId": "string",
  "PoolId": "string",
  "RejectionReason": "string",
  "Status": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
  "Tier": "string",
  "TierUpgradeStatus": "string",
  "UseCase": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the notify configuration was created, in [UNIX epoch time](#) format.

Type: Timestamp

DefaultTemplateId

The default template identifier associated with the notify configuration.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: ([A-Za-z0-9_-]* | UNSET_DEFAULT_TEMPLATE)

DeletionProtectionEnabled

When set to true deletion protection is enabled. By default this is set to false.

Type: Boolean

DisplayName

The display name associated with the notify configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 15.

Pattern: [A-Za-z0-9_ -]+

EnabledChannels

An array of channels enabled for the notify configuration. Supported values include SMS and VOICE.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: SMS | VOICE | MMS | RCS

EnabledCountries

An array of two-character ISO country codes, in ISO 3166-1 alpha-2 format, that are enabled for the notify configuration.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 300 items.

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

NotifyConfigurationArn

The Amazon Resource Name (ARN) for the notify configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: arn:\S+

NotifyConfigurationId

The unique identifier for the notify configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

PoolId

The identifier of the pool associated with the notify configuration.

Type: String

RejectionReason

The reason the notify configuration was rejected, if applicable.

Type: String

Status

The current status of the notify configuration.

Type: String

Valid Values: PENDING | ACTIVE | REJECTED | REQUIRES_VERIFICATION

Tags

An array of tags (key and value pairs) associated with the notify configuration.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Tier

The tier of the notify configuration.

Type: String

Valid Values: BASIC | ADVANCED

TierUpgradeStatus

The tier upgrade status of the notify configuration.

Type: String

Valid Values: BASIC | PENDING_UPGRADE | ADVANCED | REJECTED

UseCase

The use case for the notify configuration.

Type: String

Valid Values: CODE_VERIFICATION

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateOptOutList

Creates a new opt-out list.

If the opt-out list name already exists, an error is returned.

An opt-out list is a list of phone numbers that are opted out, meaning you can't send SMS or voice messages to them. If end user replies with the keyword "STOP," an entry for the phone number is added to the opt-out list. In addition to STOP, your recipients can use any supported opt-out keyword, such as CANCEL or OPTOUT. For a list of supported opt-out keywords, see [SMS opt out](#) in the AWS End User Messaging SMS User Guide.

Request Syntax

```
{
  "ClientToken": "string",
  "OptOutListName": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [!-~]+

Required: No

OptOutListName

The name of the new OptOutList.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Required: Yes

Tags

An array of tags (key and value pairs) to associate with the new OptOutList.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "CreatedTimestamp": number,
  "OptOutListArn": "string",
  "OptOutListName": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[CreatedTimestamp](#)

The time when the pool was created, in [UNIX epoch time](#) format.

Type: Timestamp

[OptOutListArn](#)

The Amazon Resource Name (ARN) for the OptOutList.

Type: String

[OptOutListName](#)

The name of the new OptOutList.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

[Tags](#)

An array of tags (key and value pairs) associated with the new OptOutList.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreatePool

Creates a new pool and associates the specified origination identity to the pool. A pool can include one or more phone numbers and SenderIds that are associated with your AWS account.

The new pool inherits its configuration from the specified origination identity. This includes keywords, message type, opt-out list, two-way configuration, and self-managed opt-out configuration. Deletion protection isn't inherited from the origination identity and defaults to false.

If the origination identity is a phone number and is already associated with another pool, an error is returned. A sender ID can be associated with multiple pools.

Request Syntax

```
{
  "ClientToken": "string",
  "DeletionProtectionEnabled": boolean,
  "IsoCountryCode": "string",
  "MessageType": "string",
  "OriginationIdentity": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [!-~]+

Required: No

DeletionProtectionEnabled

By default this is set to false. When set to true the pool can't be deleted. You can change this value using the [UpdatePool](#) action.

Type: Boolean

Required: No

IsoCountryCode

The new two-character code, in ISO 3166-1 alpha-2 format, for the country or region of the new pool. This field is optional and is not required for origination identity types that are not country-specific, such as RCS agents.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: No

MessageType

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive. After the pool is created the MessageType can't be changed.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

Required: Yes

OriginationIdentity

The origination identity to use such as a PhoneNumberId, PhoneNumberArn, SenderId or SenderIdArn. You can use [DescribePhoneNumbers](#) to find the values for PhoneNumberId and

PhoneNumberArn, and use [DescribeSenderIds](#) can be used to get the values for SenderId and SenderIdArn.

After the pool is created you can add more origination identities to the pool by using [AssociateOriginationIdentity](#).

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

[Tags](#)

An array of tags (key and value pairs) associated with the pool.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "CreatedTimestamp": number,
  "DeletionProtectionEnabled": boolean,
  "MessageType": "string",
  "OptOutListName": "string",
  "PoolArn": "string",
  "PoolId": "string",
  "SelfManagedOptOutsEnabled": boolean,
  "SharedRoutesEnabled": boolean,
```

```
"Status": "string",
"Tags": [
  {
    "Key": "string",
    "Value": "string"
  }
],
"TwoWayChannelArn": "string",
"TwoWayChannelRole": "string",
"TwoWayEnabled": boolean
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the pool was created, in [UNIX epoch time](#) format.

Type: Timestamp

DeletionProtectionEnabled

When set to true deletion protection is enabled. By default this is set to false.

Type: Boolean

MessageType

The type of message for the pool to use.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

OptOutListName

The name of the OptOutList associated with the pool.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

PoolArn

The Amazon Resource Name (ARN) for the pool.

Type: String

PoolId

The unique identifier for the pool.

Type: String

SelfManagedOptOutsEnabled

By default this is set to false. When set to false, and an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, AWS End User Messaging SMS automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

SharedRoutesEnabled

Indicates whether shared routes are enabled for the pool. Set to false and only origination identities in this pool are used to send messages.

Type: Boolean

Status

The current status of the pool.

- **CREATING:** The pool is currently being created and isn't yet available for use.
- **ACTIVE:** The pool is active and available for use.
- **DELETING:** The pool is being deleted.

Type: String

Valid Values: CREATING | ACTIVE | DELETING

Tags

An array of tags (key and value pairs) associated with the pool.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

[TwoWayChannelArn](#)

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

[TwoWayChannelRole](#)

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: arn:\S+

[TwoWayEnabled](#)

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateProtectConfiguration

Create a new protect configuration. By default all country rule sets for each capability are set to ALLOW. Update the country rule sets using `UpdateProtectConfigurationCountryRuleSet`. A protect configurations name is stored as a Tag with the key set to Name and value as the name of the protect configuration.

Request Syntax

```
{
  "ClientToken": "string",
  "DeletionProtectionEnabled": boolean,
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[!-~]+`

Required: No

DeletionProtectionEnabled

When set to true deletion protection is enabled. By default this is set to false.

Type: Boolean

Required: No

Tags

An array of key and value pair tags that are associated with the resource.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "AccountDefault": boolean,
  "CreatedTimestamp": number,
  "DeletionProtectionEnabled": boolean,
  "ProtectConfigurationArn": "string",
  "ProtectConfigurationId": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AccountDefault

This is true if the protect configuration is set as your account default protect configuration.

Type: Boolean

CreatedTimestamp

The time when the protect configuration was created, in [UNIX epoch time](#) format.

Type: Timestamp

DeletionProtectionEnabled

When set to true deletion protection is enabled. By default this is set to false.

Type: Boolean

ProtectConfigurationArn

The Amazon Resource Name (ARN) of the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: arn:\S+

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Tags

An array of key and value pair tags that are associated with the resource.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateRcsAgent

Creates a new RCS agent for sending rich messages through the RCS channel. The RCS agent serves as an origination identity for sending RCS messages to your recipients.

Request Syntax

```
{
  "ClientToken": "string",
  "DeletionProtectionEnabled": boolean,
  "OptOutListName": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [!-~]+

Required: No

DeletionProtectionEnabled

By default this is set to false. When set to true the RCS agent can't be deleted. You can change this value using the [UpdateRcsAgent](#) action.

Type: Boolean

Required: No

OptOutListName

The OptOutList to associate with the RCS agent. Valid values are either OptOutListName or OptOutListArn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Tags

An array of tags (key and value pairs) associated with the RCS agent.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "CreatedTimestamp": number,
  "DeletionProtectionEnabled": boolean,
  "OptOutListName": "string",
  "RcsAgentArn": "string",
  "RcsAgentId": "string",
  "SelfManagedOptOutsEnabled": boolean,
  "Status": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
}
```



```
"TwoWayChannelArn": "string",  
"TwoWayChannelRole": "string",  
"TwoWayEnabled": boolean  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the RCS agent was created, in [UNIX epoch time](#) format.

Type: Timestamp

DeletionProtectionEnabled

When set to true deletion protection is enabled. By default this is set to false.

Type: Boolean

OptOutListName

The name of the OptOutList associated with the RCS agent.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

RcsAgentArn

The Amazon Resource Name (ARN) of the newly created RCS agent.

Type: String

RcsAgentId

The unique identifier for the RCS agent.

Type: String

SelfManagedOptOutsEnabled

By default this is set to false. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

Status

The current status of the RCS agent.

Type: String

Valid Values: CREATED | PENDING | TESTING | PARTIAL | ACTIVE | DELETED

Tags

An array of tags (key and value pairs) associated with the RCS agent.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: arn:\S+

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateRegistration

Creates a new registration based on the **RegistrationType** field.

Request Syntax

```
{
  "ClientToken": "string",
  "RegistrationType": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[!-~]+`

Required: No

RegistrationType

The type of registration form to create. The list of **RegistrationTypes** can be found using the [DescribeRegistrationTypeDefinitions](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_]+

Required: Yes

Tags

An array of tags (key and value pairs) to associate with the registration.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "AdditionalAttributes": {
    "string" : "string"
  },
  "CreatedTimestamp": number,
  "CurrentVersionNumber": number,
  "RegistrationArn": "string",
  "RegistrationId": "string",
  "RegistrationStatus": "string",
  "RegistrationType": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AdditionalAttributes

Metadata about a given registration which is specific to that registration type.

Type: String to string map

CreatedTimestamp

The time when the registration was created, in [UNIX epoch time](#) format.

Type: Timestamp

CurrentVersionNumber

The current version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationStatus

The status of the registration.

- **CLOSED:** The phone number or sender ID has been deleted and you must also delete the registration for the number.
- **CREATED:** Your registration is created but not submitted.
- **COMPLETE:** Your registration has been approved and your origination identity has been created.
- **DELETED:** The registration has been deleted.
- **PROVISIONING:** Your registration has been approved and your origination identity is being created.

- **REQUIRES_AUTHENTICATION**: You need to complete email authentication.
- **REQUIRES_UPDATES**: You must fix your registration and resubmit it.
- **REVIEWING**: Your registration has been accepted and is being reviewed.
- **SUBMITTED**: Your registration has been submitted and is awaiting review.

Type: String

Valid Values: CREATED | SUBMITTED | AWS_REVIEWING | REVIEWING | REQUIRES_AUTHENTICATION | PROVISIONING | COMPLETE | REQUIRES_UPDATES | CLOSED | DELETED

RegistrationType

The type of registration form to create. The list of **RegistrationTypes** can be found using the [DescribeRegistrationTypeDefinitions](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_]+

Tags

An array of tags (key and value pairs) to associate with the registration.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateRegistrationAssociation

Associate the registration with an origination identity such as a phone number or sender ID.

Request Syntax

```
{  
  "RegistrationId": "string",  
  "ResourceId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

RegistrationId

The unique identifier for the registration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

ResourceId

The unique identifier for the origination identity. For example this could be a **PhoneNumberId** or **SenderId**.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "IsoCountryCode": "string",
  "PhoneNumber": "string",
  "RegistrationArn": "string",
  "RegistrationId": "string",
  "RegistrationType": "string",
  "ResourceArn": "string",
  "ResourceId": "string",
  "ResourceType": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

PhoneNumber

The phone number associated with the registration in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+?[1-9][0-9]{1,18}

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the [DescribeRegistrationTypeDefinitions](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_]+

ResourceArn

The Amazon Resource Name (ARN) of the origination identity that is associated with the registration.

Type: String

ResourceId

The unique identifier for the origination identity. For example this could be a **PhoneNumberId** or **SenderId**.

Type: String

ResourceType

The registration type or origination identity type.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateRegistrationAttachment

Create a new registration attachment to use for uploading a file or a URL to a file. The maximum file size is 500KB and valid file extensions are PDF, JPEG and PNG. For example, many sender ID registrations require a signed “letter of authorization” (LOA) to be submitted.

Use either `AttachmentUrl` or `AttachmentBody` to upload your attachment. If both are specified then an exception is returned.

Request Syntax

```
{
  "AttachmentBody": blob,
  "AttachmentUrl": "string",
  "ClientToken": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

AttachmentBody

The registration file to upload. The maximum file size is 500KB and valid file extensions are PDF, JPEG and PNG.

Type: Base64-encoded binary data object

Length Constraints: Minimum length of 1. Maximum length of 1572864.

Required: No

AttachmentUrl

Registration files have to be stored in an Amazon S3 bucket. The URI to use when sending is in the format `s3://BucketName/FileName`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `\S+`

Required: No

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[!-~]+`

Required: No

Tags

An array of tags (key and value pairs) to associate with the registration attachment.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "AttachmentStatus": "string",
  "CreatedTimestamp": number,
  "RegistrationAttachmentArn": "string",
  "RegistrationAttachmentId": "string",
```

```
"Tags": [  
  {  
    "Key": "string",  
    "Value": "string"  
  }  
]
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AttachmentStatus

The status of the registration attachment.

- `UPLOAD_IN_PROGRESS` The attachment is being uploaded.
- `UPLOAD_COMPLETE` The attachment has been uploaded.
- `UPLOAD_FAILED` The attachment failed to upload.
- `DELETED` The attachment has been deleted.

Type: String

Valid Values: `UPLOAD_IN_PROGRESS` | `UPLOAD_COMPLETE` | `UPLOAD_FAILED` | `DELETED`

CreatedTimestamp

The time when the registration attachment was created, in [UNIX epoch time](#) format.

Type: Timestamp

RegistrationAttachmentArn

The Amazon Resource Name (ARN) for the registration attachment.

Type: String

RegistrationAttachmentId

The unique identifier for the registration attachment.

Type: String

Tags

An array of tags (key and value pairs) to associate with the registration attachment.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateRegistrationVersion

Create a new version of the registration and increase the **VersionNumber**. The previous version of the registration becomes read-only.

Request Syntax

```
{  
  "RegistrationId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[RegistrationId](#)

The unique identifier for the registration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "RegistrationArn": "string",  
  "RegistrationId": "string",  
  "RegistrationVersionStatus": "string",  
  "RegistrationVersionStatusHistory": {  
    "ApprovedTimestamp": number,  
    "ArchivedTimestamp": number,  
    "AwsReviewingTimestamp": number,  
    "DeniedTimestamp": number,  
  }
```



```
    "DiscardedTimestamp": number,  
    "DraftTimestamp": number,  
    "RequiresAuthenticationTimestamp": number,  
    "ReviewingTimestamp": number,  
    "RevokedTimestamp": number,  
    "SubmittedTimestamp": number  
  },  
  "VersionNumber": number  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationVersionStatus

The status of the registration.

- **APPROVED:** Your registration has been approved.
- **ARCHIVED:** Your previously approved registration version moves into this status when a more recently submitted version is approved.
- **DENIED:** You must fix your registration and resubmit it.
- **DISCARDED:** You've abandon this version of their registration to start over with a new version.
- **DRAFT:** The initial status of a registration version after it's created.
- **REQUIRES_AUTHENTICATION:** You need to complete email authentication.
- **REVIEWING:** Your registration has been accepted and is being reviewed.
- **REVOKED:** Your previously approved registration has been revoked.

- SUBMITTED: Your registration has been submitted.

Type: String

Valid Values: DRAFT | SUBMITTED | AWS_REVIEWING | REVIEWING |
REQUIRES_AUTHENTICATION | APPROVED | DISCARDED | DENIED | REVOKED |
ARCHIVED | REQUIRES_OFFLINE_REVIEW

RegistrationVersionStatusHistory

A **RegistrationVersionStatusHistory** object that contains timestamps for the registration.

Type: [RegistrationVersionStatusHistory](#) object

VersionNumber

The new version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateVerifiedDestinationNumber

You can only send messages to verified destination numbers when your account is in the sandbox. You can add up to 10 verified destination numbers.

Request Syntax

```
{
  "ClientToken": "string",
  "DestinationPhoneNumber": "string",
  "RcsAgentId": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[!-~]+`

Required: No

DestinationPhoneNumber

The verified destination phone number, in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

Required: Yes

RcsAgentId

The unique identifier of the RCS agent to associate with the verified destination number. You can use either the RcsAgentId or RcsAgentArn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Tags

An array of tags (key and value pairs) to associate with the destination number.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "CreatedTimestamp": number,
  "DestinationPhoneNumber": "string",
  "RcsAgentId": "string",
  "Status": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
}
```

```
"VerifiedDestinationNumberArn": "string",  
"VerifiedDestinationNumberId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the verified phone number was created, in [UNIX epoch time](#) format.

Type: Timestamp

DestinationPhoneNumber

The verified destination phone number, in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

RcsAgentId

The unique identifier of the RCS agent associated with the verified destination number.

Type: String

Status

The status of the verified destination phone number.

- PENDING: The phone number hasn't been verified yet.
- VERIFIED: The phone number is verified and can receive messages.

Type: String

Valid Values: PENDING | VERIFIED | UNSUPPORTED

Tags

An array of tags (key and value pairs) to associate with the destination number.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

VerifiedDestinationNumberArn

The Amazon Resource Name (ARN) for the verified destination phone number.

Type: String

VerifiedDestinationNumberId

The unique identifier for the verified destination phone number.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteAccountDefaultProtectConfiguration

Removes the current account default protect configuration.

Response Syntax

```
{
  "DefaultProtectConfigurationArn": "string",
  "DefaultProtectConfigurationId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[DefaultProtectConfigurationArn](#)

The Amazon Resource Name (ARN) of the account default protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `arn:\S+`

[DefaultProtectConfigurationId](#)

The unique identifier of the account default protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_-]+`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
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- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteConfigurationSet

Deletes an existing configuration set.

A configuration set is a set of rules that you apply to voice and SMS messages that you send. In a configuration set, you can specify a destination for specific types of events related to voice and SMS messages.

Request Syntax

```
{  
  "ConfigurationSetName": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[ConfigurationSetName](#)

The name of the configuration set or the configuration set ARN that you want to delete. The ConfigurationSetName and ConfigurationSetArn can be found using the [DescribeConfigurationSets](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "ConfigurationSetArn": "string",  
  "ConfigurationSetName": "string",  
  "CreatedTimestamp": number,  
}
```

```

"DefaultMessageFeedbackEnabled": boolean,
"DefaultMessageType": "string",
"DefaultSenderId": "string",
"EventDestinations": [
  {
    "CloudWatchLogsDestination": {
      "IamRoleArn": "string",
      "LogGroupArn": "string"
    },
    "Enabled": boolean,
    "EventDestinationName": "string",
    "KinesisFirehoseDestination": {
      "DeliveryStreamArn": "string",
      "IamRoleArn": "string"
    },
    "MatchingEventTypes": [ "string" ],
    "SnsDestination": {
      "TopicArn": "string"
    }
  }
]
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ConfigurationSetArn

The Amazon Resource Name (ARN) of the deleted configuration set.

Type: String

ConfigurationSetName

The name of the deleted configuration set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

CreatedTimestamp

The time that the deleted configuration set was created in [UNIX epoch time](#) format.

Type: Timestamp

DefaultMessageFeedbackEnabled

True if the configuration set has message feedback enabled. By default this is set to false.

Type: Boolean

DefaultMessageType

The default message type of the configuration set that was deleted.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

DefaultSenderId

The default Sender ID of the configuration set that was deleted.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

Pattern: [A-Za-z0-9_-]+

EventDestinations

An array of any EventDestination objects that were associated with the deleted configuration set.

Type: Array of [EventDestination](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteDefaultMessageType

Deletes an existing default message type on a configuration set.

A message type is a type of messages that you plan to send. If you send account-related messages or time-sensitive messages such as one-time passcodes, choose **Transactional**. If you plan to send messages that contain marketing material or other promotional content, choose **Promotional**. This setting applies to your entire AWS account.

Request Syntax

```
{
  "ConfigurationSetName": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ConfigurationSetName

The name of the configuration set or the configuration set Amazon Resource Name (ARN) to delete the default message type from. The ConfigurationSetName and ConfigurationSetArn can be found using the [DescribeConfigurationSets](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
```

```
"ConfigurationSetArn": "string",  
"ConfigurationSetName": "string",  
"MessageType": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[ConfigurationSetArn](#)

The Amazon Resource Name (ARN) of the configuration set.

Type: String

[ConfigurationSetName](#)

The name of the configuration set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

[MessageType](#)

The current message type for the configuration set.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteDefaultSenderId

Deletes an existing default sender ID on a configuration set.

A default sender ID is the identity that appears on recipients' devices when they receive SMS messages. Support for sender ID capabilities varies by country or region.

Request Syntax

```
{  
  "ConfigurationSetName": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[ConfigurationSetName](#)

The name of the configuration set or the configuration set Amazon Resource Name (ARN) to delete the default sender ID from. The [ConfigurationSetName](#) and [ConfigurationSetArn](#) can be found using the [DescribeConfigurationSets](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "ConfigurationSetArn": "string",  
  "ConfigurationSetName": "string",  
  "SenderId": "string"  
}
```

```
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ConfigurationSetArn

The Amazon Resource Name (ARN) of the configuration set.

Type: String

ConfigurationSetName

The name of the configuration set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

SenderId

The current sender ID for the configuration set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

Pattern: [A-Za-z0-9_-]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteEventDestination

Deletes an existing event destination.

An event destination is a location where you send response information about the messages that you send. For example, when a message is delivered successfully, you can send information about that event to an Amazon CloudWatch destination, or send notifications to endpoints that are subscribed to an Amazon SNS topic.

Request Syntax

```
{  
  "ConfigurationSetName": "string",  
  "EventDestinationName": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[ConfigurationSetName](#)

The name of the configuration set or the configuration set's Amazon Resource Name (ARN) to remove the event destination from. The `ConfigurationSetName` and `ConfigurationSetArn` can be found using the [DescribeConfigurationSets](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9_:/- ]+`

Required: Yes

[EventDestinationName](#)

The name of the event destination to delete.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Required: Yes

Response Syntax

```
{
  "ConfigurationSetArn": "string",
  "ConfigurationSetName": "string",
  "EventDestination": {
    "CloudWatchLogsDestination": {
      "IamRoleArn": "string",
      "LogGroupArn": "string"
    },
    "Enabled": boolean,
    "EventDestinationName": "string",
    "KinesisFirehoseDestination": {
      "DeliveryStreamArn": "string",
      "IamRoleArn": "string"
    },
    "MatchingEventTypes": [ "string" ],
    "SnsDestination": {
      "TopicArn": "string"
    }
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ConfigurationSetArn

The Amazon Resource Name (ARN) of the configuration set.

Type: String

ConfigurationSetName

The name of the configuration set the event destination was deleted from.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

EventDestination

The event destination object that was deleted.

Type: [EventDestination](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteKeyword

Deletes an existing keyword from an origination phone number or pool.

A keyword is a word that you can search for on a particular phone number or pool. It is also a specific word or phrase that an end user can send to your number to elicit a response, such as an informational message or a special offer. When your number receives a message that begins with a keyword, AWS End User Messaging SMS responds with a customizable message.

Keywords "HELP" and "STOP" can't be deleted or modified.

Request Syntax

```
{  
  "Keyword": "string",  
  "OriginationIdentity": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Keyword

The keyword to delete.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: [\S]+

Required: Yes

OriginationIdentity

The origination identity to use such as a PhoneNumberId, PhoneNumberArn, PoolId or PoolArn. You can use [DescribePhoneNumbers](#) to find the values for PhoneNumberId and PhoneNumberArn and [DescribePools](#) to find the values of PoolId and PoolArn.

⚠ Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "Keyword": "string",  
  "KeywordAction": "string",  
  "KeywordMessage": "string",  
  "OriginationIdentity": "string",  
  "OriginationIdentityArn": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Keyword

The keyword that was deleted.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: [\S]+

KeywordAction

The action that was associated with the deleted keyword.

Type: String

Valid Values: AUTOMATIC_RESPONSE | OPT_OUT | OPT_IN

KeywordMessage

The message that was associated with the deleted keyword.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1600.

Pattern: (?!\\s*\$)[\\s\\S]+

OriginationIdentity

The PhoneNumberId or PoolId that the keyword was associated with.

Type: String

OriginationIdentityArn

The PhoneNumberArn or PoolArn that the keyword was associated with.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteMediaMessageSpendLimitOverride

Deletes an account-level monthly spending limit override for sending multimedia messages (MMS). Deleting a spend limit override will set the `EnforcedLimit` to equal the `MaxLimit`, which is controlled by AWS. For more information on spend limits (quotas) see [Quotas for AWS SMS](#) in the *AWS SMS User Guide*.

Response Syntax

```
{
  "MonthlyLimit": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[MonthlyLimit](#)

The current monthly limit, in US dollars.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 10000000000.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteNotifyConfiguration

Deletes an existing notify configuration.

If deletion protection is enabled, an error is returned.

Request Syntax

```
{  
  "NotifyConfigurationId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[NotifyConfigurationId](#)

The identifier of the notify configuration to delete. The `NotifyConfigurationId` can be found using the [DescribeNotifyConfigurations](#) operation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "CreatedTimestamp": number,  
  "DefaultTemplateId": "string",  
  "DeletionProtectionEnabled": boolean,  
  "DisplayName": "string",  
  "EnabledChannels": [ "string" ],  
  "EnabledCountries": [ "string" ],  
}
```

```
"NotifyConfigurationArn": "string",  
"NotifyConfigurationId": "string",  
"PoolId": "string",  
"RejectionReason": "string",  
"Status": "string",  
"Tier": "string",  
"TierUpgradeStatus": "string",  
"UseCase": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the notify configuration was created, in [UNIX epoch time](#) format.

Type: Timestamp

DefaultTemplateId

The default template identifier associated with the notify configuration.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: ([A-Za-z0-9_-])*|UNSET_DEFAULT_TEMPLATE)

DeletionProtectionEnabled

When set to true deletion protection is enabled. By default this is set to false.

Type: Boolean

DisplayName

The display name associated with the notify configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 15.

Pattern: [A-Za-z0-9_ -]+

EnabledChannels

An array of channels enabled for the notify configuration. Supported values include SMS and VOICE.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: SMS | VOICE | MMS | RCS

EnabledCountries

An array of two-character ISO country codes, in ISO 3166-1 alpha-2 format, that are enabled for the notify configuration.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 300 items.

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

NotifyConfigurationArn

The Amazon Resource Name (ARN) for the notify configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: arn:\S+

NotifyConfigurationId

The unique identifier for the notify configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_ -]+

PoolId

The identifier of the pool associated with the notify configuration.

Type: String

RejectionReason

The reason the notify configuration was rejected, if applicable.

Type: String

Status

The current status of the notify configuration.

Type: String

Valid Values: PENDING | ACTIVE | REJECTED | REQUIRES_VERIFICATION

Tier

The tier of the notify configuration.

Type: String

Valid Values: BASIC | ADVANCED

TierUpgradeStatus

The tier upgrade status of the notify configuration.

Type: String

Valid Values: BASIC | PENDING_UPGRADE | ADVANCED | REJECTED

UseCase

The use case for the notify configuration.

Type: String

Valid Values: CODE_VERIFICATION

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteNotifyMessageSpendLimitOverride

Deletes an account-level monthly spending limit override for sending notify messages. Deleting a spend limit override will set the `EnforcedLimit` to equal the `MaxLimit`, which is controlled by AWS. For more information on spend limits (quotas) see [Quotas](#) in the *AWS End User Messaging SMS User Guide*.

Response Syntax

```
{
  "MonthlyLimit": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[MonthlyLimit](#)

The current monthly limit, in US dollars.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 1000000000.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteOptedOutNumber

Deletes an existing opted out destination phone number from the specified opt-out list.

Each destination phone number can only be deleted once every 30 days.

If the specified destination phone number doesn't exist or if the opt-out list doesn't exist, an error is returned.

Request Syntax

```
{  
  "OptedOutNumber": "string",  
  "OptOutListName": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

OptedOutNumber

The phone number, in E.164 format, to remove from the OptOutList.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

Required: Yes

OptOutListName

The OptOutListName or OptOutListArn to remove the phone number from.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "EndUserOptedOut": boolean,
  "OptedOutNumber": "string",
  "OptedOutTimestamp": number,
  "OptOutListArn": "string",
  "OptOutListName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

EndUserOptedOut

This is true if it was the end user who requested their phone number be removed.

Type: Boolean

OptedOutNumber

The phone number that was removed from the OptOutList.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

OptedOutTimestamp

The time that the number was removed at, in [UNIX epoch time](#) format.

Type: Timestamp

OptOutListArn

The OptOutListArn that the phone number was removed from.

Type: String

OptOutListName

The OptOutListName that the phone number was removed from.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteOptOutList

Deletes an existing opt-out list. All opted out phone numbers in the opt-out list are deleted.

If the specified opt-out list name doesn't exist or is in-use by an origination phone number or pool, an error is returned.

Request Syntax

```
{  
  "OptOutListName": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

OptOutListName

The OptOutListName or OptOutListArn of the OptOutList to delete. You can use [DescribeOptOutLists](#) to find the values for OptOutListName and OptOutListArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
```

```
"CreatedTimestamp": number,  
"OptOutListArn": "string",  
"OptOutListName": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[CreatedTimestamp](#)

The time when the OptOutList was created, in [UNIX epoch time](#) format.

Type: Timestamp

[OptOutListArn](#)

The Amazon Resource Name (ARN) of the OptOutList that was removed.

Type: String

[OptOutListName](#)

The name of the OptOutList that was removed.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeletePool

Deletes an existing pool. Deleting a pool disassociates all origination identities from that pool.

If the pool status isn't active or if deletion protection is enabled, an error is returned.

A pool is a collection of phone numbers and SenderIds. A pool can include one or more phone numbers and SenderIds that are associated with your AWS account.

Request Syntax

```
{  
  "PoolId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

PoolId

The PoolId or PoolArn of the pool to delete. You can use [DescribePools](#) to find the values for PoolId and PoolArn .

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]*

Required: Yes

Response Syntax

```
{
  "CreatedTimestamp": number,
  "MessageType": "string",
  "OptOutListName": "string",
  "PoolArn": "string",
  "PoolId": "string",
  "SelfManagedOptOutsEnabled": boolean,
  "SharedRoutesEnabled": boolean,
  "Status": "string",
  "TwoWayChannelArn": "string",
  "TwoWayChannelRole": "string",
  "TwoWayEnabled": boolean
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the pool was created, in [UNIX epoch time](#) format.

Type: Timestamp

MessageType

The message type that was associated with the deleted pool.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

OptOutListName

The name of the OptOutList that was associated with the deleted pool.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

PoolArn

The Amazon Resource Name (ARN) of the pool that was deleted.

Type: String

PoolId

The PoolId of the pool that was deleted.

Type: String

SelfManagedOptOutsEnabled

By default this is set to false. When set to false and an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, AWS End User Messaging SMS automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

SharedRoutesEnabled

Indicates whether shared routes are enabled for the pool.

Type: Boolean

Status

The current status of the pool.

- CREATING: The pool is currently being created and isn't yet available for use.
- ACTIVE: The pool is active and available for use.
- DELETING: The pool is being deleted.

Type: String

Valid Values: CREATING | ACTIVE | DELETING

TwoWayChannelArn

The Amazon Resource Name (ARN) of the TwoWayChannel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: arn:\S+

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteProtectConfiguration

Permanently delete the protect configuration. The protect configuration must have deletion protection disabled and must not be associated as the account default protect configuration or associated with a configuration set.

Request Syntax

```
{  
  "ProtectConfigurationId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "AccountDefault": boolean,  
  "CreatedTimestamp": number,  
  "DeletionProtectionEnabled": boolean,  
  "ProtectConfigurationArn": "string",  
  "ProtectConfigurationId": "string"  
}
```


Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AccountDefault

This is true if the protect configuration is set as your account default protect configuration.

Type: Boolean

CreatedTimestamp

The time when the protect configuration was created, in [UNIX epoch time](#) format.

Type: Timestamp

DeletionProtectionEnabled

The status of deletion protection for the protect configuration. When set to true deletion protection is enabled. By default this is set to false.

Type: Boolean

ProtectConfigurationArn

The Amazon Resource Name (ARN) of the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `arn:\S+`

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_-]+`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteProtectConfigurationRuleSetNumberOverride

Permanently delete the protect configuration rule set number override.

Request Syntax

```
{  
  "DestinationPhoneNumber": "string",  
  "ProtectConfigurationId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

DestinationPhoneNumber

The destination phone number in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

Required: Yes

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "Action": "string",
  "CreatedTimestamp": number,
  "DestinationPhoneNumber": "string",
  "ExpirationTimestamp": number,
  "IsoCountryCode": "string",
  "ProtectConfigurationArn": "string",
  "ProtectConfigurationId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Action

The action associated with the rule.

Type: String

Valid Values: ALLOW | BLOCK

CreatedTimestamp

The time when the rule was created, in [UNIX epoch time](#) format.

Type: Timestamp

DestinationPhoneNumber

The destination phone number in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

ExpirationTimestamp

The time when the resource-based policy was created, in [UNIX epoch time](#) format.

Type: Timestamp

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

ProtectConfigurationArn

The Amazon Resource Name (ARN) of the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: arn:\S+

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteRcsAgent

Deletes an existing RCS agent. If deletion protection is enabled, an error is returned.

Request Syntax

```
{  
  "RcsAgentId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[RcsAgentId](#)

The unique identifier of the RCS agent to delete. You can use either the `RcsAgentId` or `RcsAgentArn`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "CreatedTimestamp": number,  
  "DeletionProtectionEnabled": boolean,  
  "OptOutListName": "string",  
  "RcsAgentArn": "string",  
  "RcsAgentId": "string",  
  "SelfManagedOptOutsEnabled": boolean,  
  "Status": "string",  
  "TwoWayChannelArn": "string",  
  "TwoWayChannelRole": "string",  
}
```

```
"TwoWayEnabled": boolean
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the RCS agent was created, in [UNIX epoch time](#) format.

Type: Timestamp

DeletionProtectionEnabled

When set to true deletion protection is enabled. By default this is set to false.

Type: Boolean

OptOutListName

The name of the OptOutList that was associated with the deleted RCS agent.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

RcsAgentArn

The Amazon Resource Name (ARN) of the deleted RCS agent.

Type: String

RcsAgentId

The unique identifier for the deleted RCS agent.

Type: String

SelfManagedOptOutsEnabled

By default this is set to false. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

Status

The current status of the RCS agent.

Type: String

Valid Values: CREATED | PENDING | TESTING | PARTIAL | ACTIVE | DELETED

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: arn:\S+

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteRegistration

Permanently delete an existing registration from your account.

Request Syntax

```
{  
  "RegistrationId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[RegistrationId](#)

The unique identifier for the registration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "AdditionalAttributes": {  
    "string" : "string"  
  },  
  "ApprovedVersionNumber": number,  
  "CreatedTimestamp": number,  
  "CurrentVersionNumber": number,  
  "LatestDeniedVersionNumber": number,  
  "RegistrationArn": "string",  
  "RegistrationId": "string",  
}
```

```
"RegistrationStatus": "string",  
"RegistrationType": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AdditionalAttributes

Metadata about a given registration which is specific to that registration type.

Type: String to string map

ApprovedVersionNumber

The version number of the registration that was approved.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

CreatedTimestamp

The time when the registration was created, in [UNIX epoch time](#) format.

Type: Timestamp

CurrentVersionNumber

The current version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

LatestDeniedVersionNumber

The latest version number of the registration that was denied.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationStatus

The status of the registration.

- **CLOSED:** The phone number or sender ID has been deleted and you must also delete the registration for the number.
- **CREATED:** Your registration is created but not submitted.
- **COMPLETE:** Your registration has been approved and your origination identity has been created.
- **DELETED:** The registration has been deleted.
- **PROVISIONING:** Your registration has been approved and your origination identity is being created.
- **REQUIRES_AUTHENTICATION:** You need to complete email authentication.
- **REQUIRES_UPDATES:** You must fix your registration and resubmit it.
- **REVIEWING:** Your registration has been accepted and is being reviewed.
- **SUBMITTED:** Your registration has been submitted and is awaiting review.

Type: String

Valid Values: CREATED | SUBMITTED | AWS_REVIEWING | REVIEWING | REQUIRES_AUTHENTICATION | PROVISIONING | COMPLETE | REQUIRES_UPDATES | CLOSED | DELETED

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the [DescribeRegistrationTypeDefinitions](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteRegistrationAttachment

Permanently delete the specified registration attachment.

Request Syntax

```
{  
  "RegistrationAttachmentId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[RegistrationAttachmentId](#)

The unique identifier for the registration attachment.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "AttachmentStatus": "string",  
  "AttachmentUploadErrorReason": "string",  
  "CreatedTimestamp": number,  
  "RegistrationAttachmentArn": "string",  
  "RegistrationAttachmentId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AttachmentStatus

The status of the registration attachment.

- `UPLOAD_IN_PROGRESS` The attachment is being uploaded.
- `UPLOAD_COMPLETE` The attachment has been uploaded.
- `UPLOAD_FAILED` The attachment failed to upload.
- `DELETED` The attachment has been deleted.

Type: String

Valid Values: `UPLOAD_IN_PROGRESS` | `UPLOAD_COMPLETE` | `UPLOAD_FAILED` | `DELETED`

AttachmentUploadErrorReason

The error message if the upload failed.

Type: String

Valid Values: `INTERNAL_ERROR`

CreatedTimestamp

The time when the registration attachment was created, in [UNIX epoch time](#) format.

Type: Timestamp

RegistrationAttachmentArn

The Amazon Resource Name (ARN) for the registration attachment.

Type: String

RegistrationAttachmentId

The unique identifier for the registration attachment.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteRegistrationFieldValue

Delete the value in a registration form field.

Request Syntax

```
{  
  "FieldPath": "string",  
  "RegistrationId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

FieldPath

The path to the registration form field. You can use [DescribeRegistrationFieldDefinitions](#) for a list of **FieldPaths**.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [A-Za-z0-9_\.\.]+

Required: Yes

RegistrationId

The unique identifier for the registration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "FieldPath": "string",  
  "RegistrationArn": "string",  
  "RegistrationAttachmentId": "string",  
  "RegistrationId": "string",  
  "SelectChoices": [ "string" ],  
  "TextValue": "string",  
  "VersionNumber": number  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

FieldPath

The path to the registration form field.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [A-Za-z0-9_\.]+

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationAttachmentId

The unique identifier for the registration attachment.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

SelectChoices

An array of values for the form field.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Length Constraints: Minimum length of 1. Maximum length of 256.

TextValue

The text data for a free form field.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

VersionNumber

The version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteResourcePolicy

Deletes the resource-based policy document attached to the AWS End User Messaging SMS resource. A shared resource can be a Pool, Opt-out list, Sender Id, or Phone number.

Request Syntax

```
{  
  "ResourceArn": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[ResourceArn](#)

The Amazon Resource Name (ARN) of the AWS End User Messaging SMS resource you're deleting the resource-based policy from.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Required: Yes

Response Syntax

```
{  
  "CreatedTimestamp": number,  
  "Policy": "string",  
  "ResourceArn": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the resource-based policy was created, in [UNIX epoch time](#) format.

Type: Timestamp

Policy

The JSON formatted resource-based policy that was deleted.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10000.

ResourceArn

The Amazon Resource Name (ARN) of the AWS End User Messaging SMS resource that the resource-based policy was deleted from.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteTextMessageSpendLimitOverride

Deletes an account-level monthly spending limit override for sending text messages. Deleting a spend limit override will set the `EnforcedLimit` to equal the `MaxLimit`, which is controlled by AWS. For more information on spend limits (quotas) see [Quotas](#) in the *AWS End User Messaging SMS User Guide*.

Response Syntax

```
{
  "MonthlyLimit": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[MonthlyLimit](#)

The current monthly limit, in US dollars.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 10000000000.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteVerifiedDestinationNumber

Delete a verified destination phone number.

Request Syntax

```
{  
  "VerifiedDestinationNumberId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[VerifiedDestinationNumberId](#)

The unique identifier for the verified destination phone number.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "CreatedTimestamp": number,  
  "DestinationPhoneNumber": "string",  
  "VerifiedDestinationNumberArn": "string",  
  "VerifiedDestinationNumberId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the destination phone number was created, in [UNIX epoch time](#) format.

Type: Timestamp

DestinationPhoneNumber

The verified destination phone number, in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

VerifiedDestinationNumberArn

The Amazon Resource Name (ARN) for the verified destination phone number.

Type: String

VerifiedDestinationNumberId

The unique identifier for the verified destination phone number.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteVoiceMessageSpendLimitOverride

Deletes an account level monthly spend limit override for sending voice messages. Deleting a spend limit override sets the `EnforcedLimit` equal to the `MaxLimit`, which is controlled by AWS. For more information on spending limits (quotas) see [Quotas](#) in the *AWS End User Messaging SMS User Guide*.

Response Syntax

```
{
  "MonthlyLimit": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[MonthlyLimit](#)

The current monthly limit, in US dollars.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 10000000000.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeAccountAttributes

Describes attributes of your AWS account. The supported account attributes include account tier, which indicates whether your account is in the sandbox or production environment. When you're ready to move your account out of the sandbox, create an AWS Support case for a service limit increase request.

New accounts are placed into an SMS or voice sandbox. The sandbox protects both AWS end recipients and SMS or voice recipients from fraud and abuse.

Request Syntax

```
{  
  "MaxResults": number,  
  "NextToken": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[MaxResults](#)

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

[NextToken](#)

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

Response Syntax

```
{
  "AccountAttributes": [
    {
      "Name": "string",
      "Value": "string"
    }
  ],
  "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AccountAttributes

An array of AccountAttributes objects.

Type: Array of [AccountAttribute](#) objects

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeAccountLimits

Describes the current AWS End User Messaging SMS SMS Voice V2 resource quotas for your account. The description for a quota includes the quota name, current usage toward that quota, and the quota's maximum value.

When you establish an AWS account, the account has initial quotas on the maximum number of configuration sets, opt-out lists, phone numbers, and pools that you can create in a given Region. For more information see [Quotas](#) in the *AWS End User Messaging SMS User Guide*.

Request Syntax

```
{  
  "MaxResults": number,  
  "NextToken": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[MaxResults](#)

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

[NextToken](#)

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

Response Syntax

```
{
  "AccountLimits": [
    {
      "Max": number,
      "Name": "string",
      "Used": number
    }
  ],
  "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[AccountLimits](#)

An array of AccountLimit objects that show the current spend limits.

Type: Array of [AccountLimit](#) objects

[NextToken](#)

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeConfigurationSets

Describes the specified configuration sets or all in your account.

If you specify configuration set names, the output includes information for only the specified configuration sets. If you specify filters, the output includes information for only those configuration sets that meet the filter criteria. If you don't specify configuration set names or filters, the output includes information for all configuration sets.

If you specify a configuration set name that isn't valid, an error is returned.

Request Syntax

```
{
  "ConfigurationSetNames": [ "string" ],
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ConfigurationSetNames

An array of strings. Each element can be either a ConfigurationSetName or ConfigurationSetArn.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Filters

An array of filters to apply to the results that are returned.

Type: Array of [ConfigurationSetFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

Response Syntax

```
{
  "ConfigurationSets": [
    {
      "ConfigurationSetArn": "string",
      "ConfigurationSetName": "string",
```

```

    "CreatedTimestamp": number,
    "DefaultMessageFeedbackEnabled": boolean,
    "DefaultMessageType": "string",
    "DefaultSenderId": "string",
    "EventDestinations": [
      {
        "CloudWatchLogsDestination": {
          "IamRoleArn": "string",
          "LogGroupArn": "string"
        },
        "Enabled": boolean,
        "EventDestinationName": "string",
        "KinesisFirehoseDestination": {
          "DeliveryStreamArn": "string",
          "IamRoleArn": "string"
        },
        "MatchingEventTypes": [ "string" ],
        "SnsDestination": {
          "TopicArn": "string"
        }
      }
    ],
    "ProtectConfigurationId": "string"
  }
],
  "NextToken": "string"
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ConfigurationSets

An array of ConfigurationSets objects.

Type: Array of [ConfigurationSetInformation](#) objects

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeKeywords

Describes the specified keywords or all keywords on your origination phone number or pool.

A keyword is a word that you can search for on a particular phone number or pool. It is also a specific word or phrase that an end user can send to your number to elicit a response, such as an informational message or a special offer. When your number receives a message that begins with a keyword, AWS End User Messaging SMS responds with a customizable message.

If you specify a keyword that isn't valid, an error is returned.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "Keywords": [ "string" ],
  "MaxResults": number,
  "NextToken": "string",
  "OriginationIdentity": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of keyword filters to filter the results.

Type: Array of [KeywordFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

Keywords

An array of keywords to search for.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: [\S]+

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

OriginationIdentity

The origination identity to use such as a PhoneNumberId, PhoneNumberArn, SenderId or SenderIdArn. You can use [DescribePhoneNumbers](#) to find the values for PhoneNumberId and PhoneNumberArn while [DescribeSenderIds](#) can be used to get the values for SenderId and SenderIdArn.

⚠ Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "Keywords": [
    {
      "Keyword": "string",
      "KeywordAction": "string",
      "KeywordMessage": "string"
    }
  ],
  "NextToken": "string",
  "OriginationIdentity": "string",
  "OriginationIdentityArn": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Keywords

An array of KeywordInformation objects that contain the results.

Type: Array of [KeywordInformation](#) objects

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

OriginationIdentity

The PhoneNumberId or PoolId that is associated with the OriginationIdentity.

Type: String

OriginationIdentityArn

The PhoneNumberArn or PoolArn that is associated with the OriginationIdentity.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeNotifyConfigurations

Describes the specified notify configurations or all notify configurations in your account.

If you specify notify configuration IDs, the output includes information for only the specified notify configurations. If you specify filters, the output includes information for only those notify configurations that meet the filter criteria. If you don't specify notify configuration IDs or filters, the output includes information for all notify configurations.

If you specify a notify configuration ID that isn't valid, an error is returned.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string",
  "NotifyConfigurationIds": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of `NotifyConfigurationFilter` objects to filter the results on.

Type: Array of [NotifyConfigurationFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

NotifyConfigurationIds

An array of notify configuration IDs to describe.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Response Syntax

```
{  
  "NextToken": "string",  
  "NotifyConfigurations": [  
    "
```

```
{
  "CreatedTimestamp": number,
  "DefaultTemplateId": "string",
  "DeletionProtectionEnabled": boolean,
  "DisplayName": "string",
  "EnabledChannels": [ "string" ],
  "EnabledCountries": [ "string" ],
  "NotifyConfigurationArn": "string",
  "NotifyConfigurationId": "string",
  "PoolId": "string",
  "RejectionReason": "string",
  "Status": "string",
  "Tier": "string",
  "TierUpgradeStatus": "string",
  "UseCase": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

NotifyConfigurations

An array of NotifyConfigurationInformation objects that contain the results.

Type: Array of [NotifyConfigurationInformation](#) objects

Array Members: Minimum number of 1 item. Maximum number of 100 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeNotifyTemplates

Describes the specified notify templates or all notify templates in your account.

If you specify template IDs, the output includes information for only the specified notify templates. If you specify filters, the output includes information for only those notify templates that meet the filter criteria. If you don't specify template IDs or filters, the output includes information for all notify templates.

If you specify a template ID that isn't valid, an error is returned.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string",
  "TemplateIds": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of NotifyTemplateFilter objects to filter the results on.

Type: Array of [NotifyTemplateFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: .+

Required: No

TemplateIds

An array of template IDs to describe.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: ([A-Za-z0-9_-]*|UNSET_DEFAULT_TEMPLATE)

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "NotifyTemplates": [
    {
```

```

    "Channels": [ "string" ],
    "Content": "string",
    "CreatedTimestamp": number,
    "LanguageCode": "string",
    "Status": "string",
    "SupportedCountries": [ "string" ],
    "SupportedVoiceIds": [ "string" ],
    "TemplateId": "string",
    "TemplateType": "string",
    "TierAccess": [ "string" ],
    "Variables": {
      "string" : {
        "DefaultValue": "string",
        "Description": "string",
        "MaxLength": number,
        "MaxValue": number,
        "MinValue": number,
        "Pattern": "string",
        "Required": boolean,
        "Sample": "string",
        "Source": "string",
        "Type": "string"
      }
    },
    "Version": number
  }
]
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

NotifyTemplates

An array of `NotifyTemplateInformation` objects that contain the results.

Type: Array of [NotifyTemplateInformation](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeOptedOutNumbers

Describes the specified opted out destination numbers or all opted out destination numbers in an opt-out list.

If you specify opted out numbers, the output includes information for only the specified opted out numbers. If you specify filters, the output includes information for only those opted out numbers that meet the filter criteria. If you don't specify opted out numbers or filters, the output includes information for all opted out destination numbers in your opt-out list.

If you specify an opted out number that isn't valid, an exception is returned.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string",
  "OptedOutNumbers": [ "string" ],
  "OptOutListName": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of OptedOutFilter objects to filter the results on.

Type: Array of [OptedOutFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

OptedOutNumbers

An array of phone numbers to search for in the OptOutList.

If you specify an opted out number that isn't valid, an exception is returned.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+?[1-9][0-9]{1,18}

Required: No

OptOutListName

The OptOutListName or OptOutListArn of the OptOutList. You can use [DescribeOptOutLists](#) to find the values for OptOutListName and OptOutListArn.

⚠ Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "NextToken": "string",
  "OptedOutNumbers": [
    {
      "EndUserOptedOut": boolean,
      "OptedOutNumber": "string",
      "OptedOutTimestamp": number
    }
  ],
  "OptOutListArn": "string",
  "OptOutListName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

OptedOutNumbers

An array of `OptedOutNumbersInformation` objects that provide information about the requested `OptedOutNumbers`.

Type: Array of [OptedOutNumberInformation](#) objects

OptOutListArn

The Amazon Resource Name (ARN) of the `OptOutList`.

Type: String

OptOutListName

The name of the `OptOutList`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeOptOutLists

Describes the specified opt-out list or all opt-out lists in your account.

If you specify opt-out list names, the output includes information for only the specified opt-out lists. Opt-out lists include only those that meet the filter criteria. If you don't specify opt-out list names or filters, the output includes information for all opt-out lists.

If you specify an opt-out list name that isn't valid, an error is returned.

Request Syntax

```
{  
  "MaxResults": number,  
  "NextToken": "string",  
  "OptOutListNames": [ "string" ],  
  "Owner": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

OptOutListNames

The OptOutLists to show the details of. This is an array of strings that can be either the OptOutListName or OptOutListArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Owner

Use SELF to filter the list of Opt-Out List to ones your account owns or use SHARED to filter on Opt-Out List shared with your account. The Owner and OptOutListNames parameters can't be used at the same time.

Type: String

Valid Values: SELF | SHARED

Required: No

Response Syntax

```
{
```

```
"NextToken": "string",
"OptOutLists": [
  {
    "CreatedTimestamp": number,
    "OptOutListArn": "string",
    "OptOutListName": "string"
  }
]
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

OptOutLists

An array of OptOutListInformation objects that contain the details for the requested OptOutLists.

Type: Array of [OptOutListInformation](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribePhoneNumbers

Describes the specified origination phone number, or all the phone numbers in your account.

If you specify phone number IDs, the output includes information for only the specified phone numbers. If you specify filters, the output includes information for only those phone numbers that meet the filter criteria. If you don't specify phone number IDs or filters, the output includes information for all phone numbers.

If you specify a phone number ID that isn't valid, an error is returned.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string",
  "Owner": "string",
  "PhoneNumberIds": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of PhoneNumberFilter objects to filter the results.

Type: Array of [PhoneNumberFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

Owner

Use SELF to filter the list of phone numbers to ones your account owns or use SHARED to filter on phone numbers shared with your account. The Owner and PhoneNumberIds parameters can't be used at the same time.

Type: String

Valid Values: SELF | SHARED

Required: No

PhoneNumberIds

The unique identifier of phone numbers to find information about. This is an array of strings that can be either the PhoneNumberId or PhoneNumberArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "PhoneNumbers": [
    {
      "CreatedTimestamp": number,
      "DeletionProtectionEnabled": boolean,
      "InternationalSendingEnabled": boolean,
      "IsoCountryCode": "string",
      "MessageType": "string",
      "MonthlyLeasingPrice": "string",
      "NumberCapabilities": [ "string" ],
      "NumberType": "string",
      "OptOutListName": "string",
      "PhoneNumber": "string",
      "PhoneNumberArn": "string",
      "PhoneNumberId": "string",
      "PoolId": "string",
      "RegistrationId": "string",
      "SelfManagedOptOutsEnabled": boolean,
      "Status": "string",
      "TwoWayChannelArn": "string",
      "TwoWayChannelRole": "string",
      "TwoWayEnabled": boolean
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

PhoneNumbers

An array of `PhoneNumberInformation` objects that contain the details for the requested phone numbers.

Type: Array of [PhoneNumberInformation](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribePools

Retrieves the specified pools or all pools associated with your AWS account.

If you specify pool IDs, the output includes information for only the specified pools. If you specify filters, the output includes information for only those pools that meet the filter criteria. If you don't specify pool IDs or filters, the output includes information for all pools.

If you specify a pool ID that isn't valid, an error is returned.

A pool is a collection of phone numbers and SenderIds. A pool can include one or more phone numbers and SenderIds that are associated with your AWS account.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string",
  "Owner": "string",
  "PoolIds": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of PoolFilter objects to filter the results.

Type: Array of [PoolFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

Owner

Use SELF to filter the list of Pools to ones your account owns or use SHARED to filter on Pools shared with your account. The Owner and PoolIds parameters can't be used at the same time.

Type: String

Valid Values: SELF | SHARED

Required: No

PoolIds

The unique identifier of pools to find. This is an array of strings that can be either the PoolId or PoolArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]*

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "Pools": [
    {
      "CreatedTimestamp": number,
      "DeletionProtectionEnabled": boolean,
      "MessageType": "string",
      "OptOutListName": "string",
      "PoolArn": "string",
      "PoolId": "string",
      "SelfManagedOptOutsEnabled": boolean,
      "SharedRoutesEnabled": boolean,
      "Status": "string",
      "TwoWayChannelArn": "string",
      "TwoWayChannelRole": "string",
      "TwoWayEnabled": boolean
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Pools

An array of PoolInformation objects that contain the details for the requested pools.

Type: Array of [PoolInformation](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeProtectConfigurations

Retrieves the protect configurations that match any of filters. If a filter isn't provided then all protect configurations are returned.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string",
  "ProtectConfigurationIds": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of ProtectConfigurationFilter objects to filter the results.

Type: Array of [ProtectConfigurationFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

ProtectConfigurationIds

An array of protect configuration identifiers to search for.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "ProtectConfigurations": [
    {
      "AccountDefault": boolean,
      "CreatedTimestamp": number,
      "DeletionProtectionEnabled": boolean,
      "ProtectConfigurationArn": "string",
      "ProtectConfigurationId": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

ProtectConfigurations

An array of ProtectConfigurationInformation objects that contain the details for the request.

Type: Array of [ProtectConfigurationInformation](#) objects

Array Members: Minimum number of 1 item. Maximum number of 100 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeRcsAgentCountryLaunchStatus

Retrieves the per-country launch status of an RCS agent, including carrier-level details for each country.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "IsoCountryCodes": [ "string" ],
  "MaxResults": number,
  "NextToken": "string",
  "RcsAgentId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of CountryLaunchStatusFilter objects to filter the results.

Type: Array of [CountryLaunchStatusFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

IsoCountryCodes

An array of two-character ISO country codes, in ISO 3166-1 alpha-2 format, to filter the results.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 300 items.

Length Constraints: Fixed length of 2.

Pattern: `[A-Z]{2}`

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

RcsAgentId

The unique identifier of the RCS agent. You can use either the `RcsAgentId` or `RcsAgentArn`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9_:/-]+`

Required: Yes

Response Syntax

```
{  
  "CountryLaunchStatus": [  
    ...  
  ]  
}
```

```
{
  "CarrierStatus": [
    {
      "CarrierName": "string",
      "Status": "string"
    }
  ],
  "IsoCountryCode": "string",
  "RcsPlatformId": "string",
  "RegistrationId": "string",
  "Status": "string"
},
"NextToken": "string",
"RcsAgentArn": "string",
"RcsAgentId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CountryLaunchStatus

An array of CountryLaunchStatusInformation objects that contain the per-country launch status details.

Type: Array of [CountryLaunchStatusInformation](#) objects

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

RcsAgentArn

The Amazon Resource Name (ARN) of the RCS agent.

Type: String

RcsAgentId

The unique identifier for the RCS agent.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeRcsAgents

Retrieves the specified RCS agents or all RCS agents associated with your AWS account.

If you specify RCS agent IDs, the output includes information for only the specified RCS agents. If you specify filters, the output includes information for only those RCS agents that meet the filter criteria. If you don't specify RCS agent IDs or filters, the output includes information for all RCS agents.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string",
  "Owner": "string",
  "RcsAgentIds": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of RcsAgentFilter objects to filter the results.

Type: Array of [RcsAgentFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

Owner

Use SELF to filter the list of RCS agents to ones your account owns or use SHARED to filter on RCS agents shared with your account. The Owner and RcsAgentIds parameters can't be used at the same time.

Type: String

Valid Values: SELF | SHARED

Required: No

RcsAgentIds

An array of unique identifiers for the RCS agents. This is an array of strings that can be either the RcsAgentId or RcsAgentArn.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "RcsAgents": [
    {
      "CreatedTimestamp": number,
      "DeletionProtectionEnabled": boolean,
      "OptOutListName": "string",
      "PoolId": "string",
      "RcsAgentArn": "string",
      "RcsAgentId": "string",
      "SelfManagedOptOutsEnabled": boolean,
      "Status": "string",
      "TestingAgent": {
        "RegistrationId": "string",
        "Status": "string",
        "TestingAgentId": "string"
      },
      "TwoWayChannelArn": "string",
      "TwoWayChannelRole": "string",
      "TwoWayEnabled": boolean
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

RcsAgents

An array of `RcsAgentInformation` objects that contain the details for the requested RCS agents.

Type: Array of [RcsAgentInformation](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeRegistrationAttachments

Retrieves the specified registration attachments or all registration attachments associated with your AWS account.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string",
  "RegistrationAttachmentIds": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of RegistrationAttachmentFilter objects to filter the results.

Type: Array of [RegistrationAttachmentFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

RegistrationAttachmentIds

The unique identifier of registration attachments to find. This is an array of **RegistrationAttachmentId**.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "RegistrationAttachments": [
    {
      "AttachmentStatus": "string",
      "AttachmentUploadErrorReason": "string",
      "AttachmentUrl": "string",
      "CreatedTimestamp": number,
      "RegistrationAttachmentArn": "string",
      "RegistrationAttachmentId": "string"
    }
  ]
}
```



```
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

RegistrationAttachments

An array of **RegistrationAttachments** objects that contain the details for the requested registration attachments.

Type: Array of [RegistrationAttachmentsInformation](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeRegistrationFieldDefinitions

Retrieves the specified registration type field definitions. You can use `DescribeRegistrationFieldDefinitions` to view the requirements for creating, filling out, and submitting each registration type.

Request Syntax

```
{  
  "FieldPaths": [ "string" ],  
  "MaxResults": number,  
  "NextToken": "string",  
  "RegistrationType": "string",  
  "SectionPath": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

FieldPaths

An array of paths to the registration form field.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `[A-Za-z0-9_\.]+`

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the [DescribeRegistrationTypeDefinitions](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_]+

Required: Yes

SectionPath

The path to the section of the registration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [A-Za-z0-9_]+

Required: No

Response Syntax

```
{
```

```

"NextToken": "string",
"RegistrationFieldDefinitions": [
  {
    "DisplayHints": {
      "DocumentationLink": "string",
      "DocumentationTitle": "string",
      "ExampleTextValue": "string",
      "LongDescription": "string",
      "SelectOptionDescriptions": [
        {
          "Description": "string",
          "Option": "string",
          "Title": "string"
        }
      ],
      "ShortDescription": "string",
      "TextValidationDescription": "string",
      "Title": "string"
    },
    "FieldPath": "string",
    "FieldRequirement": "string",
    "FieldType": "string",
    "SectionPath": "string",
    "SelectValidation": {
      "MaxChoices": number,
      "MinChoices": number,
      "Options": [ "string" ]
    },
    "TextValidation": {
      "MaxLength": number,
      "MinLength": number,
      "Pattern": "string"
    }
  }
],
"RegistrationType": "string"
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

RegistrationFieldDefinitions

An array of RegistrationFieldDefinitions objects that contain the details for the requested fields.

Type: Array of [RegistrationFieldDefinition](#) objects

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the [DescribeRegistrationTypeDefinitions](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeRegistrationFieldValues

Retrieves the specified registration field values.

Request Syntax

```
{  
  "FieldPaths": [ "string" ],  
  "MaxResults": number,  
  "NextToken": "string",  
  "RegistrationId": "string",  
  "SectionPath": "string",  
  "VersionNumber": number  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

FieldPaths

An array of paths to the registration form field.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [A-Za-z0-9_\.]+

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

RegistrationId

The unique identifier for the registration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

SectionPath

The path to the section of the registration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [A-Za-z0-9_]+

Required: No

VersionNumber

The version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "RegistrationArn": "string",
  "RegistrationFieldValues": [
    {
      "DeniedReason": "string",
      "Feedback": "string",
      "FieldPath": "string",
      "RegistrationAttachmentId": "string",
      "SelectChoices": [ "string" ],
      "TextValue": "string"
    }
  ],
  "RegistrationId": "string",
  "VersionNumber": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationFieldValues

An array of RegistrationFieldValues objects that contain the values for the requested registration.

Type: Array of [RegistrationFieldValueInformation](#) objects

RegistrationId

The unique identifier for the registration.

Type: String

VersionNumber

The current version of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeRegistrations

Retrieves the specified registrations.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string",
  "RegistrationIds": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of RegistrationFilter objects to filter the results.

Type: Array of [RegistrationFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: .+

Required: No

RegistrationIds

An array of unique identifiers for each registration.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "Registrations": [
    {
      "AdditionalAttributes": {
        "string" : "string"
      },
      "ApprovedVersionNumber": number,
      "CreatedTimestamp": number,
      "CurrentVersionNumber": number,
      "LatestDeniedVersionNumber": number,
      "RegistrationArn": "string",
      "RegistrationId": "string",
      "RegistrationStatus": "string",
      "RegistrationType": "string"
    }
  ]
}
```

```
}  
]  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Registrations

An array of RegistrationInformation objects.

Type: Array of [RegistrationInformation](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeRegistrationSectionDefinitions

Retrieves the specified registration section definitions. You can use DescribeRegistrationSectionDefinitions to view the requirements for creating, filling out, and submitting each registration type.

Request Syntax

```
{  
  "MaxResults": number,  
  "NextToken": "string",  
  "RegistrationType": "string",  
  "SectionPaths": [ "string" ]  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the [DescribeRegistrationTypeDefinitions](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_]+

Required: Yes

SectionPaths

An array of paths for the registration form section.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [A-Za-z0-9_]+

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "RegistrationSectionDefinitions": [
    {
      "DisplayHints": {
        "DocumentationLink": "string",
        "DocumentationTitle": "string",
        "LongDescription": "string",
        "ShortDescription": "string",
        "Title": "string"
      },
      "SectionPath": "string"
    }
  ]
}
```

```
    }  
  ],  
  "RegistrationType": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[NextToken](#)

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

[RegistrationSectionDefinitions](#)

An array of RegistrationSectionDefinition objects.

Type: Array of [RegistrationSectionDefinition](#) objects

[RegistrationType](#)

The type of registration form. The list of **RegistrationTypes** can be found using the [DescribeRegistrationTypeDefinitions](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeRegistrationTypeDefinitions

Retrieves the specified registration type definitions. You can use `DescribeRegistrationTypeDefinitions` to view the requirements for creating, filling out, and submitting each registration type.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string",
  "RegistrationTypes": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of `RegistrationFilter` objects to filter the results.

Type: Array of [RegistrationTypeFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

RegistrationTypes

The type of registration form. The list of **RegistrationTypes** can be found using the [DescribeRegistrationTypeDefinitions](#) action.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_]+

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "RegistrationTypeDefinitions": [
    {
      "DisplayHints": {
        "DocumentationLink": "string",
        "DocumentationTitle": "string",
        "LongDescription": "string",
        "ShortDescription": "string",
        "Title": "string"
      },
      "RegistrationType": "string",
```

```
    "SupportedAssociations": [  
      {  
        "AssociationBehavior": "string",  
        "DisassociationBehavior": "string",  
        "IsoCountryCode": "string",  
        "ResourceType": "string"  
      }  
    ]  
  }  
]
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[NextToken](#)

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

[RegistrationTypeDefinitions](#)

The type of registration form. The list of **RegistrationTypes** can be found using the [DescribeRegistrationTypeDefinitions](#) action.

Type: Array of [RegistrationTypeDefinition](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeRegistrationVersions

Retrieves the specified registration version.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string",
  "RegistrationId": "string",
  "VersionNumbers": [ number ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of RegistrationVersionFilter objects to filter the results.

Type: Array of [RegistrationVersionFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

RegistrationId

The unique identifier for the registration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

VersionNumbers

An array of registration version numbers.

Type: Array of longs

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Valid Range: Minimum value of 1. Maximum value of 100000.

Required: No

Response Syntax

```
{  
  "NextToken": "string",  
  "RegistrationArn": "string",
```



```

    "RegistrationId": "string",
    "RegistrationVersions": [
      {
        "DeniedReasons": [
          {
            "DocumentationLink": "string",
            "DocumentationTitle": "string",
            "LongDescription": "string",
            "Reason": "string",
            "ShortDescription": "string"
          }
        ],
        "Feedback": "string",
        "RegistrationVersionStatus": "string",
        "RegistrationVersionStatusHistory": {
          "ApprovedTimestamp": number,
          "ArchivedTimestamp": number,
          "AwsReviewingTimestamp": number,
          "DeniedTimestamp": number,
          "DiscardedTimestamp": number,
          "DraftTimestamp": number,
          "RequiresAuthenticationTimestamp": number,
          "ReviewingTimestamp": number,
          "RevokedTimestamp": number,
          "SubmittedTimestamp": number
        },
        "VersionNumber": number
      }
    ]
  }

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationVersions

An array of RegistrationVersions objects.

Type: Array of [RegistrationVersionInformation](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeSenderIds

Describes the specified SenderIds or all SenderIds associated with your AWS account.

If you specify SenderIds, the output includes information for only the specified SenderIds. If you specify filters, the output includes information for only those SenderIds that meet the filter criteria. If you don't specify SenderIds or filters, the output includes information for all SenderIds.

If you specify a sender ID that isn't valid, an error is returned.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string",
  "Owner": "string",
  "SenderIds": [
    {
      "IsoCountryCode": "string",
      "SenderId": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of SenderIdFilter objects to filter the results.

Type: Array of [SenderIdFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

Owner

Use SELF to filter the list of Sender Ids to ones your account owns or use SHARED to filter on Sender Ids shared with your account. The Owner and SenderIds parameters can't be used at the same time.

Type: String

Valid Values: SELF | SHARED

Required: No

SenderIds

An array of SenderIdAndCountry objects to search for.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: Array of [SenderIdAndCountry](#) objects

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "SenderIds": [
    {
      "DeletionProtectionEnabled": boolean,
      "IsoCountryCode": "string",
      "MessageTypes": [ "string" ],
      "MonthlyLeasingPrice": "string",
      "Registered": boolean,
      "RegistrationId": "string",
      "SenderId": "string",
      "SenderIdArn": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[NextToken](#)

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

SenderIds

An array of `SenderIdInformation` objects that contain the details for the requested `SenderIds`.

Type: Array of [SenderIdInformation](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeSpendLimits

Describes the current monthly spend limits for sending voice and text messages.

When you establish an AWS account, the account has initial monthly spend limit in a given Region. For more information on increasing your monthly spend limit, see [Requesting increases to your monthly SMS, MMS, or Voice spending quota](#) in the *AWS End User Messaging SMS User Guide*.

Request Syntax

```
{  
  "MaxResults": number,  
  "NextToken": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[MaxResults](#)

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

[NextToken](#)

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "SpendLimits": [
    {
      "EnforcedLimit": number,
      "MaxLimit": number,
      "Name": "string",
      "Overridden": boolean
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[NextToken](#)

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

[SpendLimits](#)

An array of SpendLimit objects that contain the details for the requested spend limits.

Type: Array of [SpendLimit](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DescribeVerifiedDestinationNumbers

Retrieves the specified verified destination numbers.

Request Syntax

```
{  
  "DestinationPhoneNumbers": [ "string" ],  
  "Filters": [  
    {  
      "Name": "string",  
      "Values": [ "string" ]  
    }  
  ],  
  "MaxResults": number,  
  "NextToken": "string",  
  "VerifiedDestinationNumberIds": [ "string" ]  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[DestinationPhoneNumbers](#)

An array of verified destination phone number, in E.164 format.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+?[1-9][0-9]{1,18}

Required: No

[Filters](#)

An array of VerifiedDestinationNumberFilter objects to filter the results.

Type: Array of [VerifiedDestinationNumberFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

[MaxResults](#)

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

[NextToken](#)

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

[VerifiedDestinationNumberIds](#)

An array of VerifiedDestinationNumberid to retrieve.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Response Syntax

```
{
```

```
"NextToken": "string",
"VerifiedDestinationNumbers": [
  {
    "CreatedTimestamp": number,
    "DestinationPhoneNumber": "string",
    "RcsAgentId": "string",
    "Status": "string",
    "VerifiedDestinationNumberArn": "string",
    "VerifiedDestinationNumberId": "string"
  }
]
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

VerifiedDestinationNumbers

An array of VerifiedDestinationNumberInformation objects

Type: Array of [VerifiedDestinationNumberInformation](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DisassociateOriginationIdentity

Removes the specified origination identity from an existing pool.

If the origination identity isn't associated with the specified pool, an error is returned.

Request Syntax

```
{  
  "ClientToken": "string",  
  "IsoCountryCode": "string",  
  "OriginationIdentity": "string",  
  "PoolId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[!-~]+`

Required: No

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region. This field is optional and is not required for origination identity types that are not country-specific, such as RCS agents.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: No

OriginationIdentity

The origination identity to use such as a PhoneNumberId, PhoneNumberArn, SenderId or SenderIdArn. You can use [DescribePhoneNumbers](#) find the values for PhoneNumberId and PhoneNumberArn, or use [DescribeSenderIds](#) to get the values for SenderId and SenderIdArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

PoolId

The unique identifier for the pool to disassociate with the origination identity. This value can be either the PoolId or PoolArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]*

Required: Yes

Response Syntax

```
{  
  "IsoCountryCode": "string",  
  "OriginationIdentity": "string",  
  "OriginationIdentityArn": "string",  
  "PoolArn": "string",  
  "PoolId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[IsoCountryCode](#)

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

[OriginationIdentity](#)

The PhoneNumberId or SenderId of the origination identity.

Type: String

[OriginationIdentityArn](#)

The PhoneNumberArn or SenderIdArn of the origination identity.

Type: String

[PoolArn](#)

The Amazon Resource Name (ARN) of the pool.

Type: String

PoolId

The PoolId of the pool no longer associated with the origination identity.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DisassociateProtectConfiguration

Disassociate a protect configuration from a configuration set.

Request Syntax

```
{  
  "ConfigurationSetName": "string",  
  "ProtectConfigurationId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[ConfigurationSetName](#)

The name of the ConfigurationSet.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

[ProtectConfigurationId](#)

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "ConfigurationSetArn": "string",
  "ConfigurationSetName": "string",
  "ProtectConfigurationArn": "string",
  "ProtectConfigurationId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ConfigurationSetArn

The Amazon Resource Name (ARN) of the configuration set.

Type: String

ConfigurationSetName

The name of the ConfigurationSet.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

ProtectConfigurationArn

The Amazon Resource Name (ARN) of the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: arn:\S+

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DiscardRegistrationVersion

Discard the current version of the registration.

Request Syntax

```
{  
  "RegistrationId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[RegistrationId](#)

The unique identifier for the registration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "RegistrationArn": "string",  
  "RegistrationId": "string",  
  "RegistrationVersionStatus": "string",  
  "RegistrationVersionStatusHistory": {  
    "ApprovedTimestamp": number,  
    "ArchivedTimestamp": number,  
    "AwsReviewingTimestamp": number,  
    "DeniedTimestamp": number,  
    "DiscardedTimestamp": number,  
  }
```

```
  "DraftTimestamp": number,
  "RequiresAuthenticationTimestamp": number,
  "ReviewingTimestamp": number,
  "RevokedTimestamp": number,
  "SubmittedTimestamp": number
},
"VersionNumber": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationVersionStatus

The status of the registration version.

- APPROVED: Your registration has been approved.
- ARCHIVED: Your previously approved registration version moves into this status when a more recently submitted version is approved.
- DENIED: You must fix your registration and resubmit it.
- DISCARDED: You've abandon this version of their registration to start over with a new version.
- DRAFT: The initial status of a registration version after it's created.
- REQUIRES_AUTHENTICATION: You need to complete email authentication.
- REVIEWING: Your registration has been accepted and is being reviewed.
- REVOKED: Your previously approved registration has been revoked.
- SUBMITTED: Your registration has been submitted.

Type: String

Valid Values: DRAFT | SUBMITTED | AWS_REVIEWING | REVIEWING |
REQUIRES_AUTHENTICATION | APPROVED | DISCARDED | DENIED | REVOKED |
ARCHIVED | REQUIRES_OFFLINE_REVIEW

RegistrationVersionStatusHistory

The **RegistrationVersionStatusHistory** object contains the time stamps for when the reservations status changes.

Type: [RegistrationVersionStatusHistory](#) object

VersionNumber

The version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetProtectConfigurationCountryRuleSet

Retrieve the CountryRuleSet for the specified NumberCapability from a protect configuration.

Request Syntax

```
{  
  "NumberCapability": "string",  
  "ProtectConfigurationId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

NumberCapability

The capability type to return the CountryRuleSet for. Valid values are SMS, VOICE, or MMS.

Type: String

Valid Values: SMS | VOICE | MMS | RCS

Required: Yes

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
```

```
"CountryRuleSet": {
  "string" : {
    "ProtectStatus": "string"
  }
},
"NumberCapability": "string",
"ProtectConfigurationArn": "string",
"ProtectConfigurationId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CountryRuleSet

A map of ProtectConfigurationCountryRuleSetInformation objects that contain the details for the requested NumberCapability. The Key is the two-letter ISO country code. For a list of supported ISO country codes, see [Supported countries and regions \(SMS channel\)](#) in the AWS End User Messaging SMS User Guide.

Type: String to [ProtectConfigurationCountryRuleSetInformation](#) object map

Map Entries: Maximum number of 300 items.

Key Length Constraints: Fixed length of 2.

Key Pattern: [A-Z]{2}

NumberCapability

The capability type associated with the returned ProtectConfigurationCountryRuleSetInformation objects.

Type: String

Valid Values: SMS | VOICE | MMS | RCS

ProtectConfigurationArn

The Amazon Resource Name (ARN) of the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `arn:\S+`

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_-]+`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetResourcePolicy

Retrieves the JSON text of the resource-based policy document attached to the AWS End User Messaging SMS resource. A shared resource can be a Pool, Opt-out list, Sender Id, or Phone number.

Request Syntax

```
{  
  "ResourceArn": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ResourceArn

The Amazon Resource Name (ARN) of the AWS End User Messaging SMS resource attached to the resource-based policy.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Required: Yes

Response Syntax

```
{  
  "CreatedTimestamp": number,  
  "Policy": "string",  
  "ResourceArn": "string"  
}
```


Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the resource-based policy was created, in [UNIX epoch time](#) format.

Type: Timestamp

Policy

The JSON formatted string that contains the resource-based policy attached to the AWS End User Messaging SMS resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10000.

ResourceArn

The Amazon Resource Name (ARN) of the AWS End User Messaging SMS resource attached to the resource-based policy.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListNotifyCountries

Lists countries that support notify messaging. You can optionally filter by channel, use case, or tier.

Request Syntax

```
{  
  "Channels": [ "string" ],  
  "MaxResults": number,  
  "NextToken": "string",  
  "Tier": "string",  
  "UseCases": [ "string" ]  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Channels

An array of channels to filter the results by.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: SMS | VOICE | MMS | RCS

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

Tier

The tier to filter the results by.

Type: String

Valid Values: BASIC | ADVANCED

Required: No

UseCases

An array of use cases to filter the results by.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: CODE_VERIFICATION

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "NotifyCountries": [
    {
      "CountryName": "string",
      "CustomerOwnedIdentityRequired": boolean,
      "IsoCountryCode": "string",
```

```
    "SupportedChannels": [ "string" ],
    "SupportedTiers": [ "string" ],
    "SupportedUseCases": [ "string" ]
  }
]
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[NextToken](#)

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

[NotifyCountries](#)

An array of [NotifyCountryInformation](#) objects that contain the results.

Type: Array of [NotifyCountryInformation](#) objects

Array Members: Minimum number of 0 items. Maximum number of 300 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListPoolOriginationIdentities

Lists all associated origination identities in your pool.

If you specify filters, the output includes information for only those origination identities that meet the filter criteria.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string",
  "PoolId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of PoolOriginationIdentitiesFilter objects to filter the results..

Type: Array of [PoolOriginationIdentitiesFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

PoolId

The unique identifier for the pool. This value can be either the PoolId or PoolArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]*

Required: Yes

Response Syntax

```
{
  "NextToken": "string",
  "OriginationIdentities": [
    {
      "IsoCountryCode": "string",
```

```
    "NumberCapabilities": [ "string" ],
    "OriginationIdentity": "string",
    "OriginationIdentityArn": "string",
    "PhoneNumber": "string"
  }
],
"PoolArn": "string",
"PoolId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

OriginationIdentities

An array of any OriginationIdentityMetadata objects.

Type: Array of [OriginationIdentityMetadata](#) objects

PoolArn

The Amazon Resource Name (ARN) for the pool.

Type: String

PoolId

The unique PoolId of the pool.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListProtectConfigurationRuleSetNumberOverrides

Retrieve all of the protect configuration rule set number overrides that match the filters.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string",
  "ProtectConfigurationId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of ProtectConfigurationRuleSetNumberOverrideFilterItem objects to filter the results.

Type: Array of [ProtectConfigurationRuleSetNumberOverrideFilterItem](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

Required: No

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "NextToken": "string",
  "ProtectConfigurationArn": "string",
  "ProtectConfigurationId": "string",
  "RuleSetNumberOverrides": [
    {
      "Action": "string",
      "CreatedTimestamp": number,
      "DestinationPhoneNumber": "string",
      "ExpirationTimestamp": number,
      "IsoCountryCode": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

ProtectConfigurationArn

The Amazon Resource Name (ARN) of the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: arn:\S+

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

RuleSetNumberOverrides

An array of RuleSetNumberOverrides objects.

Type: Array of [ProtectConfigurationRuleSetNumberOverride](#) objects

Array Members: Minimum number of 1 item. Maximum number of 100 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
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- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListRegistrationAssociations

Retrieve all of the origination identities that are associated with a registration.

Request Syntax

```
{
  "Filters": [
    {
      "Name": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxResults": number,
  "NextToken": "string",
  "RegistrationId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Filters

An array of RegistrationAssociationFilter to apply to the results that are returned.

Type: Array of [RegistrationAssociationFilter](#) objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: .+

Required: No

RegistrationId

The unique identifier for the registration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "NextToken": "string",
  "RegistrationArn": "string",
  "RegistrationAssociations": [
    {
      "IsoCountryCode": "string",
      "PhoneNumber": "string",
      "ResourceArn": "string",
      "ResourceId": "string",
      "ResourceType": "string"
    }
  ],
  "RegistrationId": "string",
  "RegistrationType": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: . +

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationAssociations

An array of RegistrationAssociationMetadata objects.

Type: Array of [RegistrationAssociationMetadata](#) objects

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the [DescribeRegistrationTypeDefinitions](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListTagsForResource

List all tags associated with a resource.

Request Syntax

```
{  
  "ResourceArn": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ResourceArn

The Amazon Resource Name (ARN) of the resource to query for.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Required: Yes

Response Syntax

```
{  
  "ResourceArn": "string",  
  "Tags": [  
    {  
      "Key": "string",  
      "Value": "string"  
    }  
  ]  
}
```


Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ResourceArn

The ARN of the resource.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Tags

An array of key and value pair tags that are associated with the resource.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

PutKeyword

Creates or updates a keyword configuration on an origination phone number or pool.

A keyword is a word that you can search for on a particular phone number or pool. It is also a specific word or phrase that an end user can send to your number to elicit a response, such as an informational message or a special offer. When your number receives a message that begins with a keyword, AWS End User Messaging SMS responds with a customizable message.

If you specify a keyword that isn't valid, an error is returned.

Request Syntax

```
{  
  "Keyword": "string",  
  "KeywordAction": "string",  
  "KeywordMessage": "string",  
  "OriginationIdentity": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Keyword

The new keyword to add.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: [\S]+

Required: Yes

KeywordAction

The action to perform for the new keyword when it is received.

- **AUTOMATIC_RESPONSE:** A message is sent to the recipient.
- **OPT_OUT:** Keeps the recipient from receiving future messages.
- **OPT_IN:** The recipient wants to receive future messages.

Type: String

Valid Values: AUTOMATIC_RESPONSE | OPT_OUT | OPT_IN

Required: No

KeywordMessage

The message associated with the keyword.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1600.

Pattern: (?!\\s*\$)[\\s\\S]+

Required: Yes

OriginationIdentity

The origination identity to use such as a PhoneNumberId, PhoneNumberArn, SenderId or SenderIdArn. You can use [DescribePhoneNumbers](#) get the values for PhoneNumberId and PhoneNumberArn while [DescribeSenderIds](#) can be used to get the values for SenderId and SenderIdArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "Keyword": "string",  
  "KeywordAction": "string",  
  "KeywordMessage": "string",  
  "OriginationIdentity": "string",  
  "OriginationIdentityArn": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[Keyword](#)

The keyword that was added.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: [\S]+

[KeywordAction](#)

The action to perform when the keyword is used.

Type: String

Valid Values: AUTOMATIC_RESPONSE | OPT_OUT | OPT_IN

[KeywordMessage](#)

The message associated with the keyword.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1600.

Pattern: (?!\\s*\$)[\\s\\S]+

OriginationIdentity

The PhoneNumberId or PoolId that the keyword was associated with.

Type: String

OriginationIdentityArn

The PhoneNumberArn or PoolArn that the keyword was associated with.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

PutMessageFeedback

Set the MessageFeedbackStatus as RECEIVED or FAILED for the passed in MessageId.

If you use message feedback then you must update message feedback record. When you receive a signal that a user has received the message you must use PutMessageFeedback to set the message feedback record as RECEIVED; Otherwise, an hour after the message feedback record is set to FAILED.

Request Syntax

```
{  
  "MessageFeedbackStatus": "string",  
  "MessageId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

MessageFeedbackStatus

Set the message feedback to be either RECEIVED or FAILED.

Type: String

Valid Values: RECEIVED | FAILED

Required: Yes

MessageId

The unique identifier for the message.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "MessageFeedbackStatus": "string",  
  "MessageId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[MessageFeedbackStatus](#)

The current status of the message.

Type: String

Valid Values: RECEIVED | FAILED

[MessageId](#)

The unique identifier for the message.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_:/-]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

PutOptedOutNumber

Creates an opted out destination phone number in the opt-out list.

If the destination phone number isn't valid or if the specified opt-out list doesn't exist, an error is returned.

Request Syntax

```
{  
  "OptedOutNumber": "string",  
  "OptOutListName": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

OptedOutNumber

The phone number to add to the OptOutList in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

Required: Yes

OptOutListName

The OptOutListName or OptOutListArn to add the phone number to.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "EndUserOptedOut": boolean,
  "OptedOutNumber": "string",
  "OptedOutTimestamp": number,
  "OptOutListArn": "string",
  "OptOutListName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

EndUserOptedOut

This is true if it was the end user who requested their phone number be removed.

Type: Boolean

OptedOutNumber

The phone number that was added to the OptOutList.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

OptedOutTimestamp

The time that the phone number was added to the OptOutList, in [UNIX epoch time](#) format.

Type: Timestamp

OptOutListArn

The OptOutListArn that the phone number was removed from.

Type: String

OptOutListName

The OptOutListName that the phone number was removed from.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

PutProtectConfigurationRuleSetNumberOverride

Create or update a phone number rule override and associate it with a protect configuration.

Request Syntax

```
{  
  "Action": "string",  
  "ClientToken": "string",  
  "DestinationPhoneNumber": "string",  
  "ExpirationTimestamp": number,  
  "ProtectConfigurationId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

Action

The action for the rule to either block or allow messages to the destination phone number.

Type: String

Valid Values: ALLOW | BLOCK

Required: Yes

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [!-~]+

Required: No

DestinationPhoneNumber

The destination phone number in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

Required: Yes

ExpirationTimestamp

The time the rule will expire at. If ExpirationTimestamp is not set then the rule does not expire.

Type: Timestamp

Required: No

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "Action": "string",
  "CreatedTimestamp": number,
  "DestinationPhoneNumber": "string",
  "ExpirationTimestamp": number,
  "IsoCountryCode": "string",
  "ProtectConfigurationArn": "string",
  "ProtectConfigurationId": "string"
```

```
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Action

The action for the rule to take.

Type: String

Valid Values: ALLOW | BLOCK

CreatedTimestamp

The time when the rule was created, in [UNIX epoch time](#) format.

Type: Timestamp

DestinationPhoneNumber

The destination phone number in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

ExpirationTimestamp

The time the rule will expire at.

Type: Timestamp

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

ProtectConfigurationArn

The Amazon Resource Name (ARN) of the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: arn:\S+

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

PutRegistrationFieldValue

Creates or updates a field value for a registration.

Request Syntax

```
{  
  "FieldPath": "string",  
  "RegistrationAttachmentId": "string",  
  "RegistrationId": "string",  
  "SelectChoices": [ "string" ],  
  "TextValue": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

FieldPath

The path to the registration form field. You can use [DescribeRegistrationFieldDefinitions](#) for a list of **FieldPaths**.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [A-Za-z0-9_\.\.]+

Required: Yes

RegistrationAttachmentId

The unique identifier for the registration attachment.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

RegistrationId

The unique identifier for the registration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

SelectChoices

An array of values for the form field.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

TextValue

The text data for a free form field.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

Response Syntax

```
{
  "FieldPath": "string",
  "RegistrationArn": "string",
  "RegistrationAttachmentId": "string",
  "RegistrationId": "string",
  "SelectChoices": [ "string" ],
```

```
"TextValue": "string",  
"VersionNumber": number  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[FieldPath](#)

The path to the registration form field. You can use [DescribeRegistrationFieldDefinitions](#) for a list of **FieldPaths**.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [A-Za-z0-9_\.\.]+

[RegistrationArn](#)

The Amazon Resource Name (ARN) for the registration.

Type: String

[RegistrationAttachmentId](#)

The unique identifier for the registration attachment.

Type: String

[RegistrationId](#)

The unique identifier for the registration.

Type: String

[SelectChoices](#)

An array of values for the form field.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Length Constraints: Minimum length of 1. Maximum length of 256.

TextValue

The text data for a free form field.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

VersionNumber

The version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

PutResourcePolicy

Attaches a resource-based policy to a AWS End User Messaging SMS resource(phone number, sender Id, phone poll, or opt-out list) that is used for sharing the resource. A shared resource can be a Pool, Opt-out list, Sender Id, or Phone number. For more information about resource-based policies, see [Working with shared resources](#) in the *AWS End User Messaging SMS User Guide*.

Request Syntax

```
{  
  "Policy": "string",  
  "ResourceArn": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[Policy](#)

The JSON formatted resource-based policy to attach.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10000.

Required: Yes

[ResourceArn](#)

The Amazon Resource Name (ARN) of the AWS End User Messaging SMS resource to attach the resource-based policy to.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Required: Yes

Response Syntax

```
{  
  "CreatedTimestamp": number,  
  "Policy": "string",  
  "ResourceArn": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[CreatedTimestamp](#)

The time when the resource-based policy was created, in [UNIX epoch time](#) format.

Type: Timestamp

[Policy](#)

The JSON formatted Resource Policy.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10000.

[ResourceArn](#)

The Amazon Resource Name (ARN) of the AWS End User Messaging SMS resource attached to the resource-based policy.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ReleasePhoneNumber

Releases an existing origination phone number in your account. Once released, a phone number is no longer available for sending messages.

If the origination phone number has deletion protection enabled or is associated with a pool, an error is returned.

Request Syntax

```
{  
  "PhoneNumberId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

PhoneNumberId

The PhoneNumberId or PhoneNumberArn of the phone number to release. You can use [DescribePhoneNumbers](#) to get the values for PhoneNumberId and PhoneNumberArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "CreatedTimestamp": number,
  "IsoCountryCode": "string",
  "MessageType": "string",
  "MonthlyLeasingPrice": "string",
  "NumberCapabilities": [ "string" ],
  "NumberType": "string",
  "OptOutListName": "string",
  "PhoneNumber": "string",
  "PhoneNumberArn": "string",
  "PhoneNumberId": "string",
  "RegistrationId": "string",
  "SelfManagedOptOutsEnabled": boolean,
  "Status": "string",
  "TwoWayChannelArn": "string",
  "TwoWayChannelRole": "string",
  "TwoWayEnabled": boolean
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the phone number was created, in [UNIX epoch time](#) format.

Type: Timestamp

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: `[A-Z]{2}`

MessageType

The message type that was associated with the phone number.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

MonthlyLeasingPrice

The monthly price of the phone number, in US dollars.

Type: String

NumberCapabilities

Specifies if the number could be used for text messages, voice, or both.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: SMS | VOICE | MMS | RCS

NumberType

The type of number that was released.

Type: String

Valid Values: SHORT_CODE | LONG_CODE | TOLL_FREE | TEN_DLC | SIMULATOR

OptOutListName

The name of the OptOutList that was associated with the phone number.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

PhoneNumber

The phone number that was released.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+?[1-9][0-9]{1,18}

PhoneNumberArn

The PhoneNumberArn of the phone number that was released.

Type: String

PhoneNumberId

The PhoneNumberId of the phone number that was released.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

SelfManagedOptOutsEnabled

By default this is set to false. When set to false and an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, AWS End User Messaging SMS automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

Status

The current status of the request.

Type: String

Valid Values: PENDING | ACTIVE | ASSOCIATING | DISASSOCIATING | DELETED

TwoWayChannelArn

The Amazon Resource Name (ARN) of the TwoWayChannel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: arn:\S+

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ReleaseSenderId

Releases an existing sender ID in your account.

Request Syntax

```
{  
  "IsoCountryCode": "string",  
  "SenderId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: Yes

SenderId

The sender ID to release.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "IsoCountryCode": "string",
  "MessageTypes": [ "string" ],
  "MonthlyLeasingPrice": "string",
  "Registered": boolean,
  "RegistrationId": "string",
  "SenderId": "string",
  "SenderIdArn": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

MessageTypes

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Valid Values: TRANSACTIONAL | PROMOTIONAL

MonthlyLeasingPrice

The monthly price, in US dollars, to lease the sender ID.

Type: String

Registered

True if the sender ID is registered.

Type: Boolean

RegistrationId

The unique identifier for the registration.

Type: String

SenderId

The sender ID that was released.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

Pattern: [A-Za-z0-9_-]+

SenderIdArn

The Amazon Resource Name (ARN) associated with the SenderId.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

RequestPhoneNumber

Request an origination phone number for use in your account. For more information on phone number request see [Request a phone number](#) in the *AWS End User Messaging SMS User Guide*.

Request Syntax

```
{
  "ClientToken": "string",
  "DeletionProtectionEnabled": boolean,
  "InternationalSendingEnabled": boolean,
  "IsoCountryCode": "string",
  "MessageType": "string",
  "NumberCapabilities": [ "string" ],
  "NumberType": "string",
  "OptOutListName": "string",
  "PoolId": "string",
  "RegistrationId": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[ClientToken](#)

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [! - ~] +

Required: No

DeletionProtectionEnabled

By default this is set to false. When set to true the phone number can't be deleted.

Type: Boolean

Required: No

InternationalSendingEnabled

By default this is set to false. When set to true the international sending of phone number is Enabled.

Type: Boolean

Required: No

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: Yes

MessageType

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

Required: Yes

NumberCapabilities

Indicates if the phone number will be used for text messages, voice messages, or both.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: SMS | VOICE | MMS | RCS

Required: Yes

NumberType

The type of phone number to request.

When you request a SIMULATOR phone number, you must set **MessageType** as TRANSACTIONAL.

Type: String

Valid Values: LONG_CODE | TOLL_FREE | TEN_DLC | SIMULATOR

Required: Yes

OptOutListName

The name of the OptOutList to associate with the phone number. You can use the OptOutListName or OptOutListArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

PoolId

The pool to associated with the phone number. You can use the PoolId or PoolArn.

⚠ Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]*

Required: No

RegistrationId

Use this field to attach your phone number for an external registration process.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Tags

An array of tags (key and value pairs) to associate with the requested phone number.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{  
  "CreatedTimestamp": number,  
  "DeletionProtectionEnabled": boolean,  
  "InternationalSendingEnabled": boolean,  
  "IsoCountryCode": "string",  
}
```

```
"MessageType": "string",
"MonthlyLeasingPrice": "string",
"NumberCapabilities": [ "string" ],
"NumberType": "string",
"OptOutListName": "string",
"PhoneNumber": "string",
"PhoneNumberArn": "string",
"PhoneNumberId": "string",
"PoolId": "string",
"RegistrationId": "string",
"SelfManagedOptOutsEnabled": boolean,
"Status": "string",
"Tags": [
  {
    "Key": "string",
    "Value": "string"
  }
],
"TwoWayChannelArn": "string",
"TwoWayChannelRole": "string",
"TwoWayEnabled": boolean
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the phone number was created, in [UNIX epoch time](#) format.

Type: Timestamp

DeletionProtectionEnabled

By default this is set to false. When set to true the phone number can't be deleted.

Type: Boolean

InternationalSendingEnabled

By default this is set to false. When set to true the international sending of phone number is Enabled.

Type: Boolean

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

MessageType

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

MonthlyLeasingPrice

The monthly price, in US dollars, to lease the phone number.

Type: String

NumberCapabilities

Indicates if the phone number will be used for text messages, voice messages or both.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: SMS | VOICE | MMS | RCS

NumberType

The type of number that was released.

Type: String

Valid Values: LONG_CODE | TOLL_FREE | TEN_DLC | SIMULATOR

OptOutListName

The name of the OptOutList that is associated with the requested phone number.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

PhoneNumber

The new phone number that was requested.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

PhoneNumberArn

The Amazon Resource Name (ARN) of the requested phone number.

Type: String

PhoneNumberId

The unique identifier of the new phone number.

Type: String

PoolId

The unique identifier of the pool associated with the phone number

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

SelfManagedOptOutsEnabled

By default this is set to false. When set to false and an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, AWS End User Messaging SMS automatically replies with a customizable message and adds the end recipient to the

OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

Status

The current status of the request.

Type: String

Valid Values: PENDING | ACTIVE | ASSOCIATING | DISASSOCIATING | DELETED

Tags

An array of key and value pair tags that are associated with the phone number.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

TwoWayChannelArn

The ARN used to identify the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: arn:\S+

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

RequestSenderId

Request a new sender ID that doesn't require registration.

Request Syntax

```
{
  "ClientToken": "string",
  "DeletionProtectionEnabled": boolean,
  "IsoCountryCode": "string",
  "MessageTypes": [ "string" ],
  "SenderId": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [!-~]+

Required: No

DeletionProtectionEnabled

By default this is set to false. When set to true the sender ID can't be deleted.

Type: Boolean

Required: No

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: Yes

MessageTypes

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Valid Values: TRANSACTIONAL | PROMOTIONAL

Required: No

SenderId

The sender ID string to request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

Pattern: [A-Za-z0-9_-]+

Required: Yes

Tags

An array of tags (key and value pairs) to associate with the sender ID.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
  "DeletionProtectionEnabled": boolean,
  "IsoCountryCode": "string",
  "MessageTypes": [ "string" ],
  "MonthlyLeasingPrice": "string",
  "Registered": boolean,
  "SenderId": "string",
  "SenderIdArn": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

DeletionProtectionEnabled

By default this is set to false. When set to true the sender ID can't be deleted.

Type: Boolean

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

MessageTypes

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Valid Values: TRANSACTIONAL | PROMOTIONAL

MonthlyLeasingPrice

The monthly price, in US dollars, to lease the sender ID.

Type: String

Registered

True if the sender ID is registered.

Type: Boolean

SenderId

The sender ID that was requested.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

Pattern: [A-Za-z0-9_-]+

SenderIdArn

The Amazon Resource Name (ARN) associated with the SenderId.

Type: String

Tags

An array of tags (key and value pairs) to associate with the sender ID.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SendDestinationNumberVerificationCode

Before you can send test messages to a verified destination phone number you need to opt-in the verified destination phone number. Creates a new text message with a verification code and send it to a verified destination phone number. Once you have the verification code use [VerifyDestinationNumber](#) to opt-in the verified destination phone number to receive messages.

Request Syntax

```
{
  "ConfigurationSetName": "string",
  "Context": {
    "string" : "string"
  },
  "DestinationCountryParameters": {
    "string" : "string"
  },
  "LanguageCode": "string",
  "OriginationIdentity": "string",
  "VerificationChannel": "string",
  "VerifiedDestinationNumberId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[ConfigurationSetName](#)

The name of the configuration set to use. This can be either the ConfigurationSetName or ConfigurationSetArn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Context

You can specify custom data in this field. If you do, that data is logged to the event destination.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 5 items.

Key Length Constraints: Minimum length of 1. Maximum length of 100.

Key Pattern: \S+

Value Length Constraints: Minimum length of 1. Maximum length of 800.

Value Pattern: (?!\s)^\s\S](?<!\s)

Required: No

DestinationCountryParameters

This field is used for any country-specific registration requirements. Currently, this setting is only used when you send messages to recipients in India using a sender ID. For more information see [Special requirements for sending SMS messages to recipients in India](#).

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 10 items.

Valid Keys: IN_TEMPLATE_ID | IN_ENTITY_ID

Value Length Constraints: Minimum length of 1. Maximum length of 64.

Value Pattern: \S+

Required: No

LanguageCode

Choose the language to use for the message.

Type: String

Valid Values: DE_DE | EN_GB | EN_US | ES_419 | ES_ES | FR_CA | FR_FR | IT_IT
| JA_JP | KO_KR | PT_BR | ZH_CN | ZH_TW

Required: No

OriginationIdentity

The origination identity of the message. This can be either the PhoneNumber, PhoneNumberId, PhoneNumberArn, SenderId, SenderIdArn, PoolId, or PoolArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/\+ -]+

Required: No

VerificationChannel

Choose to send the verification code as an SMS or voice message.

Type: String

Valid Values: TEXT | VOICE

Required: Yes

VerifiedDestinationNumberId

The unique identifier for the verified destination phone number.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
```

```
"MessageId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

MessageId

The unique identifier for the message.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SendMediaMessage

Creates a new multimedia message (MMS) and sends it to a recipient's phone number.

Request Syntax

```
{  
  "ConfigurationSetName": "string",  
  "Context": {  
    "string" : "string"  
  },  
  "DestinationPhoneNumber": "string",  
  "DryRun": boolean,  
  "MaxPrice": "string",  
  "MediaUrls": [ "string" ],  
  "MessageBody": "string",  
  "MessageFeedbackEnabled": boolean,  
  "OriginationIdentity": "string",  
  "ProtectConfigurationId": "string",  
  "TimeToLive": number  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ConfigurationSetName

The name of the configuration set to use. This can be either the ConfigurationSetName or ConfigurationSetArn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Context

You can specify custom data in this field. If you do, that data is logged to the event destination.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 5 items.

Key Length Constraints: Minimum length of 1. Maximum length of 100.

Key Pattern: \S+

Value Length Constraints: Minimum length of 1. Maximum length of 800.

Value Pattern: (?!\s)^\s\S]+(?<\s)

Required: No

DestinationPhoneNumber

The destination phone number in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

Required: Yes

DryRun

When set to true, the message is checked and validated, but isn't sent to the end recipient.

Type: Boolean

Required: No

MaxPrice

The maximum amount that you want to spend, in US dollars, per each MMS message.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 8.

Pattern: [0-9]{0,2}\.[0-9]{1,5}

Required: No

MediaUrls

An array of URLs to each media file to send.

The media files have to be stored in an S3 bucket. Supported media file formats are listed in [MMS file types, size and character limits](#). For more information on creating an S3 bucket and managing objects, see [Creating a bucket](#), [Uploading objects](#) in the *Amazon S3 User Guide*, and [Setting up an Amazon S3 bucket for MMS files](#) in the *AWS End User Messaging SMS User Guide*.

Type: Array of strings

Array Members: Fixed number of 1 item.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: s3://([a-z0-9\.-]{3,63})/(.+)

Required: No

MessageBody

The text body of the message.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1600.

Pattern: (?!\s*\$)[\s\S]+

Required: No

MessageFeedbackEnabled

Set to true to enable message feedback for the message. When a user receives the message you need to update the message status using [PutMessageFeedback](#).

Type: Boolean

Required: No

OriginationIdentity

The origination identity of the message. This can be either the PhoneNumber, PhoneNumberId, PhoneNumberArn, SenderId, SenderIdArn, PoolId, or PoolArn.

⚠ Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/\+ -]+

Required: Yes

ProtectConfigurationId

The unique identifier of the protect configuration to use.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

TimeToLive

How long the media message is valid for. By default this is 72 hours.

Type: Integer

Valid Range: Minimum value of 5. Maximum value of 259200.

Required: No

Response Syntax

```
{  
  "MessageId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

MessageId

The unique identifier for the message.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SendNotifyTextMessage

Sends a templated text message through a notify configuration to a recipient's phone number.

Request Syntax

```
{
  "ConfigurationSetName": "string",
  "Context": {
    "string" : "string"
  },
  "DestinationPhoneNumber": "string",
  "DryRun": boolean,
  "MessageFeedbackEnabled": boolean,
  "NotifyConfigurationId": "string",
  "TemplateId": "string",
  "TemplateVariables": {
    "string" : "string"
  },
  "TimeToLive": number
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ConfigurationSetName

The name of the configuration set to use. This can be either the ConfigurationSetName or ConfigurationSetArn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Context

You can specify custom data in this field. If you do, that data is logged to the event destination.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 5 items.

Key Length Constraints: Minimum length of 1. Maximum length of 100.

Key Pattern: `\S+`

Value Length Constraints: Minimum length of 1. Maximum length of 800.

Value Pattern: `(?!\\s)^[\\s\\S]+(?!\\s)`

Required: No

DestinationPhoneNumber

The destination phone number in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: `\\+?[1-9][0-9]{1,18}`

Required: Yes

DryRun

When set to true, the message is checked and validated, but isn't sent to the end recipient.

Type: Boolean

Required: No

MessageFeedbackEnabled

Set to true to enable message feedback for the message. When a user receives the message you need to update the message status using [PutMessageFeedback](#).

Type: Boolean

Required: No

NotifyConfigurationId

The unique identifier of the notify configuration to use for sending the message. This can be either the `NotifyConfigurationId` or `NotifyConfigurationArn`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

TemplateId

The unique identifier of the template to use for the message.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: ([A-Za-z0-9_-]*|UNSET_DEFAULT_TEMPLATE)

Required: No

TemplateVariables

A map of template variable names and their values. All variable values are passed as strings regardless of the declared variable type. For example, pass INTEGER values as "42" and BOOLEAN values as "true" or "false".

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 64.

Key Pattern: [A-Za-z0-9_]+

Value Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: Yes

TimeToLive

How long the text message is valid for, in seconds. By default this is 72 hours.

Type: Integer

Valid Range: Minimum value of 5. Maximum value of 259200.

Required: No

Response Syntax

```
{  
  "MessageId": "string",  
  "ResolvedMessageBody": "string",  
  "TemplateId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[MessageId](#)

The unique identifier for the message.

Type: String

[ResolvedMessageBody](#)

The message body after template variable substitution has been applied.

Type: String

[TemplateId](#)

The unique identifier of the template used for the message.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: ([A-Za-z0-9_-]* | UNSET_DEFAULT_TEMPLATE)

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SendNotifyVoiceMessage

Sends a templated voice message through a notify configuration to a recipient's phone number.

Request Syntax

```
{
  "ConfigurationSetName": "string",
  "Context": {
    "string" : "string"
  },
  "DestinationPhoneNumber": "string",
  "DryRun": boolean,
  "MessageFeedbackEnabled": boolean,
  "NotifyConfigurationId": "string",
  "TemplateId": "string",
  "TemplateVariables": {
    "string" : "string"
  },
  "TimeToLive": number,
  "VoiceId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ConfigurationSetName

The name of the configuration set to use. This can be either the ConfigurationSetName or ConfigurationSetArn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Context

You can specify custom data in this field. If you do, that data is logged to the event destination.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 5 items.

Key Length Constraints: Minimum length of 1. Maximum length of 100.

Key Pattern: \S+

Value Length Constraints: Minimum length of 1. Maximum length of 800.

Value Pattern: (?!\s)^\s\S]+(?<!\s)

Required: No

DestinationPhoneNumber

The destination phone number in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

Required: Yes

DryRun

When set to true, the message is checked and validated, but isn't sent to the end recipient.

Type: Boolean

Required: No

MessageFeedbackEnabled

Set to true to enable message feedback for the message. When a user receives the message you need to update the message status using [PutMessageFeedback](#).

Type: Boolean

Required: No

NotifyConfigurationId

The unique identifier of the notify configuration to use for sending the message. This can be either the NotifyConfigurationId or NotifyConfigurationArn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

TemplateId

The unique identifier of the template to use for the message.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: ([A-Za-z0-9_-]*|UNSET_DEFAULT_TEMPLATE)

Required: No

TemplateVariables

A map of template variable names and their values. All variable values are passed as strings regardless of the declared variable type. For example, pass INTEGER values as "42" and BOOLEAN values as "true" or "false".

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 64.

Key Pattern: [A-Za-z0-9_]+

Value Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: Yes

TimeToLive

How long the voice message is valid for, in seconds. By default this is 72 hours.

Type: Integer

Valid Range: Minimum value of 5. Maximum value of 259200.

Required: No

VoiceId

The voice ID to use for the voice message.

Type: String

Valid Values: AMY | ASTRID | BIANCA | BRIAN | CAMILA | CARLA | CARMEN | CELINE | CHANTAL | CONCHITA | CRISTIANO | DORA | EMMA | ENRIQUE | EWA | FILIZ | GERAINT | GIORGIO | GWYNETH | HANS | INES | IVY | JACEK | JAN | JOANNA | JOEY | JUSTIN | KARL | KENDRA | KIMBERLY | LEA | LIV | LOTTE | LUCIA | LUPE | MADS | MAJA | MARLENE | MATHIEU | MATTHEW | MAXIM | MIA | MIGUEL | MIZUKI | NAJA | NICOLE | PENELOPE | RAVEENA | RICARDO | RUBEN | RUSSELL | SALLI | SEOYEON | TAKUMI | TATYANA | VICKI | VITORIA | ZEINA | ZHIYU

Required: No

Response Syntax

```
{
  "MessageId": "string",
  "ResolvedMessageBody": "string",
  "TemplateId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

MessageId

The unique identifier for the message.

Type: String

ResolvedMessageBody

The message body after template variable substitution has been applied.

Type: String

TemplateId

The unique identifier of the template used for the message.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: ([A-Za-z0-9_-]* | UNSET_DEFAULT_TEMPLATE)

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SendTextMessage

Creates a new text message and sends it to a recipient's phone number. SendTextMessage only sends an SMS message to one recipient each time it is invoked.

SMS throughput limits are measured in Message Parts per Second (MPS). Your MPS limit depends on the destination country of your messages, as well as the type of phone number (origination number) that you use to send the message. For more information about MPS, see [Message Parts per Second \(MPS\) limits](#) in the *AWS End User Messaging SMS User Guide*.

Request Syntax

```
{
  "ConfigurationSetName": "string",
  "Context": {
    "string" : "string"
  },
  "DestinationCountryParameters": {
    "string" : "string"
  },
  "DestinationPhoneNumber": "string",
  "DryRun": boolean,
  "Keyword": "string",
  "MaxPrice": "string",
  "MessageBody": "string",
  "MessageFeedbackEnabled": boolean,
  "MessageType": "string",
  "OriginationIdentity": "string",
  "ProtectConfigurationId": "string",
  "TimeToLive": number
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[ConfigurationSetName](#)

The name of the configuration set to use. This can be either the ConfigurationSetName or ConfigurationSetArn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Context

You can specify custom data in this field. If you do, that data is logged to the event destination.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 5 items.

Key Length Constraints: Minimum length of 1. Maximum length of 100.

Key Pattern: \S+

Value Length Constraints: Minimum length of 1. Maximum length of 800.

Value Pattern: (?!\s)^[\\s\\S]+(?<!\s)

Required: No

DestinationCountryParameters

This field is used for any country-specific registration requirements. Currently, this setting is only used when you send messages to recipients in India using a sender ID. For more information see [Special requirements for sending SMS messages to recipients in India](#).

- **IN_ENTITY_ID** The entity ID or Principal Entity (PE) ID that you received after completing the sender ID registration process.
- **IN_TEMPLATE_ID** The template ID that you received after completing the sender ID registration process.

Important

Make sure that the Template ID that you specify matches your message template exactly. If your message doesn't match the template that you provided during the registration process, the mobile carriers might reject your message.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 10 items.

Valid Keys: IN_TEMPLATE_ID | IN_ENTITY_ID

Value Length Constraints: Minimum length of 1. Maximum length of 64.

Value Pattern: \S+

Required: No

DestinationPhoneNumber

The destination phone number in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

Required: Yes

DryRun

When set to true, the message is checked and validated, but isn't sent to the end recipient. You are not charged for using DryRun.

The Message Parts per Second (MPS) limit when using DryRun is five. If your origination identity has a lower MPS limit then the lower MPS limit is used. For more information about MPS limits, see [Message Parts per Second \(MPS\) limits](#) in the *AWS End User Messaging SMS User Guide*.

Type: Boolean

Required: No

Keyword

When you register a short code in the US, you must specify a program name. If you don't have a US short code, omit this attribute.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: [\S]+

Required: No

MaxPrice

The maximum amount that you want to spend, in US dollars, per each text message. If the calculated amount to send the text message is greater than `MaxPrice`, the message is not sent and an error is returned.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 8.

Pattern: [0-9]{0,2}\.[0-9]{1,5}

Required: No

MessageBody

The body of the text message.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1600.

Pattern: (?!\\s*\$)[\\s\\S]+

Required: No

MessageFeedbackEnabled

Set to true to enable message feedback for the message. When a user receives the message you need to update the message status using [PutMessageFeedback](#).

Type: Boolean

Required: No

MessageType

The type of message. Valid values are for messages that are critical or time-sensitive and `PROMOTIONAL` for messages that aren't critical or time-sensitive.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

Required: No

OriginationIdentity

The origination identity of the message. This can be either the PhoneNumber, PhoneNumberId, PhoneNumberArn, SenderId, SenderIdArn, PoolId, or PoolArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/\+-]+

Required: No

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

TimeToLive

How long the text message is valid for, in seconds. By default this is 72 hours. If the messages isn't handed off before the TTL expires we stop attempting to hand off the message and return TTL_EXPIRED event.

Type: Integer

Valid Range: Minimum value of 5. Maximum value of 259200.

Required: No

Response Syntax

```
{  
  "MessageId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[MessageId](#)

The unique identifier for the message.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SendVoiceMessage

Allows you to send a request that sends a voice message. This operation uses [Amazon Polly](#) to convert a text script into a voice message.

Request Syntax

```
{
  "ConfigurationSetName": "string",
  "Context": {
    "string" : "string"
  },
  "DestinationPhoneNumber": "string",
  "DryRun": boolean,
  "MaxPricePerMinute": "string",
  "MessageBody": "string",
  "MessageBodyTextType": "string",
  "MessageFeedbackEnabled": boolean,
  "OriginationIdentity": "string",
  "ProtectConfigurationId": "string",
  "TimeToLive": number,
  "VoiceId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ConfigurationSetName

The name of the configuration set to use. This can be either the ConfigurationSetName or ConfigurationSetArn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

Context

You can specify custom data in this field. If you do, that data is logged to the event destination.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 5 items.

Key Length Constraints: Minimum length of 1. Maximum length of 100.

Key Pattern: \S+

Value Length Constraints: Minimum length of 1. Maximum length of 800.

Value Pattern: (?!\s)^\s\S+(?<!\s)

Required: No

DestinationPhoneNumber

The destination phone number in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

Required: Yes

DryRun

When set to true, the message is checked and validated, but isn't sent to the end recipient.

Type: Boolean

Required: No

MaxPricePerMinute

The maximum amount to spend per voice message, in US dollars.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 8.

Pattern: [0-9]{0,2}\.[0-9]{1,5}

Required: No

MessageBody

The text to convert to a voice message.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 6000.

Pattern: `(?!\\s*$)[\\s\\S]+`

Required: No

MessageBodyTextType

Specifies if the MessageBody field contains text or [speech synthesis markup language \(SSML\)](#).

- TEXT: This is the default value. When used the maximum character limit is 3000.
- SSML: When used the maximum character limit is 6000 including SSML tagging.

Type: String

Valid Values: TEXT | SSML

Required: No

MessageFeedbackEnabled

Set to true to enable message feedback for the message. When a user receives the message you need to update the message status using [PutMessageFeedback](#).

Type: Boolean

Required: No

OriginationIdentity

The origination identity to use for the voice call. This can be the PhoneNumber, PhoneNumberId, PhoneNumberArn, PoolId, or PoolArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/\+ -]+

Required: Yes

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

TimeToLive

How long the voice message is valid for. By default this is 72 hours.

Type: Integer

Valid Range: Minimum value of 5. Maximum value of 259200.

Required: No

VoiceId

The voice for the [Amazon Polly](#) service to use. By default this is set to "MATTHEW".

Type: String

Valid Values: AMY | ASTRID | BIANCA | BRIAN | CAMILA | CARLA | CARMEN | CELINE | CHANTAL | CONCHITA | CRISTIANO | DORA | EMMA | ENRIQUE | EWA | FILIZ | GERAINT | GIORGIO | GWYNETH | HANS | INES | IVY | JACEK | JAN | JOANNA | JOEY | JUSTIN | KARL | KENDRA | KIMBERLY | LEA | LIV | LOTTE | LUCIA | LUPE | MADS | MAJA | MARLENE | MATHIEU | MATTHEW | MAXIM | MIA | MIGUEL | MIZUKI | NAJA | NICOLE | PENELOPE | RAVEENA | RICARDO | RUBEN | RUSSELL | SALLI | SEOYEON | TAKUMI | TATYANA | VICKI | VITORIA | ZEINA | ZHIYU

Required: No

Response Syntax

```
{  
  "MessageId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

MessageId

The unique identifier for the message.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SetAccountDefaultProtectConfiguration

Set a protect configuration as your account default. You can only have one account default protect configuration at a time. The current account default protect configuration is replaced with the provided protect configuration.

Request Syntax

```
{
  "ProtectConfigurationId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[ProtectConfigurationId](#)

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "DefaultProtectConfigurationArn": "string",
  "DefaultProtectConfigurationId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

DefaultProtectConfigurationArn

The Amazon Resource Name (ARN) of the account default protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `arn:\S+`

DefaultProtectConfigurationId

The unique identifier of the account default protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_-]+`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SetDefaultMessageFeedbackEnabled

Sets a configuration set's default for message feedback.

Request Syntax

```
{  
  "ConfigurationSetName": "string",  
  "MessageFeedbackEnabled": boolean  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[ConfigurationSetName](#)

The name of the configuration set to use. This can be either the ConfigurationSetName or ConfigurationSetArn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

[MessageFeedbackEnabled](#)

Set to true to enable message feedback.

Type: Boolean

Required: Yes

Response Syntax

```
{
```

```
"ConfigurationSetArn": "string",  
"ConfigurationSetName": "string",  
"MessageFeedbackEnabled": boolean  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[ConfigurationSetArn](#)

The arn of the configuration set.

Type: String

[ConfigurationSetName](#)

The name of the configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

[MessageFeedbackEnabled](#)

True if message feedback is enabled.

Type: Boolean

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SetDefaultMessageType

Sets the default message type on a configuration set.

Choose the category of SMS messages that you plan to send from this account. If you send account-related messages or time-sensitive messages such as one-time passcodes, choose **Transactional**. If you plan to send messages that contain marketing material or other promotional content, choose **Promotional**. This setting applies to your entire AWS account.

Request Syntax

```
{  
  "ConfigurationSetName": "string",  
  "MessageType": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[ConfigurationSetName](#)

The configuration set to update with a new default message type. This field can be the ConfigurationSetName or ConfigurationSetArn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

[MessageType](#)

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

Required: Yes

Response Syntax

```
{
  "ConfigurationSetArn": "string",
  "ConfigurationSetName": "string",
  "MessageType": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[ConfigurationSetArn](#)

The Amazon Resource Name (ARN) of the updated configuration set.

Type: String

[ConfigurationSetName](#)

The name of the configuration set that was updated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

[MessageType](#)

The new default message type of the configuration set.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SetDefaultSenderId

Sets default sender ID on a configuration set.

When sending a text message to a destination country that supports sender IDs, the default sender ID on the configuration set specified will be used if no dedicated origination phone numbers or registered sender IDs are available in your account.

Request Syntax

```
{  
  "ConfigurationSetName": "string",  
  "SenderId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

ConfigurationSetName

The configuration set to updated with a new default SenderId. This field can be the ConsigurationSetName or ConfigurationSetArn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

SenderId

The current sender ID for the configuration set. When sending a text message to a destination country which supports SenderIds, the default sender ID on the configuration set specified on [SendTextMessage](#) will be used if no dedicated origination phone numbers or registered SenderIds are available in your account, instead of a generic sender ID, such as 'NOTICE'.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

Pattern: [A-Za-z0-9_-]+

Required: Yes

Response Syntax

```
{
  "ConfigurationSetArn": "string",
  "ConfigurationSetName": "string",
  "SenderId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ConfigurationSetArn

The Amazon Resource Name (ARN) of the updated configuration set.

Type: String

ConfigurationSetName

The name of the configuration set that was updated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

SenderId

The default sender ID to set for the ConfigurationSet.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

Pattern: [A-Za-z0-9_-]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SetMediaMessageSpendLimitOverride

Sets an account level monthly spend limit override for sending MMS messages. The requested spend limit must be less than or equal to the `MaxLimit`, which is set by AWS.

Request Syntax

```
{  
  "MonthlyLimit": number  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

MonthlyLimit

The new monthly limit to enforce on text messages.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 1000000000.

Required: Yes

Response Syntax

```
{  
  "MonthlyLimit": number  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

MonthlyLimit

The current monthly limit to enforce on sending text messages.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 1000000000.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SetNotifyMessageSpendLimitOverride

Sets an account level monthly spend limit override for sending notify messages. The requested spend limit must be less than or equal to the `MaxLimit`, which is set by AWS.

Request Syntax

```
{  
  "MonthlyLimit": number  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

MonthlyLimit

The new monthly limit to enforce on notify messages.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 1000000000.

Required: Yes

Response Syntax

```
{  
  "MonthlyLimit": number  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

MonthlyLimit

The current monthly limit, in US dollars.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 1000000000.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SetTextMessageSpendLimitOverride

Sets an account level monthly spend limit override for sending text messages. The requested spend limit must be less than or equal to the `MaxLimit`, which is set by AWS.

Request Syntax

```
{  
  "MonthlyLimit": number  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

MonthlyLimit

The new monthly limit to enforce on text messages.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 10000000000.

Required: Yes

Response Syntax

```
{  
  "MonthlyLimit": number  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

MonthlyLimit

The current monthly limit to enforce on sending text messages.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 1000000000.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SetVoiceMessageSpendLimitOverride

Sets an account level monthly spend limit override for sending voice messages. The requested spend limit must be less than or equal to the `MaxLimit`, which is set by AWS.

Request Syntax

```
{  
  "MonthlyLimit": number  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

MonthlyLimit

The new monthly limit to enforce on voice messages.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 1000000000.

Required: Yes

Response Syntax

```
{  
  "MonthlyLimit": number  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

MonthlyLimit

The current monthly limit to enforce on sending voice messages.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 1000000000.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SubmitRegistrationVersion

Submit the specified registration for review and approval.

Request Syntax

```
{  
  "AwsReview": boolean,  
  "RegistrationId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[AwsReview](#)

Set to true to request AWS review of the registration. When enabled, AWS will perform additional validation and review of the registration submission before processing.

Type: Boolean

Required: No

[RegistrationId](#)

The unique identifier for the registration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "AwsReview": boolean,
```

```
"RegistrationArn": "string",
"RegistrationId": "string",
"RegistrationVersionStatus": "string",
"RegistrationVersionStatusHistory": {
  "ApprovedTimestamp": number,
  "ArchivedTimestamp": number,
  "AwsReviewingTimestamp": number,
  "DeniedTimestamp": number,
  "DiscardedTimestamp": number,
  "DraftTimestamp": number,
  "RequiresAuthenticationTimestamp": number,
  "ReviewingTimestamp": number,
  "RevokedTimestamp": number,
  "SubmittedTimestamp": number
},
"VersionNumber": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AwsReview

Indicates whether AWS review was requested for this registration submission.

Type: Boolean

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationVersionStatus

The status of the registration version.

- **APPROVED:** Your registration has been approved.
- **ARCHIVED:** Your previously approved registration version moves into this status when a more recently submitted version is approved.
- **DENIED:** You must fix your registration and resubmit it.
- **DISCARDED:** You've abandon this version of their registration to start over with a new version.
- **DRAFT:** The initial status of a registration version after it's created.
- **REQUIRES_AUTHENTICATION:** You need to complete email authentication.
- **REVIEWING:** Your registration has been accepted and is being reviewed.
- **REVOKED:** Your previously approved registration has been revoked.
- **SUBMITTED:** Your registration has been submitted.

Type: String

Valid Values: DRAFT | SUBMITTED | AWS_REVIEWING | REVIEWING |
REQUIRES_AUTHENTICATION | APPROVED | DISCARDED | DENIED | REVOKED |
ARCHIVED | REQUIRES_OFFLINE_REVIEW

RegistrationVersionStatusHistory

The **RegistrationVersionStatusHistory** object contains the time stamps for when the reservations status changes.

Type: [RegistrationVersionStatusHistory](#) object

VersionNumber

The version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

TagResource

Adds or overwrites only the specified tags for the specified resource. When you specify an existing tag key, the value is overwritten with the new value. Each tag consists of a key and an optional value. Tag keys must be unique per resource. For more information about tags, see [Tags](#) in the *AWS End User Messaging SMS User Guide*.

Request Syntax

```
{
  "ResourceArn": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[ResourceArn](#)

The Amazon Resource Name (ARN) of the resource.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Required: Yes

[Tags](#)

An array of key and value pair tags that are associated with the resource.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerError

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

Reason

The reason for the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UntagResource

Removes the association of the specified tags from a resource. For more information on tags see [Tags](#) in the *AWS End User Messaging SMS User Guide*.

Request Syntax

```
{
  "ResourceArn": "string",
  "TagKeys": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[ResourceArn](#)

The Amazon Resource Name (ARN) of the resource.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Required: Yes

[TagKeys](#)

An array of tag key values to unassociate with the resource.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `.+`

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateEventDestination

Updates an existing event destination in a configuration set. You can update the IAM role ARN for CloudWatch Logs and Firehose. You can also enable or disable the event destination.

You may want to update an event destination to change its matching event types or updating the destination resource ARN. You can't change an event destination's type between CloudWatch Logs, Firehose, and Amazon SNS.

Request Syntax

```
{
  "CloudWatchLogsDestination": {
    "IamRoleArn": "string",
    "LogGroupArn": "string"
  },
  "ConfigurationSetName": "string",
  "Enabled": boolean,
  "EventDestinationName": "string",
  "KinesisFirehoseDestination": {
    "DeliveryStreamArn": "string",
    "IamRoleArn": "string"
  },
  "MatchingEventTypes": [ "string" ],
  "SnsDestination": {
    "TopicArn": "string"
  }
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

CloudWatchLogsDestination

An object that contains information about an event destination that sends data to CloudWatch Logs.

Type: [CloudWatchLogsDestination](#) object

Required: No

ConfigurationSetName

The configuration set to update with the new event destination. Valid values for this can be the ConfigurationSetName or ConfigurationSetArn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Enabled

When set to true logging is enabled.

Type: Boolean

Required: No

EventDestinationName

The name to use for the event destination.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Required: Yes

KinesisFirehoseDestination

An object that contains information about an event destination for logging to Firehose.

Type: [KinesisFirehoseDestination](#) object

Required: No

MatchingEventTypes

An array of event types that determine which events to log.

Note

The TEXT_SENT event type is not supported.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 43 items.

Valid Values: ALL | TEXT_ALL | TEXT_SENT | TEXT_PENDING | TEXT_QUEUED | TEXT_SUCCESSFUL | TEXT_DELIVERED | TEXT_INVALID | TEXT_INVALID_MESSAGE | TEXT_UNREACHABLE | TEXT_CARRIER_UNREACHABLE | TEXT_BLOCKED | TEXT_CARRIER_BLOCKED | TEXT_SPAM | TEXT_UNKNOWN | TEXT_TTL_EXPIRED | TEXT_PROTECT_BLOCKED | VOICE_ALL | VOICE_INITIATED | VOICE_RINGING | VOICE_ANSWERED | VOICE_COMPLETED | VOICE_BUSY | VOICE_NO_ANSWER | VOICE_FAILED | VOICE_TTL_EXPIRED | MEDIA_ALL | MEDIA_PENDING | MEDIA_QUEUED | MEDIA_SUCCESSFUL | MEDIA_DELIVERED | MEDIA_INVALID | MEDIA_INVALID_MESSAGE | MEDIA_UNREACHABLE | MEDIA_CARRIER_UNREACHABLE | MEDIA_BLOCKED | MEDIA_CARRIER_BLOCKED | MEDIA_SPAM | MEDIA_UNKNOWN | MEDIA_TTL_EXPIRED | MEDIA_FILE_INACCESSIBLE | MEDIA_FILE_TYPE_UNSUPPORTED | MEDIA_FILE_SIZE_EXCEEDED

Required: No

SnsDestination

An object that contains information about an event destination that sends data to Amazon SNS.

Type: [SnsDestination](#) object

Required: No

Response Syntax

```
{
  "ConfigurationSetArn": "string",
  "ConfigurationSetName": "string",
  "EventDestination": {
    "CloudWatchLogsDestination": {
```

```
    "IamRoleArn": "string",
    "LogGroupArn": "string"
  },
  "Enabled": boolean,
  "EventDestinationName": "string",
  "KinesisFirehoseDestination": {
    "DeliveryStreamArn": "string",
    "IamRoleArn": "string"
  },
  "MatchingEventTypes": [ "string" ],
  "SnsDestination": {
    "TopicArn": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ConfigurationSetArn

The Amazon Resource Name (ARN) for the ConfigurationSet that was updated.

Type: String

ConfigurationSetName

The name of the configuration set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

EventDestination

An EventDestination object containing the details of where events will be logged.

Type: [EventDestination](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateNotifyConfiguration

Updates an existing notify configuration. You can update the default template, pool association, enabled channels, enabled countries, and deletion protection settings.

Request Syntax

```
{  
  "DefaultTemplateId": "string",  
  "DeletionProtectionEnabled": boolean,  
  "EnabledChannels": [ "string" ],  
  "EnabledCountries": [ "string" ],  
  "NotifyConfigurationId": "string",  
  "PoolId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

DefaultTemplateId

The default template identifier to associate with the notify configuration. If specified, this template is used when sending messages without an explicit template identifier. Pass the special value UNSET_DEFAULT_TEMPLATE to clear the current default template from the notify configuration.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: ([A-Za-z0-9_-]*|UNSET_DEFAULT_TEMPLATE)

Required: No

DeletionProtectionEnabled

When set to true the notify configuration can't be deleted.

Type: Boolean

Required: No

EnabledChannels

An array of channels to enable for the notify configuration. Supported values include SMS and VOICE.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: SMS | VOICE | MMS | RCS

Required: No

EnabledCountries

An array of two-character ISO country codes, in ISO 3166-1 alpha-2 format, that are enabled for the notify configuration.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 300 items.

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: No

NotifyConfigurationId

The identifier of the notify configuration to update. The NotifyConfigurationId can be found using the [DescribeNotifyConfigurations](#) operation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

PoolId

The pool identifier or Amazon Resource Name (ARN) to associate with the notify configuration. Pass the special value UNSET_DEFAULT_POOL_FOR_NOTIFY to clear the current default pool from the notify configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: ([A-Za-z0-9_:/-]+|UNSET_DEFAULT_POOL_FOR_NOTIFY)

Required: No

Response Syntax

```
{
  "CreatedTimestamp": number,
  "DefaultTemplateId": "string",
  "DeletionProtectionEnabled": boolean,
  "DisplayName": "string",
  "EnabledChannels": [ "string" ],
  "EnabledCountries": [ "string" ],
  "NotifyConfigurationArn": "string",
  "NotifyConfigurationId": "string",
  "PoolId": "string",
  "RejectionReason": "string",
  "Status": "string",
  "Tier": "string",
  "TierUpgradeStatus": "string",
  "UseCase": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the notify configuration was created, in [UNIX epoch time](#) format.

Type: Timestamp

DefaultTemplateId

The default template identifier associated with the notify configuration.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: ([A-Za-z0-9_-]* | UNSET_DEFAULT_TEMPLATE)

DeletionProtectionEnabled

When set to true deletion protection is enabled. By default this is set to false.

Type: Boolean

DisplayName

The display name associated with the notify configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 15.

Pattern: [A-Za-z0-9_ -]+

EnabledChannels

An array of channels enabled for the notify configuration. Supported values include SMS and VOICE.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: SMS | VOICE | MMS | RCS

EnabledCountries

An array of two-character ISO country codes, in ISO 3166-1 alpha-2 format, that are enabled for the notify configuration.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 300 items.

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

NotifyConfigurationArn

The Amazon Resource Name (ARN) for the notify configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: arn:\S+

NotifyConfigurationId

The unique identifier for the notify configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

PoolId

The identifier of the pool associated with the notify configuration.

Type: String

RejectionReason

The reason the notify configuration was rejected, if applicable.

Type: String

Status

The current status of the notify configuration.

Type: String

Valid Values: PENDING | ACTIVE | REJECTED | REQUIRES_VERIFICATION

Tier

The tier of the notify configuration.

Type: String

Valid Values: BASIC | ADVANCED

TierUpgradeStatus

The tier upgrade status of the notify configuration.

Type: String

Valid Values: BASIC | PENDING_UPGRADE | ADVANCED | REJECTED

UseCase

The use case for the notify configuration.

Type: String

Valid Values: CODE_VERIFICATION

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdatePhoneNumber

Updates the configuration of an existing origination phone number. You can update the opt-out list, enable or disable two-way messaging, change the TwoWayChannelArn, enable or disable self-managed opt-outs, and enable or disable deletion protection.

If the origination phone number is associated with a pool, an error is returned.

Request Syntax

```
{  
  "DeletionProtectionEnabled": boolean,  
  "InternationalSendingEnabled": boolean,  
  "OptOutListName": "string",  
  "PhoneNumberId": "string",  
  "SelfManagedOptOutsEnabled": boolean,  
  "TwoWayChannelArn": "string",  
  "TwoWayChannelRole": "string",  
  "TwoWayEnabled": boolean  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

DeletionProtectionEnabled

By default this is set to false. When set to true the phone number can't be deleted.

Type: Boolean

Required: No

InternationalSendingEnabled

By default this is set to false. When set to true the international sending of phone number is Enabled.

Type: Boolean

Required: No

OptOutListName

The OptOutList to add the phone number to. You can use either the opt out list name or the opt out list ARN.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

PhoneNumberId

The unique identifier of the phone number. Valid values for this field can be either the PhoneNumberId or PhoneNumberArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

SelfManagedOptOutsEnabled

By default this is set to false. When set to false and an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, AWS End User Messaging SMS automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

Required: No

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

Required: No

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: arn:\S+

Required: No

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Required: No

Response Syntax

```
{  
  "CreatedTimestamp": number,  
  "DeletionProtectionEnabled": boolean,  
  "InternationalSendingEnabled": boolean,  
  "IsoCountryCode": "string",  
  "MessageType": "string",  
  "MonthlyLeasingPrice": "string",
```

```
"NumberCapabilities": [ "string" ],
"NumberType": "string",
"OptOutListName": "string",
"PhoneNumber": "string",
"PhoneNumberArn": "string",
"PhoneNumberId": "string",
"RegistrationId": "string",
"SelfManagedOptOutsEnabled": boolean,
"Status": "string",
"TwoWayChannelArn": "string",
"TwoWayChannelRole": "string",
"TwoWayEnabled": boolean
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the phone number was created, in [UNIX epoch time](#) format.

Type: Timestamp

DeletionProtectionEnabled

When set to true the phone number can't be deleted.

Type: Boolean

InternationalSendingEnabled

When set to true the international sending of phone number is Enabled.

Type: Boolean

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

MessageType

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

MonthlyLeasingPrice

The monthly leasing price of the phone number, in US dollars.

Type: String

NumberCapabilities

Specifies if the number could be used for text messages, voice or both.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: SMS | VOICE | MMS | RCS

NumberType

The type of number that was requested.

Type: String

Valid Values: SHORT_CODE | LONG_CODE | TOLL_FREE | TEN_DLC | SIMULATOR

OptOutListName

The name of the OptOutList associated with the phone number.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

PhoneNumber

The phone number that was updated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

PhoneNumberArn

The Amazon Resource Name (ARN) of the updated phone number.

Type: String

PhoneNumberId

The unique identifier of the phone number.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

SelfManagedOptOutsEnabled

This is true if self managed opt-out are enabled.

Type: Boolean

Status

The current status of the request.

Type: String

Valid Values: PENDING | ACTIVE | ASSOCIATING | DISASSOCIATING | DELETED

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: arn:\S+

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdatePool

Updates the configuration of an existing pool. You can update the opt-out list, enable or disable two-way messaging, change the `TwoWayChannelArn`, enable or disable self-managed opt-outs, enable or disable deletion protection, and enable or disable shared routes.

Request Syntax

```
{
  "DeletionProtectionEnabled": boolean,
  "OptOutListName": "string",
  "PoolId": "string",
  "SelfManagedOptOutsEnabled": boolean,
  "SharedRoutesEnabled": boolean,
  "TwoWayChannelArn": "string",
  "TwoWayChannelRole": "string",
  "TwoWayEnabled": boolean
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

DeletionProtectionEnabled

When set to true the pool can't be deleted.

Type: Boolean

Required: No

OptOutListName

The `OptOutList` to associate with the pool. Valid values are either `OptOutListName` or `OptOutListArn`.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

PoolId

The unique identifier of the pool to update. Valid values are either the PoolId or PoolArn.

Important

If you are using a shared AWS End User Messaging SMS resource then you must use the full Amazon Resource Name(ARN).

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]*

Required: Yes

SelfManagedOptOutsEnabled

By default this is set to false. When set to false and an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, AWS End User Messaging SMS automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

Required: No

SharedRoutesEnabled

Indicates whether shared routes are enabled for the pool.

Type: Boolean

Required: No

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

Required: No

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: arn:\S+

Required: No

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Required: No

Response Syntax

```
{
  "CreatedTimestamp": number,
  "DeletionProtectionEnabled": boolean,
  "MessageType": "string",
  "OptOutListName": "string",
  "PoolArn": "string",
```

```
"PoolId": "string",  
"SelfManagedOptOutsEnabled": boolean,  
"SharedRoutesEnabled": boolean,  
"Status": "string",  
"TwoWayChannelArn": "string",  
"TwoWayChannelRole": "string",  
"TwoWayEnabled": boolean  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the pool was created, in [UNIX epoch time](#) format.

Type: Timestamp

DeletionProtectionEnabled

When set to true the pool can't be deleted.

Type: Boolean

MessageType

The type of message for the pool to use.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

OptOutListName

The name of the OptOutList associated with the pool.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

PoolArn

The ARN of the pool.

Type: String

PoolId

The unique identifier of the pool.

Type: String

SelfManagedOptOutsEnabled

When set to false and an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, AWS End User Messaging SMS automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

SharedRoutesEnabled

Indicates whether shared routes are enabled for the pool.

Type: Boolean

Status

The current status of the pool update request.

Type: String

Valid Values: CREATING | ACTIVE | DELETING

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: arn:\S+

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateProtectConfiguration

Update the setting for an existing protect configuration.

Request Syntax

```
{  
  "DeletionProtectionEnabled": boolean,  
  "ProtectConfigurationId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[DeletionProtectionEnabled](#)

When set to true deletion protection is enabled. By default this is set to false.

Type: Boolean

Required: No

[ProtectConfigurationId](#)

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{  
  "AccountDefault": boolean,  
}
```

```
"CreatedTimestamp": number,  
"DeletionProtectionEnabled": boolean,  
"ProtectConfigurationArn": "string",  
"ProtectConfigurationId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AccountDefault

This is true if the protect configuration is set as your account default protect configuration.

Type: Boolean

CreatedTimestamp

The time when the protect configuration was created, in [UNIX epoch time](#) format.

Type: Timestamp

DeletionProtectionEnabled

The status of deletion protection for the protect configuration. When set to true deletion protection is enabled. By default this is set to false.

Type: Boolean

ProtectConfigurationArn

The Amazon Resource Name (ARN) of the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `arn:\S+`

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateProtectConfigurationCountryRuleSet

Update a country rule set to ALLOW, BLOCK, MONITOR, or FILTER messages to be sent to the specified destination counties. You can update one or multiple countries at a time. The updates are only applied to the specified NumberCapability type.

Request Syntax

```
{
  "CountryRuleSetUpdates": {
    "string" : {
      "ProtectStatus": "string"
    }
  },
  "NumberCapability": "string",
  "ProtectConfigurationId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[CountryRuleSetUpdates](#)

A map of ProtectConfigurationCountryRuleSetInformation objects that contain the details for the requested NumberCapability. The Key is the two-letter ISO country code. For a list of supported ISO country codes, see [Supported countries and regions \(SMS channel\)](#) in the AWS End User Messaging SMS User Guide.

For example, to set the United States as allowed and Canada as blocked, the CountryRuleSetUpdates would be formatted as: "CountryRuleSetUpdates": { "US" : { "ProtectStatus": "ALLOW" } "CA" : { "ProtectStatus": "BLOCK" } }

Type: String to [ProtectConfigurationCountryRuleSetInformation](#) object map

Map Entries: Maximum number of 300 items.

Key Length Constraints: Fixed length of 2.

Key Pattern: [A-Z]{2}

Required: Yes

NumberCapability

The number capability to apply the CountryRuleSetUpdates updates to.

Type: String

Valid Values: SMS | VOICE | MMS | RCS

Required: Yes

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "CountryRuleSet": {
    "string" : {
      "ProtectStatus": "string"
    }
  },
  "NumberCapability": "string",
  "ProtectConfigurationArn": "string",
  "ProtectConfigurationId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CountryRuleSet

An array of `ProtectConfigurationCountryRuleSetInformation` containing the rules for the `NumberCapability`.

Type: String to [ProtectConfigurationCountryRuleSetInformation](#) object map

Map Entries: Maximum number of 300 items.

Key Length Constraints: Fixed length of 2.

Key Pattern: `[A-Z]{2}`

NumberCapability

The number capability that was updated

Type: String

Valid Values: SMS | VOICE | MMS | RCS

ProtectConfigurationArn

The Amazon Resource Name (ARN) of the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `arn:\S+`

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_-]+`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateRcsAgent

Updates the configuration of an existing RCS agent. You can update the opt-out list, deletion protection, two-way messaging settings, and self-managed opt-outs configuration.

Request Syntax

```
{  
  "DeletionProtectionEnabled": boolean,  
  "OptOutListName": "string",  
  "RcsAgentId": "string",  
  "SelfManagedOptOutsEnabled": boolean,  
  "TwoWayChannelArn": "string",  
  "TwoWayChannelRole": "string",  
  "TwoWayEnabled": boolean  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[DeletionProtectionEnabled](#)

By default this is set to false. When set to true the RCS agent can't be deleted.

Type: Boolean

Required: No

[OptOutListName](#)

The OptOutList to associate with the RCS agent. Valid values are either OptOutListName or OptOutListArn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

RcsAgentId

The unique identifier of the RCS agent to update. You can use either the RcsAgentId or RcsAgentArn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

SelfManagedOptOutsEnabled

By default this is set to false. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

Required: No

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

Required: No

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: arn:\S+

Required: No

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Required: No

Response Syntax

```
{
  "CreatedTimestamp": number,
  "DeletionProtectionEnabled": boolean,
  "OptOutListName": "string",
  "RcsAgentArn": "string",
  "RcsAgentId": "string",
  "SelfManagedOptOutsEnabled": boolean,
  "Status": "string",
  "TwoWayChannelArn": "string",
  "TwoWayChannelRole": "string",
  "TwoWayEnabled": boolean
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the RCS agent was created, in [UNIX epoch time](#) format.

Type: Timestamp

DeletionProtectionEnabled

When set to true deletion protection is enabled. By default this is set to false.

Type: Boolean

OptOutListName

The name of the OptOutList associated with the RCS agent.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

RcsAgentArn

The Amazon Resource Name (ARN) of the updated RCS agent.

Type: String

RcsAgentId

The unique identifier for the RCS agent.

Type: String

SelfManagedOptOutsEnabled

By default this is set to false. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

Status

The current status of the RCS agent.

Type: String

Valid Values: CREATED | PENDING | TESTING | PARTIAL | ACTIVE | DELETED

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: arn:\S+

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateSenderId

Updates the configuration of an existing sender ID.

Request Syntax

```
{  
  "DeletionProtectionEnabled": boolean,  
  "IsoCountryCode": "string",  
  "SenderId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

DeletionProtectionEnabled

By default this is set to false. When set to true the sender ID can't be deleted.

Type: Boolean

Required: No

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: Yes

SenderId

The sender ID to update.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "DeletionProtectionEnabled": boolean,
  "IsoCountryCode": "string",
  "MessageTypes": [ "string" ],
  "MonthlyLeasingPrice": "string",
  "Registered": boolean,
  "RegistrationId": "string",
  "SenderId": "string",
  "SenderIdArn": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

DeletionProtectionEnabled

By default this is set to false. When set to true the sender ID can't be deleted.

Type: Boolean

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

MessageTypes

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Valid Values: TRANSACTIONAL | PROMOTIONAL

MonthlyLeasingPrice

The monthly price, in US dollars, to lease the sender ID.

Type: String

Registered

True if the sender ID is registered..

Type: Boolean

RegistrationId

The unique identifier for the registration.

Type: String

SenderId

The sender ID that was updated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

Pattern: [A-Za-z0-9_-]+

SenderIdArn

The Amazon Resource Name (ARN) associated with the SenderId.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

VerifyDestinationNumber

Use the verification code that was received by the verified destination phone number to opt-in the verified destination phone number to receive more messages.

Request Syntax

```
{  
  "VerificationCode": "string",  
  "VerifiedDestinationNumberId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

[VerificationCode](#)

The verification code that was received by the verified destination phone number.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: [A-Za-z0-9]+

Required: Yes

[VerifiedDestinationNumberId](#)

The unique identifier for the verified destination phone number.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Response Syntax

```
{
  "CreatedTimestamp": number,
  "DestinationPhoneNumber": "string",
  "Status": "string",
  "VerifiedDestinationNumberArn": "string",
  "VerifiedDestinationNumberId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CreatedTimestamp

The time when the destination phone number was created, in [UNIX epoch time](#) format.

Type: Timestamp

DestinationPhoneNumber

The phone number in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

Status

The status for being able to send messages to the phone number.

Type: String

Valid Values: PENDING | VERIFIED | UNSUPPORTED

VerifiedDestinationNumberArn

The Amazon Resource Name (ARN) for the verified destination phone number.

Type: String

VerifiedDestinationNumberId

The unique identifier for the verified destination phone number.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

Reason

The reason for the exception.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

Reason

The reason for the exception.

ResourceId

The unique identifier of the request.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

InternalServerErrorException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

RequestId

The unique identifier of the request.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

ResourceId

The unique identifier of the resource.

ResourceType

The type of resource that caused the exception.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

Fields

The field that failed validation.

Reason

The reason for the exception.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

Data Types

The Amazon Pinpoint SMS Voice V2 API contains several data types that various actions use. This section describes each data type in detail.

Note

The order of each element in a data type structure is not guaranteed. Applications should not assume a particular order.

The following data types are supported:

- [AccountAttribute](#)
- [AccountLimit](#)
- [CarrierStatusInformation](#)
- [CloudWatchLogsDestination](#)
- [ConfigurationSetFilter](#)
- [ConfigurationSetInformation](#)
- [CountryLaunchStatusFilter](#)
- [CountryLaunchStatusInformation](#)
- [EventDestination](#)
- [KeywordFilter](#)
- [KeywordInformation](#)
- [KinesisFirehoseDestination](#)
- [NotifyConfigurationFilter](#)
- [NotifyConfigurationInformation](#)
- [NotifyCountryInformation](#)
- [NotifyTemplateFilter](#)
- [NotifyTemplateInformation](#)
- [OptedOutFilter](#)
- [OptedOutNumberInformation](#)
- [OptOutListInformation](#)

- [OriginationIdentityMetadata](#)
- [PhoneNumberFilter](#)
- [PhoneNumberInformation](#)
- [PoolFilter](#)
- [PoolInformation](#)
- [PoolOriginationIdentitiesFilter](#)
- [ProtectConfigurationCountryRuleSetInformation](#)
- [ProtectConfigurationFilter](#)
- [ProtectConfigurationInformation](#)
- [ProtectConfigurationRuleSetNumberOverride](#)
- [ProtectConfigurationRuleSetNumberOverrideFilterItem](#)
- [RcsAgentFilter](#)
- [RcsAgentInformation](#)
- [RegistrationAssociationFilter](#)
- [RegistrationAssociationMetadata](#)
- [RegistrationAttachmentFilter](#)
- [RegistrationAttachmentsInformation](#)
- [RegistrationDeniedReasonInformation](#)
- [RegistrationFieldDefinition](#)
- [RegistrationFieldDisplayHints](#)
- [RegistrationFieldValueInformation](#)
- [RegistrationFilter](#)
- [RegistrationInformation](#)
- [RegistrationSectionDefinition](#)
- [RegistrationSectionDisplayHints](#)
- [RegistrationTypeDefinition](#)
- [RegistrationTypeDisplayHints](#)
- [RegistrationTypeFilter](#)
- [RegistrationVersionFilter](#)
- [RegistrationVersionInformation](#)

- [RegistrationVersionStatusHistory](#)
- [SelectOptionDescription](#)
- [SelectValidation](#)
- [SenderIdAndCountry](#)
- [SenderIdFilter](#)
- [SenderIdInformation](#)
- [SnsDestination](#)
- [SpendLimit](#)
- [SupportedAssociation](#)
- [Tag](#)
- [TemplateVariableMetadata](#)
- [TestingAgentInformation](#)
- [TextValidation](#)
- [ValidationExceptionField](#)
- [VerifiedDestinationNumberFilter](#)
- [VerifiedDestinationNumberInformation](#)

AccountAttribute

Displays the attributes associated with a single AWS account.

Contents

Name

The name of the account attribute.

Type: String

Valid Values: ACCOUNT_TIER | DEFAULT_PROTECT_CONFIGURATION_ID

Required: Yes

Value

The value associated with the account attribute name.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AccountLimit

The current resource quotas associated with an AWS account.

Contents

Max

The AWS set limit for that resource type, in US dollars.

Type: Long

Required: Yes

Name

The name of the attribute to apply the account limit to.

Type: String

Valid Values: PHONE_NUMBERS | POOLS | CONFIGURATION_SETS | OPT_OUT_LISTS
| SENDER_IDS | REGISTRATIONS | REGISTRATION_ATTACHMENTS |
VERIFIED_DESTINATION_NUMBERS

Required: Yes

Used

The current amount that has been spent, in US dollars.

Type: Long

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CarrierStatusInformation

Contains carrier-level launch status details for an RCS agent within a country.

Contents

CarrierName

The name of the carrier.

Type: String

Required: Yes

Status

The launch status for this carrier.

Type: String

Valid Values: PENDING | ACTIVE | REJECTED

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CloudWatchLogsDestination

Contains the destination configuration to use when publishing message sending events.

Contents

IamRoleArn

The Amazon Resource Name (ARN) of an AWS Identity and Access Management role that is able to write event data to an Amazon CloudWatch destination.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\S+`

Required: Yes

LogGroupArn

The name of the Amazon CloudWatch log group that you want to record events in.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\S+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ConfigurationSetFilter

The information for configuration sets that meet a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: event-destination-name | matching-event-types | default-message-type | default-sender-id | default-message-feedback-enabled | protect-configuration-id

Required: Yes

Values

An array values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ConfigurationSetInformation

Information related to a given configuration set in your AWS account.

Contents

ConfigurationSetArn

The Resource Name (ARN) of the ConfigurationSet.

Type: String

Required: Yes

ConfigurationSetName

The name of the ConfigurationSet.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Required: Yes

CreatedTimestamp

The time when the ConfigurationSet was created, in [UNIX epoch time](#) format.

Type: Timestamp

Required: Yes

EventDestinations

An array of EventDestination objects that describe any events to log and where to log them.

Type: Array of [EventDestination](#) objects

Required: Yes

DefaultMessageFeedbackEnabled

True if message feedback is enabled.

Type: Boolean

Required: No

DefaultMessageType

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

Required: No

DefaultSenderId

The default sender ID used by the ConfigurationSet.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

Pattern: [A-Za-z0-9_-]+

Required: No

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CountryLaunchStatusFilter

The information for a country launch status that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: country-launch-status

Required: Yes

Values

An array values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: [/\\ . : A-Z a-z 0-9+ _ -]+

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CountryLaunchStatusInformation

Contains per-country launch status details for an RCS agent.

Contents

CarrierStatus

An array of CarrierStatusInformation objects containing carrier-level launch status details.

Type: Array of [CarrierStatusInformation](#) objects

Required: Yes

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: Yes

RegistrationId

The unique identifier of the registration associated with this country launch.

Type: String

Required: Yes

Status

The launch status for this country.

Type: String

Valid Values: CREATED | PENDING | PARTIAL | ACTIVE | REJECTED

Required: Yes

RcsPlatformId

The RCS platform identifier for this country.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EventDestination

Contains information about an event destination.

Event destinations are associated with configuration sets, which enable you to publish message sending events to CloudWatch, Firehose, or Amazon SNS.

Contents

Enabled

When set to true events will be logged.

Type: Boolean

Required: Yes

EventDestinationName

The name of the EventDestination.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Required: Yes

MatchingEventTypes

An array of event types that determine which events to log.

Note

The TEXT_SENT event type is not supported.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 43 items.

Valid Values: ALL | TEXT_ALL | TEXT_SENT | TEXT_PENDING | TEXT_QUEUED | TEXT_SUCCESSFUL | TEXT_DELIVERED | TEXT_INVALID | TEXT_INVALID_MESSAGE | TEXT_UNREACHABLE | TEXT_CARRIER_UNREACHABLE | TEXT_BLOCKED |

TEXT_CARRIER_BLOCKED | TEXT_SPAM | TEXT_UNKNOWN | TEXT_TTL_EXPIRED
| TEXT_PROTECT_BLOCKED | VOICE_ALL | VOICE_INITIATED | VOICE_RINGING
| VOICE_ANSWERED | VOICE_COMPLETED | VOICE_BUSY | VOICE_NO_ANSWER
| VOICE_FAILED | VOICE_TTL_EXPIRED | MEDIA_ALL | MEDIA_PENDING |
MEDIA_QUEUED | MEDIA_SUCCESSFUL | MEDIA_DELIVERED | MEDIA_INVALID |
MEDIA_INVALID_MESSAGE | MEDIA_UNREACHABLE | MEDIA_CARRIER_UNREACHABLE
| MEDIA_BLOCKED | MEDIA_CARRIER_BLOCKED | MEDIA_SPAM |
MEDIA_UNKNOWN | MEDIA_TTL_EXPIRED | MEDIA_FILE_INACCESSIBLE |
MEDIA_FILE_TYPE_UNSUPPORTED | MEDIA_FILE_SIZE_EXCEEDED

Required: Yes

CloudWatchLogsDestination

An object that contains information about an event destination that sends logging events to Amazon CloudWatch logs.

Type: [CloudWatchLogsDestination](#) object

Required: No

KinesisFirehoseDestination

An object that contains information about an event destination for logging to Amazon Data Firehose.

Type: [KinesisFirehoseDestination](#) object

Required: No

SnsDestination

An object that contains information about an event destination that sends logging events to Amazon SNS.

Type: [SnsDestination](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

KeywordFilter

The information for keywords that meet a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: keyword-action

Required: Yes

Values

An array values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

KeywordInformation

The information for all keywords in a pool.

Contents

Keyword

The keyword as a string.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: [\S]+

Required: Yes

KeywordAction

The action to perform for the keyword.

Type: String

Valid Values: AUTOMATIC_RESPONSE | OPT_OUT | OPT_IN

Required: Yes

KeywordMessage

A custom message that can be used with the keyword.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1600.

Pattern: (?!\\s*\$)[\\s\\S]+

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

KinesisFirehoseDestination

Contains the delivery stream Amazon Resource Name (ARN), and the ARN of the AWS Identity and Access Management (IAM) role associated with a Firehose event destination.

Event destinations, such as Firehose, are associated with configuration sets, which enable you to publish message sending events.

Contents

DeliveryStreamArn

The Amazon Resource Name (ARN) of the delivery stream.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\S+`

Required: Yes

IamRoleArn

The ARN of an AWS Identity and Access Management role that is able to write event data to an Amazon Data Firehose destination.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\S+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

NotifyConfigurationFilter

The information for notify configurations that meet a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `display-name` | `enabled-countries` | `enabled-channels` | `default-template` | `default-pool` | `use-case` | `status` | `deletion-protection-enabled` | `tier-upgrade-status`

Required: Yes

Values

An array values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

NotifyConfigurationInformation

The information for a notify configuration in an AWS account.

Contents

CreatedTimestamp

The time when the notify configuration was created, in [UNIX epoch time](#) format.

Type: Timestamp

Required: Yes

DeletionProtectionEnabled

When set to true deletion protection is enabled. By default this is set to false.

Type: Boolean

Required: Yes

DisplayName

The display name associated with the notify configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 15.

Pattern: [A-Za-z0-9_ -]+

Required: Yes

EnabledChannels

An array of channels enabled for the notify configuration. Supported values include SMS and VOICE.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: SMS | VOICE | MMS | RCS

Required: Yes

NotifyConfigurationArn

The Amazon Resource Name (ARN) for the notify configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `arn:\S+`

Required: Yes

NotifyConfigurationId

The unique identifier for the notify configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_-]+`

Required: Yes

Status

The current status of the notify configuration.

Type: String

Valid Values: `PENDING` | `ACTIVE` | `REJECTED` | `REQUIRES_VERIFICATION`

Required: Yes

Tier

The tier of the notify configuration.

Type: String

Valid Values: `BASIC` | `ADVANCED`

Required: Yes

TierUpgradeStatus

The tier upgrade status of the notify configuration.

Type: String

Valid Values: BASIC | PENDING_UPGRADE | ADVANCED | REJECTED

Required: Yes

UseCase

The use case for the notify configuration.

Type: String

Valid Values: CODE_VERIFICATION

Required: Yes

DefaultTemplateId

The default template identifier associated with the notify configuration.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: ([A-Za-z0-9_-]* | UNSET_DEFAULT_TEMPLATE)

Required: No

EnabledCountries

An array of two-character ISO country codes, in ISO 3166-1 alpha-2 format, that are enabled for the notify configuration.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 300 items.

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: No

PoolId

The identifier of the pool associated with the notify configuration.

Type: String

Required: No

RejectionReason

The reason the notify configuration was rejected, if applicable.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

NotifyCountryInformation

The information for a country that supports notify messaging.

Contents

CountryName

The name of the country.

Type: String

Required: Yes

CustomerOwnedIdentityRequired

Whether a customer-owned identity is required to send notify messages to this country.

Type: Boolean

Required: Yes

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: Yes

SupportedChannels

An array of supported channels for the country. Supported values include SMS and VOICE.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: SMS | VOICE | MMS | RCS

Required: Yes

SupportedTiers

An array of supported tiers for the country.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: BASIC | ADVANCED

Required: Yes

SupportedUseCases

An array of supported use cases for the country.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: CODE_VERIFICATION

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

NotifyTemplateFilter

The information for notify templates that meet a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `template-type` | `channels` | `tier-access` | `supported-countries` | `language-code` | `supported-voice-ids`

Required: Yes

Values

An array values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

NotifyTemplateInformation

The information for a system-managed notify template in an AWS account.

Contents

Channels

The channels for the template. Supported values are SMS and VOICE.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: SMS | VOICE | MMS | RCS

Required: Yes

CreatedTimestamp

The time when the notify template was created, in [UNIX epoch time](#) format.

Type: Timestamp

Required: Yes

TemplateId

The unique identifier for the template.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: ([A-Za-z0-9_-]* | UNSET_DEFAULT_TEMPLATE)

Required: Yes

TemplateType

The type of the template.

Type: String

Valid Values: OTP_VERIFICATION

Required: Yes

Version

The version of the template.

Type: Integer

Valid Range: Minimum value of 1.

Required: Yes

Content

The content of the template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

LanguageCode

The language code for the template.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 5.

Pattern: `[a-z]{2}(-[A-Z]{2})?`

Required: No

Status

The current status of the template.

Type: String

Valid Values: ACTIVE | INACTIVE

Required: No

SupportedCountries

An array of supported country codes for the template.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 300 items.

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: No

SupportedVoiceIds

An array of supported voice IDs for voice templates.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 60 items.

Valid Values: AMY | ASTRID | BIANCA | BRIAN | CAMILA | CARLA | CARMEN | CELINE | CHANTAL | CONCHITA | CRISTIANO | DORA | EMMA | ENRIQUE | EWA | FILIZ | GERAINT | GIORGIO | GWYNETH | HANS | INES | IVY | JACEK | JAN | JOANNA | JOEY | JUSTIN | KARL | KENDRA | KIMBERLY | LEA | LIV | LOTTE | LUCIA | LUPE | MADS | MAJA | MARLENE | MATHIEU | MATTHEW | MAXIM | MIA | MIGUEL | MIZUKI | NAJA | NICOLE | PENELOPE | RAVEENA | RICARDO | RUBEN | RUSSELL | SALLI | SEOYEON | TAKUMI | TATYANA | VICKI | VITORIA | ZEINA | ZHIYU

Required: No

TierAccess

The tier access level for the template.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: BASIC | ADVANCED

Required: No

Variables

An array of template variable metadata for the template.

Type: String to [TemplateVariableMetadata](#) object map

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

OptedOutFilter

The information for opted out numbers that meet a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: end-user-opted-out

Required: Yes

Values

An array of values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

OptedOutNumberInformation

The information for an opted out number in an AWS account.

Contents

EndUserOptedOut

This is set to true if it was the end recipient that opted out.

Type: Boolean

Required: Yes

OptedOutNumber

The phone number that is opted out.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+?[1-9][0-9]{1,18}

Required: Yes

OptedOutTimestamp

The time that the opt out occurred, in [UNIX epoch time](#) format.

Type: Timestamp

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

OptOutListInformation

The information for all OptOutList in an AWS account.

Contents

CreatedTimestamp

The time when the OutOutList was created, in [UNIX epoch time](#) format.

Type: Timestamp

Required: Yes

OptOutListArn

The Amazon Resource Name (ARN) of the OptOutList.

Type: String

Required: Yes

OptOutListName

The name of the OptOutList.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

OriginationIdentityMetadata

The metadata for an origination identity associated with a pool.

Contents

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region. This field is optional and may not be present for origination identity types that are not country-specific, such as RCS agents.

Type: String

Length Constraints: Fixed length of 2.

Pattern: `[A-Z]{2}`

Required: Yes

NumberCapabilities

Describes if the origination identity can be used for text messages, voice calls or both.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: SMS | VOICE | MMS | RCS

Required: Yes

OriginationIdentity

The unique identifier of the origination identity.

Type: String

Required: Yes

OriginationIdentityArn

The Amazon Resource Name (ARN) associated with the origination identity.

Type: String

Required: Yes

PhoneNumber

The phone number in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PhoneNumberFilter

The information for a phone number that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `status` | `iso-country-code` | `message-type` | `number-capability` | `number-type` | `two-way-enabled` | `self-managed-opt-outs-enabled` | `opt-out-list-name` | `deletion-protection-enabled` | `two-way-channel-arn`

Required: Yes

Values

An array values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PhoneNumberInformation

The information for a phone number, in E.164 format, in an AWS account.

Contents

CreatedTimestamp

The time when the phone number was created, in [UNIX epoch time](#) format.

Type: Timestamp

Required: Yes

DeletionProtectionEnabled

When set to true the phone number can't be deleted.

Type: Boolean

Required: Yes

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: `[A-Z]{2}`

Required: Yes

MessageType

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

Required: Yes

MonthlyLeasingPrice

The price, in US dollars, to lease the phone number.

Type: String

Required: Yes

NumberCapabilities

Describes if the origination identity can be used for text messages, voice calls or both.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: SMS | VOICE | MMS | RCS

Required: Yes

NumberType

The type of phone number.

Type: String

Valid Values: SHORT_CODE | LONG_CODE | TOLL_FREE | TEN_DLC | SIMULATOR

Required: Yes

OptOutListName

The name of the OptOutList associated with the phone number.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Required: Yes

PhoneNumber

The phone number in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

Required: Yes

PhoneNumberArn

The Amazon Resource Name (ARN) associated with the phone number.

Type: String

Required: Yes

SelfManagedOptOutsEnabled

When set to false and an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, AWS End User Messaging SMS automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out request. For more information see [Self-managed opt-outs](#)

Type: Boolean

Required: Yes

Status

The current status of the phone number.

Type: String

Valid Values: PENDING | ACTIVE | ASSOCIATING | DISASSOCIATING | DELETED

Required: Yes

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients using the TwoWayChannelArn.

Type: Boolean

Required: Yes

InternationalSendingEnabled

When set to true the international sending of phone number is Enabled.

Type: Boolean

Required: No

PhoneNumberId

The unique identifier for the phone number.

Type: String

Required: No

PoolId

The unique identifier of the pool associated with the phone number.

Type: String

Required: No

RegistrationId

The unique identifier for the registration.

Type: String

Required: No

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

Required: No

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: arn:\S+

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PoolFilter

The information for a pool that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: status | message-type | two-way-enabled | self-managed-opt-outs-enabled | opt-out-list-name | shared-routes-enabled | deletion-protection-enabled | two-way-channel-arn

Required: Yes

Values

An array values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PoolInformation

The information for a pool in an AWS account.

Contents

CreatedTimestamp

The time when the pool was created, in [UNIX epoch time](#) format.

Type: Timestamp

Required: Yes

DeletionProtectionEnabled

When set to true the pool can't be deleted.

Type: Boolean

Required: Yes

MessageType

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: TRANSACTIONAL | PROMOTIONAL

Required: Yes

OptOutListName

The name of the OptOutList associated with the pool.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Required: Yes

PoolArn

The Amazon Resource Name (ARN) for the pool.

Type: String

Required: Yes

PoolId

The unique identifier for the pool.

Type: String

Required: Yes

SelfManagedOptOutsEnabled

When set to false, an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, AWS End User Messaging SMS automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests. For more information see [Self-managed opt-outs](#)

Type: Boolean

Required: Yes

SharedRoutesEnabled

Allows you to enable shared routes on your pool.

By default, this is set to `False`. If you set this value to `True`, your messages are sent using phone numbers or sender IDs (depending on the country) that are shared with other users. In some countries, such as the United States, senders aren't allowed to use shared routes and must use a dedicated phone number or short code.

Type: Boolean

Required: Yes

Status

The current status of the pool.

Type: String

Valid Values: CREATING | ACTIVE | DELETING

Required: Yes

TwoWayEnabled

When set to true you can receive incoming text messages from your end recipients using the TwoWayChannelArn.

Type: Boolean

Required: Yes

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

Required: No

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: arn:\S+

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PoolOriginationIdentitiesFilter

Information about origination identities associated with a pool that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: iso-country-code | number-capability

Required: Yes

Values

An array values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: [/\\ . : A-Z a-z 0-9+ _ -]+

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProtectConfigurationCountryRuleSetInformation

The types of statuses that can be used.

Contents

ProtectStatus

The types of protection that can be used.

Type: String

Valid Values: ALLOW | BLOCK | MONITOR | FILTER

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProtectConfigurationFilter

The filter definition for filtering protect configurations that meet a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `account-default` | `deletion-protection-enabled`

Required: Yes

Values

An array of values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProtectConfigurationInformation

Provides information on the specified protect configuration.

Contents

AccountDefault

This is true if the protect configuration is set as your account default protect configuration.

Type: Boolean

Required: Yes

CreatedTimestamp

The time when the protect configuration was created, in [UNIX epoch time](#) format.

Type: Timestamp

Required: Yes

DeletionProtectionEnabled

The status of deletion protection for the protect configuration. When set to true deletion protection is enabled. By default this is set to false.

Type: Boolean

Required: Yes

ProtectConfigurationArn

The Amazon Resource Name (ARN) of the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `arn:\S+`

Required: Yes

ProtectConfigurationId

The unique identifier for the protect configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProtectConfigurationRuleSetNumberOverride

Provides details on phone number rule overrides for a protect configuration.

Contents

Action

The action for the rule to perform of either blocking or allowing messages to the destination phone number.

Type: String

Valid Values: ALLOW | BLOCK

Required: Yes

CreatedTimestamp

The time when the rule was created, in [UNIX epoch time](#) format.

Type: Timestamp

Required: Yes

DestinationPhoneNumber

The destination phone number in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

Required: Yes

ExpirationTimestamp

The time the rule will expire at. If ExpirationTimestamp is not set then the rule will not expire.

Type: Timestamp

Required: No

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProtectConfigurationRuleSetNumberOverrideFilterItem

The information for a protect configuration rule set number override that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: iso-country-code | destination-phone-number-begins-with | action | expires-before | expires-after | created-before | created-after

Required: Yes

Values

An array values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RcsAgentFilter

The information for an RCS agent that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: status | two-way-enabled | self-managed-opt-outs-enabled | opt-out-list-name | deletion-protection-enabled | two-way-channel-arn

Required: Yes

Values

An array values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RcsAgentInformation

The information for an RCS agent in an AWS account.

Contents

CreatedTimestamp

The time when the RCS agent was created, in [UNIX epoch time](#) format.

Type: Timestamp

Required: Yes

DeletionProtectionEnabled

When set to true the RCS agent can't be deleted.

Type: Boolean

Required: Yes

RcsAgentArn

The Amazon Resource Name (ARN) of the RCS agent.

Type: String

Required: Yes

RcsAgentId

The unique identifier for the RCS agent.

Type: String

Required: Yes

SelfManagedOptOutsEnabled

When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

Required: Yes

Status

The current status of the RCS agent.

Type: String

Valid Values: CREATED | PENDING | TESTING | PARTIAL | ACTIVE | DELETED

Required: Yes

TwoWayEnabled

When set to true you can receive incoming text messages from your end recipients using the TwoWayChannelArn.

Type: Boolean

Required: Yes

OptOutListName

The name of the OptOutList associated with the RCS agent.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_-]+

Required: No

PoolId

The unique identifier of the pool associated with the RCS agent.

Type: String

Required: No

TestingAgent

The testing agent information associated with the RCS agent.

Type: [TestingAgentInformation](#) object

Required: No

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

Required: No

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: arn:\S+

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationAssociationFilter

The filter definition for filtering registrations that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: resource-type | iso-country-code

Required: Yes

Values

An array of values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationAssociationMetadata

Metadata for the origination identity that is associated with the registration.

Contents

ResourceArn

The Amazon Resource Name (ARN) of the origination identity that is associated with the registration.

Type: String

Required: Yes

ResourceId

The unique identifier for the origination identity. For example this could be a **PhoneNumberId** or **SenderId**.

Type: String

Required: Yes

ResourceType

The origination identity type.

Type: String

Required: Yes

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: `[A-Z]{2}`

Required: No

PhoneNumber

The phone number associated with the registration in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: \+[1-9][0-9]{1,18}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationAttachmentFilter

The filter definition for filtering registration attachments that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: attachment-status

Required: Yes

Values

An array of values to filter on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationAttachmentsInformation

Provides information on the specified registration attachments.

Contents

AttachmentStatus

The status of the registration attachment.

- `UPLOAD_IN_PROGRESS` The attachment is being uploaded.
- `UPLOAD_COMPLETE` The attachment has been uploaded.
- `UPLOAD_FAILED` The attachment failed to upload.
- `DELETED` The attachment has been deleted.

Type: String

Valid Values: `UPLOAD_IN_PROGRESS` | `UPLOAD_COMPLETE` | `UPLOAD_FAILED` | `DELETED`

Required: Yes

CreatedTimestamp

The time when the registration attachment was created, in [UNIX epoch time](#) format.

Type: Timestamp

Required: Yes

RegistrationAttachmentArn

The Amazon Resource Name (ARN) for the registration attachment.

Type: String

Required: Yes

RegistrationAttachmentId

The unique identifier for the registration attachment.

Type: String

Required: Yes

AttachmentUploadErrorReason

A description of why the upload didn't successfully complete.

Type: String

Valid Values: INTERNAL_ERROR

Required: No

AttachmentUrl

The URL to the document that's associated with the registration attachment.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationDeniedReasonInformation

Provides the reason a registration was rejected.

Contents

Reason

The reason a registration was rejected.

Type: String

Required: Yes

ShortDescription

A short description of the rejection reason.

Type: String

Required: Yes

DocumentationLink

The link to the document.

Type: String

Required: No

DocumentationTitle

The title of the document.

Type: String

Required: No

LongDescription

A long description of the rejection reason.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationFieldDefinition

Provides a description of the specified field.

Contents

DisplayHints

An array of RegistrationFieldDisplayHints objects for the field.

Type: [RegistrationFieldDisplayHints](#) object

Required: Yes

FieldPath

The path to the registration form field. You can use [DescribeRegistrationFieldDefinitions](#) for a list of **FieldPaths**.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [A-Za-z0-9_\.\.]+

Required: Yes

FieldRequirement

Specifies if the field for the registration form is required, conditional or optional.

Type: String

Valid Values: REQUIRED | CONDITIONAL | OPTIONAL

Required: Yes

FieldType

The type of field.

Type: String

Valid Values: SELECT | TEXT | ATTACHMENT

Required: Yes

SectionPath

The section path of the field.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [A-Za-z0-9_]+

Required: Yes

SelectValidation

The validation rules for a select field.

Type: [SelectValidation](#) object

Required: No

TextValidation

The validation rules for a text field.

Type: [TextValidation](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationFieldDisplayHints

Provides help information on the registration field.

Contents

ShortDescription

A short description of the display hint.

Type: String

Required: Yes

Title

The title of the display hint.

Type: String

Required: Yes

DocumentationLink

The link to the document the display hint is associated with.

Type: String

Required: No

DocumentationTitle

The title of the document the display hint is associated with.

Type: String

Required: No

ExampleTextValue

Example text of what the value of a field should contain.

Type: String

Required: No

LongDescription

A full description of the display hint.

Type: String

Required: No

SelectOptionDescriptions

An array of SelectOptionDescription objects.

Type: Array of [SelectOptionDescription](#) objects

Required: No

TextValidationDescription

The validation rules for the text field.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationFieldValueInformation

Provides the values of the specified field.

Contents

FieldPath

The path to the registration form field. You can use [DescribeRegistrationFieldDefinitions](#) for a list of **FieldPaths**.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [A-Za-z0-9_\.]+

Required: Yes

DeniedReason

A description of why the registration was denied.

Type: String

Required: No

Feedback

Generative AI feedback information provided for this specific field during the registration review process. This may include validation errors, suggestions for improvement, or additional requirements.

Type: String

Required: No

RegistrationAttachmentId

The unique identifier for the registration attachment.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [A-Za-z0-9_:/-]+

Required: No

SelectChoices

An array of values for the form field.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

TextValue

The text data for a free form field.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationFilter

The filter definition for filtering registrations that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `registration-type` | `registration-status`

Required: Yes

Values

An array of values to filter on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationInformation

Provides information about the requested registration.

Contents

CreatedTimestamp

The time when the registration was created, in [UNIX epoch time](#) format.

Type: Timestamp

Required: Yes

CurrentVersionNumber

The current version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Required: Yes

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

Required: Yes

RegistrationId

The unique identifier for the registration.

Type: String

Required: Yes

RegistrationStatus

The status of the registration.

- **CLOSED:** The phone number or sender ID has been deleted and you must also delete the registration for the number.

- **CREATED:** Your registration is created but not submitted.
- **COMPLETE:** Your registration has been approved and your origination identity has been created.
- **DELETED:** The registration has been deleted.
- **PROVISIONING:** Your registration has been approved and your origination identity is being created.
- **REQUIRES_AUTHENTICATION:** You need to complete email authentication.
- **REQUIRES_UPDATES:** You must fix your registration and resubmit it.
- **REVIEWING:** Your registration has been accepted and is being reviewed.
- **SUBMITTED:** Your registration has been submitted and is awaiting review.

Type: String

Valid Values: CREATED | SUBMITTED | AWS_REVIEWING | REVIEWING | REQUIRES_AUTHENTICATION | PROVISIONING | COMPLETE | REQUIRES_UPDATES | CLOSED | DELETED

Required: Yes

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the [DescribeRegistrationTypeDefinitions](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_]+

Required: Yes

AdditionalAttributes

Metadata about a given registration which is specific to that registration type.

Type: String to string map

Required: No

ApprovedVersionNumber

The version number of the registration that was approved.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Required: No

LatestDeniedVersionNumber

The latest version number of the registration that was denied.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationSectionDefinition

Provides information on the specified section definition.

Contents

DisplayHints

The path to the section of the registration.

Type: [RegistrationSectionDisplayHints](#) object

Required: Yes

SectionPath

The path to the section of the registration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [A-Za-z0-9_]+

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationSectionDisplayHints

Provides help information on the registration section.

Contents

ShortDescription

A short description of the display hint.

Type: String

Required: Yes

Title

The title of the display hint.

Type: String

Required: Yes

DocumentationLink

The link to the document the display hint is associated with.

Type: String

Required: No

DocumentationTitle

The title of the document the display hint is associated with.

Type: String

Required: No

LongDescription

A full description of the display hint.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationTypeDefinition

Provides information on the supported registration type.

Contents

DisplayHints

Provides help information on the registration.

Type: [RegistrationTypeDisplayHints](#) object

Required: Yes

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the [DescribeRegistrationTypeDefinitions](#) action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: [A-Za-z0-9_]+

Required: Yes

SupportedAssociations

The supported association behavior for the registration type.

Type: Array of [SupportedAssociation](#) objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

RegistrationTypeDisplayHints

Provides help information on the registration type.

Contents

Title

The title of the display hint.

Type: String

Required: Yes

DocumentationLink

The link to the document the display hint is associated with.

Type: String

Required: No

DocumentationTitle

The title of the document the display hint is associated with.

Type: String

Required: No

LongDescription

A full description of the display hint.

Type: String

Required: No

ShortDescription

A short description of the display hint.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationTypeFilter

The filter definition for filtering registration types that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: supported-association-resource-type | supported-association-iso-country-code

Required: Yes

Values

An array of values to filter on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationVersionFilter

The filter definition for filtering registration versions that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: registration-version-status

Required: Yes

Values

An array of values to filter on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationVersionInformation

Provides information about the specified version of the registration.

Contents

RegistrationVersionStatus

The status of the registration.

- **APPROVED:** Your registration has been approved.
- **ARCHIVED:** Your previously approved registration version moves into this status when a more recently submitted version is approved.
- **DENIED:** You must fix your registration and resubmit it.
- **DISCARDED:** You've abandon this version of their registration to start over with a new version.
- **DRAFT:** The initial status of a registration version after it's created.
- **REQUIRES_AUTHENTICATION:** You need to complete email authentication.
- **REVIEWING:** Your registration has been accepted and is being reviewed.
- **REVOKED:** Your previously approved registration has been revoked.
- **SUBMITTED:** Your registration has been submitted.

Type: String

Valid Values: DRAFT | SUBMITTED | AWS_REVIEWING | REVIEWING | REQUIRES_AUTHENTICATION | APPROVED | DISCARDED | DENIED | REVOKED | ARCHIVED | REQUIRES_OFFLINE_REVIEW

Required: Yes

RegistrationVersionStatusHistory

The **RegistrationVersionStatusHistory** object contains the time stamps for when the reservations status changes.

Type: [RegistrationVersionStatusHistory](#) object

Required: Yes

VersionNumber

The version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Required: Yes

DeniedReasons

An array of RegistrationDeniedReasonInformation objects.

Type: Array of [RegistrationDeniedReasonInformation](#) objects

Required: No

Feedback

Generative AI feedback information provided during the registration review process. This includes comments, suggestions, or additional requirements.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationVersionStatusHistory

The **RegistrationVersionStatusHistory** object contains the time stamps for when the reservations status changes.

Contents

DraftTimestamp

The time when the registration was in the draft state, in [UNIX epoch time](#) format.

Type: Timestamp

Required: Yes

ApprovedTimestamp

The time when the registration was in the approved state, in [UNIX epoch time](#) format.

Type: Timestamp

Required: No

ArchivedTimestamp

The time when the registration was in the archived state, in [UNIX epoch time](#) format.

Type: Timestamp

Required: No

AwsReviewingTimestamp

The time when the registration was in the AWS reviewing state, in [UNIX epoch time](#) format.

Type: Timestamp

Required: No

DeniedTimestamp

The time when the registration was in the denied state, in [UNIX epoch time](#) format.

Type: Timestamp

Required: No

DiscardedTimestamp

The time when the registration was in the discarded state, in [UNIX epoch time](#) format.

Type: Timestamp

Required: No

RequiresAuthenticationTimestamp

The time when the registration was in the requires authentication state, in [UNIX epoch time](#) format.

Type: Timestamp

Required: No

ReviewingTimestamp

The time when the registration was in the reviewing state, in [UNIX epoch time](#) format.

Type: Timestamp

Required: No

RevokedTimestamp

The time when the registration was in the revoked state, in [UNIX epoch time](#) format.

Type: Timestamp

Required: No

SubmittedTimestamp

The time when the registration was in the submitted state, in [UNIX epoch time](#) format.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SelectOptionDescription

A description of each select option.

Contents

Option

The value of the option.

Type: String

Required: Yes

Description

A description of the option meaning.

Type: String

Required: No

Title

The title of the select option.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SelectValidation

Validation rules for a select field.

Contents

MaxChoices

The maximum number of choices for the select.

Type: Integer

Required: Yes

MinChoices

The minimum number of choices for the select.

Type: Integer

Required: Yes

Options

An array of strings for the possible selection options.

Type: Array of strings

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SenderIdAndCountry

The alphanumeric sender ID in a specific country that you want to describe. For more information on sender IDs see [Requesting sender IDs](#) in the *AWS End User Messaging SMS User Guide*.

Contents

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: `[A-Z]{2}`

Required: Yes

SenderId

The unique identifier of the sender.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9_:/- ]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SenderIdFilter

The information for a sender ID that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: sender-id | iso-country-code | message-type | deletion-protection-enabled | registered

Required: Yes

Values

An array of values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SenderIdInformation

The information for all SenderIds in an AWS account.

Contents

DeletionProtectionEnabled

By default this is set to false. When set to true the sender ID can't be deleted.

Type: Boolean

Required: Yes

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: Yes

MessageTypes

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Valid Values: TRANSACTIONAL | PROMOTIONAL

Required: Yes

MonthlyLeasingPrice

The monthly leasing price, in US dollars.

Type: String

Required: Yes

Registered

True if the sender ID is registered.

Type: Boolean

Required: Yes

SenderId

The alphanumeric sender ID in a specific country that you'd like to describe.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

Pattern: [A-Za-z0-9_-]+

Required: Yes

SenderIdArn

The Amazon Resource Name (ARN) associated with the SenderId.

Type: String

Required: Yes

RegistrationId

The unique identifier for the registration.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

SnsDestination

An object that defines an Amazon SNS destination for events. You can use Amazon SNS to send notification when certain events occur.

Contents

TopicArn

The Amazon Resource Name (ARN) of the Amazon SNS topic that you want to publish events to.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\S+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SpendLimit

Describes the current monthly spend limits for sending voice and text messages. For more information on increasing your monthly spend limit, see [Requesting a spending quota increase](#) in the *AWS End User Messaging SMS User Guide*.

Contents

EnforcedLimit

The maximum amount of money, in US dollars, that you want to be able to spend sending messages each month. This value has to be less than or equal to the amount in `MaxLimit`. To use this custom limit, `Overridden` must be set to `true`.

Type: Long

Required: Yes

MaxLimit

The maximum amount of money that you are able to spend to send messages each month, in US dollars.

Type: Long

Required: Yes

Name

The name for the `SpendLimit`.

Type: String

Valid Values: `TEXT_MESSAGE_MONTHLY_SPEND_LIMIT` | `VOICE_MESSAGE_MONTHLY_SPEND_LIMIT` | `MEDIA_MESSAGE_MONTHLY_SPEND_LIMIT` | `NOTIFY_MESSAGE_MONTHLY_SPEND_LIMIT`

Required: Yes

Overridden

When set to `True`, the value that has been specified in the `EnforcedLimit` is used to determine the maximum amount in US dollars that can be spent to send messages each month, in US dollars.

Type: Boolean

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SupportedAssociation

The processing rules for when a registration can be associated with an origination identity and disassociated from an origination identity.

Contents

AssociationBehavior

The association behavior.

- **ASSOCIATE_BEFORE_SUBMIT** The origination identity has to be supplied when creating a registration.
- **ASSOCIATE_ON_APPROVAL** This applies to all sender ID registrations. The sender ID will be automatically provisioned once the registration is approved.
- **ASSOCIATE_AFTER_COMPLETE** This applies to phone number registrations when you must complete a registration first, then associate one or more phone numbers later. For example 10DLC campaigns and long codes.

Type: String

Valid Values: ASSOCIATE_BEFORE_SUBMIT | ASSOCIATE_ON_APPROVAL | ASSOCIATE_AFTER_COMPLETE

Required: Yes

DisassociationBehavior

The disassociation behavior.

- **DISASSOCIATE_ALL_CLOSES_REGISTRATION** All origination identities must be disassociated from the registration before the registration can be closed.
- **DISASSOCIATE_ALL_ALLOWS_DELETE_REGISTRATION** All origination identities must be disassociated from the registration before the registration can be deleted.
- **DELETE_REGISTRATION_DISASSOCIATES** The registration can be deleted and all origination identities will be disassociated.

Type: String

Valid Values: DISASSOCIATE_ALL_CLOSES_REGISTRATION | DISASSOCIATE_ALL_ALLOWS_DELETE_REGISTRATION | DELETE_REGISTRATION_DISASSOCIATES

Required: Yes

ResourceType

Defines the behavior of when an origination identity and registration can be associated with each other.

Type: String

Required: Yes

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

Pattern: [A-Z]{2}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Tag

The list of tags to be added to the specified topic.

Contents

Key

The key identifier, or name, of the tag.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: . +

Required: Yes

Value

The string value associated with the key of the tag.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: . *

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TemplateVariableMetadata

Contains metadata about a template variable.

Contents

Required

Whether the variable is required.

Type: Boolean

Required: Yes

Type

The type of the variable.

Type: String

Valid Values: STRING | INTEGER | BOOLEAN

Required: Yes

DefaultValue

The default value for the variable.

Type: String

Required: No

Description

A description of the variable.

Type: String

Required: No

MaxLength

The maximum length for string variables.

Type: Integer

Required: No

MaxValue

The maximum value for numeric variables.

Type: Integer

Required: No

MinValue

The minimum value for numeric variables.

Type: Integer

Required: No

Pattern

The regex pattern the variable value must match.

Type: String

Required: No

Sample

A sample value for the variable.

Type: String

Required: No

Source

The source of the variable, either CUSTOMER or SYSTEM.

Type: String

Valid Values: CUSTOMER | SYSTEM

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TestingAgentInformation

Contains details about the testing agent associated with an RCS agent.

Contents

RegistrationId

The unique identifier of the registration associated with the testing agent.

Type: String

Required: Yes

Status

The current status of the testing agent.

Type: String

Valid Values: CREATED | PENDING | ACTIVE

Required: Yes

TestingAgentId

The unique identifier for the testing agent.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TextValidation

Validation rules for a text field.

Contents

MaxLength

The maximum number of characters for the text field.

Type: Integer

Required: Yes

MinLength

The minimum number of characters for the text field.

Type: Integer

Required: Yes

Pattern

The regular expression used to validate the text field.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ValidationExceptionField

The field associated with the validation exception.

Contents

Message

The message associated with the validation exception with information to help determine its cause.

Type: String

Required: Yes

Name

The name of the field.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

VerifiedDestinationNumberFilter

The filter definition for filtering verified destination phone numbers that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `status` | `rcs-agent-id`

Required: Yes

Values

An array of values to filter on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[/\.\:A-Za-z0-9+_-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

VerifiedDestinationNumberInformation

Provides information about the requested verified destination phone number.

Contents

CreatedTimestamp

The time when the destination phone number was created, in [UNIX epoch time](#) format.

Type: Timestamp

Required: Yes

DestinationPhoneNumber

The verified destination phone number, in E.164 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: `\+[1-9][0-9]{1,18}`

Required: Yes

Status

The status of the verified destination phone number.

- PENDING: The phone number hasn't been verified yet.
- VERIFIED: The phone number is verified and can receive messages.

Type: String

Valid Values: PENDING | VERIFIED | UNSUPPORTED

Required: Yes

VerifiedDestinationNumberArn

The Amazon Resource Name (ARN) for the verified destination phone number.

Type: String

Required: Yes

VerifiedDestinationNumberId

The unique identifier for the verified destination phone number.

Type: String

Required: Yes

RcsAgentId

The unique identifier of the RCS agent associated with the verified destination number.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Common Parameters

The following list contains the parameters that all actions use for signing Signature Version 4 requests with a query string. Any action-specific parameters are listed in the topic for that action. For more information about Signature Version 4, see [Signing AWS API requests](#) in the *IAM User Guide*.

X-Amz-Algorithm

The hash algorithm that you used to create the request signature.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Valid Values: AWS4-HMAC-SHA256

Required: Conditional

X-Amz-Credential

The credential scope value, which is a string that includes your access key, the date, the region you are targeting, the service you are requesting, and a termination string ("aws4_request"). The value is expressed in the following format: *access_key/YYYYMMDD/region/service/aws4_request*.

For more information, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-Date

The date that is used to create the signature. The format must be ISO 8601 basic format (YYYYMMDD'T'HHMMSS'Z'). For example, the following date time is a valid X-Amz-Date value: 20120325T120000Z.

Condition: X-Amz-Date is optional for all requests; it can be used to override the date used for signing requests. If the Date header is specified in the ISO 8601 basic format, X-Amz-Date is not required. When X-Amz-Date is used, it always overrides the value of the Date header. For more information, see [Elements of an AWS API request signature](#) in the *IAM User Guide*.

Type: string

Required: Conditional

X-Amz-Security-Token

The temporary security token that was obtained through a call to AWS Security Token Service (AWS STS). For a list of services that support temporary security credentials from AWS STS, see [AWS services that work with IAM](#) in the *IAM User Guide*.

Condition: If you're using temporary security credentials from AWS STS, you must include the security token.

Type: string

Required: Conditional

X-Amz-Signature

Specifies the hex-encoded signature that was calculated from the string to sign and the derived signing key.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-SignedHeaders

Specifies all the HTTP headers that were included as part of the canonical request. For more information about specifying signed headers, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

Common Error Types

This section lists common error types that this AWS service may return. Not all services return all error types listed here. For errors specific to an API action for this service, see the topic for that API action.

AccessDeniedException

You don't have permission to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 403

ExpiredTokenException

The security token included in the request has expired. Request a new security token and try again.

HTTP Status Code: 403

IncompleteSignature

The request signature doesn't conform to AWS standards. Verify that you're using valid AWS credentials and that your request is properly formatted. If you're using an SDK, ensure it's up to date.

HTTP Status Code: 403

InternalFailure

The request can't be processed right now because of an internal server issue. Try again later. If the problem persists, contact AWS Support.

HTTP Status Code: 500

MalformedHttpRequestException

The request body can't be processed. This typically happens when the request body can't be decompressed using the specified content encoding algorithm. Verify that the content encoding header matches the compression format used.

HTTP Status Code: 400

NotAuthorized

You don't have permissions to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 401

OptInRequired

Your AWS account needs a subscription for this service. Verify that you've enabled the service in your account.

HTTP Status Code: 403

RequestAbortedException

The request was aborted before a response could be returned. This typically happens when the client closes the connection.

HTTP Status Code: 400

RequestEntityTooLargeException

The request entity is too large. Reduce the size of the request body and try again.

HTTP Status Code: 413

RequestTimeoutException

The request timed out. The server didn't receive the complete request within the expected time frame. Try again.

HTTP Status Code: 408

ServiceUnavailable

The service is temporarily unavailable. Try again later.

HTTP Status Code: 503

ThrottlingException

Your request rate is too high. The AWS SDKs automatically retry requests that receive this exception. Reduce the frequency of requests.

HTTP Status Code: 400

UnknownOperationException

The action or operation isn't recognized. Verify that the action name is spelled correctly and that it's supported by the API version you're using.

HTTP Status Code: 404

UnrecognizedClientException

The X.509 certificate or AWS access key ID you provided doesn't exist in our records. Verify that you're using valid credentials and that they haven't expired.

HTTP Status Code: 403

ValidationError

The input doesn't meet the required format or constraints. Check that all required parameters are included and that values are valid.

HTTP Status Code: 400