



Application Migration Service Api Docs

ApplicationMigrationService



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ApplicationMigrationService: Application Migration Service Api Docs

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Welcome

The Application Migration Service service.

This document was last published on April 5, 2026.

Actions

The following actions are supported:

- [ArchiveApplication](#)
- [ArchiveWave](#)
- [AssociateApplications](#)
- [AssociateSourceServers](#)
- [ChangeServerLifeCycleState](#)
- [CreateApplication](#)
- [CreateConnector](#)
- [CreateLaunchConfigurationTemplate](#)
- [CreateNetworkMigrationDefinition](#)
- [CreateReplicationConfigurationTemplate](#)
- [CreateWave](#)
- [DeleteApplication](#)
- [DeleteConnector](#)
- [DeleteJob](#)
- [DeleteLaunchConfigurationTemplate](#)
- [DeleteNetworkMigrationDefinition](#)
- [DeleteReplicationConfigurationTemplate](#)
- [DeleteSourceServer](#)
- [DeleteVcenterClient](#)
- [DeleteWave](#)
- [DescribeJobLogItems](#)
- [DescribeJobs](#)
- [DescribeLaunchConfigurationTemplates](#)
- [DescribeReplicationConfigurationTemplates](#)
- [DescribeSourceServers](#)
- [DescribeVcenterClients](#)
- [DisassociateApplications](#)

- [DisassociateSourceServers](#)
- [DisconnectFromService](#)
- [FinalizeCutover](#)
- [GetLaunchConfiguration](#)
- [GetNetworkMigrationDefinition](#)
- [GetNetworkMigrationMapperSegmentConstruct](#)
- [GetReplicationConfiguration](#)
- [InitializeService](#)
- [ListApplications](#)
- [ListConnectors](#)
- [ListExportErrors](#)
- [ListExports](#)
- [ListImportErrors](#)
- [ListImportFileEnrichments](#)
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- [ListNetworkMigrationMapperSegments](#)
- [ListNetworkMigrationMappings](#)
- [ListNetworkMigrationMappingUpdates](#)
- [ListSourceServerActions](#)
- [ListTagsForResource](#)

- [ListTemplateActions](#)
- [ListWaves](#)
- [MarkAsArchived](#)
- [PauseReplication](#)
- [PutSourceServerAction](#)
- [PutTemplateAction](#)
- [RemoveSourceServerAction](#)
- [RemoveTemplateAction](#)
- [ResumeReplication](#)
- [RetryDataReplication](#)
- [StartCutover](#)
- [StartExport](#)
- [StartImport](#)
- [StartImportFileEnrichment](#)
- [StartNetworkMigrationAnalysis](#)
- [StartNetworkMigrationCodeGeneration](#)
- [StartNetworkMigrationDeployment](#)
- [StartNetworkMigrationMapping](#)
- [StartNetworkMigrationMappingUpdate](#)
- [StartReplication](#)
- [StartTest](#)
- [StopReplication](#)
- [TagResource](#)
- [TerminateTargetInstances](#)
- [UnarchiveApplication](#)
- [UnarchiveWave](#)
- [UntagResource](#)
- [UpdateApplication](#)
- [UpdateConnector](#)
- [UpdateLaunchConfiguration](#)

- [UpdateLaunchConfigurationTemplate](#)
- [UpdateNetworkMigrationDefinition](#)
- [UpdateNetworkMigrationMapperSegment](#)
- [UpdateReplicationConfiguration](#)
- [UpdateReplicationConfigurationTemplate](#)
- [UpdateSourceServer](#)
- [UpdateSourceServerReplicationType](#)
- [UpdateWave](#)

ArchiveApplication

Archive application.

Request Syntax

```
POST /ArchiveApplication HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "applicationID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[accountID](#)

Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12}.*`

Required: No

[applicationID](#)

Application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `app-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "applicationAggregatedStatus": {
    "healthStatus": "string",
    "lastUpdateDateTime": "string",
    "progressStatus": "string",
    "totalSourceServers": number
  },
  "applicationID": "string",
  "arn": "string",
  "creationDateTime": "string",
  "description": "string",
  "isArchived": boolean,
  "lastModifiedDateTime": "string",
  "name": "string",
  "tags": {
    "string" : "string"
  },
  "waveID": "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.

applicationAggregatedStatus

Application aggregated status.

Type: [ApplicationAggregatedStatus](#) object

applicationID

Application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

arn

Application ARN.

Type: String

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

creationDateTime

Application creation dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: [1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z

description

Application description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: [^\x00]*

isArchived

Application archival status.

Type: Boolean

lastModifiedDateTime

Application last modified dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|12[0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

name

Application name.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

tags

Application tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

waveID

Application wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: `wave-[0-9a-zA-Z]{17}`

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

UninitializedAccountException

Uninitialized account 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](#)

ArchiveWave

Archive wave.

Request Syntax

```
POST /ArchiveWave HTTP/1.1
Content-type: application/json

{
  "accountID": "string",
  "waveID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

waveID

Wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: wave-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "arn": "string",
  "creationDateTime": "string",
  "description": "string",
  "isArchived": boolean,
  "lastModifiedDateTime": "string",
  "name": "string",
  "tags": {
    "string" : "string"
  },
  "waveAggregatedStatus": {
    "healthStatus": "string",
    "lastUpdateDateTime": "string",
    "progressStatus": "string",
    "replicationStartedDateTime": "string",
    "totalApplications": number
  },
  "waveID": "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.

arn

Wave ARN.

Type: String

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

creationDateTime

Wave creation dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

description

Wave description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[\^\x00]*`

isArchived

Wave archival status.

Type: Boolean

lastModifiedDateTime

Wave last modified dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

name

Wave name.

Type: String

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

Pattern: `[^\\s\\x00](*[^\\s\\x00])*`

tags

Wave tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

waveAggregatedStatus

Wave aggregated status.

Type: [WaveAggregatedStatus](#) object

waveID

Wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: `wave-[0-9a-zA-Z]{17}`

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

UninitializedAccountException

Uninitialized account 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](#)

AssociateApplications

Associate applications to wave.

Request Syntax

```
POST /AssociateApplications HTTP/1.1
Content-type: application/json

{
  "accountID": "string",
  "applicationIDs": [ "string" ],
  "waveID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

applicationIDs

Application IDs list.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 50 items.

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

Required: Yes

waveID

Wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: wave-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

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](#).

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

UninitializedAccountException

Uninitialized account 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](#)

AssociateSourceServers

Associate source servers to application.

Request Syntax

```
POST /AssociateSourceServers HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "applicationID": "string",
  "sourceServerIDs": [ "string" ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

applicationID

Application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

Required: Yes

sourceServerIDs

Source server IDs list.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 50 items.

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

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](#).

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

UninitializedAccountException

Uninitialized account 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](#)

ChangeServerLifecycleState

Allows the user to set the SourceServer.Lifecycle.state property for specific Source Server IDs to one of the following: READY_FOR_TEST or READY_FOR_CUTOVER. This command only works if the Source Server is already launchable (dataReplicationInfo.lagDuration is not null.)

Request Syntax

```
POST /ChangeServerLifecycleState HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "accountID": "string",
  "lifeCycle": {
    "state": "string"
  },
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

The request to change the source server migration account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

lifeCycle

The request to change the source server migration lifecycle state.

Type: [ChangeServerLifecycleStateSourceServerLifecycle](#) object

Required: Yes

[sourceServerID](#)

The request to change the source server migration lifecycle state by source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "applicationID": "string",
  "arn": "string",
  "connectorAction": {
    "connectorArn": "string",
    "credentialsSecretArn": "string"
  },
  "dataReplicationInfo": {
    "dataReplicationError": {
      "error": "string",
      "rawError": "string"
    },
    "dataReplicationInitiation": {
      "nextAttemptDateTime": "string",
      "startDateTime": "string",
      "steps": [
        {
          "name": "string",
          "status": "string"
        }
      ]
    }
  },
  "dataReplicationState": "string",
```

```
"etaDateTime": "string",
"lagDuration": "string",
"lastSnapshotDateTime": "string",
"replicatedDisks": [
  {
    "backloggedStorageBytes": number,
    "deviceName": "string",
    "replicatedStorageBytes": number,
    "rescannedStorageBytes": number,
    "totalStorageBytes": number
  }
],
"replicatorId": "string"
},
"fqdnForActionFramework": "string",
"isArchived": boolean,
"launchedInstance": {
  "ec2InstanceID": "string",
  "firstBoot": "string",
  "jobID": "string"
},
"lifeCycle": {
  "addedToServiceDateTime": "string",
  "elapsedReplicationDuration": "string",
  "firstByteDateTime": "string",
  "lastCutover": {
    "finalized": {
      "apiCallDateTime": "string"
    },
    "initiated": {
      "apiCallDateTime": "string",
      "jobID": "string"
    },
    "reverted": {
      "apiCallDateTime": "string"
    }
  },
  "lastSeenByServiceDateTime": "string",
  "lastTest": {
    "finalized": {
      "apiCallDateTime": "string"
    },
    "initiated": {
      "apiCallDateTime": "string",
```

```
    "jobID": "string"
  },
  "reverted": {
    "apiCallDateTime": "string"
  }
},
"state": "string"
},
"replicationType": "string",
"sourceProperties": {
  "cpus": [
    {
      "cores": number,
      "modelName": "string"
    }
  ],
  "disks": [
    {
      "bytes": number,
      "deviceName": "string"
    }
  ],
  "identificationHints": {
    "awsInstanceID": "string",
    "fqdn": "string",
    "hostname": "string",
    "vmPath": "string",
    "vmWareUuid": "string"
  },
  "lastUpdatedDateTime": "string",
  "networkInterfaces": [
    {
      "ips": [ "string" ],
      "isPrimary": boolean,
      "macAddress": "string"
    }
  ],
  "os": {
    "fullString": "string"
  },
  "ramBytes": number,
  "recommendedInstanceType": "string"
},
"sourceServerID": "string",
```

```
"tags": {  
  "string" : "string"  
},  
"userProvidedID": "string",  
"vcenterClientID": "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.

applicationID

Source server application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

arn

Source server ARN.

Type: String

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

connectorAction

Source Server connector action.

Type: [SourceServerConnectorAction](#) object

dataReplicationInfo

Source server data replication info.

Type: [DataReplicationInfo](#) object

fqdnForActionFramework

Source server fqdn for action framework.

Type: String

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

isArchived

Source server archived status.

Type: Boolean

launchedInstance

Source server launched instance.

Type: [LaunchedInstance](#) object

lifeCycle

Source server lifecycle state.

Type: [LifeCycle](#) object

replicationType

Source server replication type.

Type: String

Valid Values: AGENT_BASED | SNAPSHOT_SHIPPING

sourceProperties

Source server properties.

Type: [SourceProperties](#) object

sourceServerID

Source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

tags

Source server Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

userProvidedID

Source server user provided ID.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

vcenterClientID

Source server vCenter client id.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `vcc-[0-9a-zA-Z]{17}`

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

CreateApplication

Create application.

Request Syntax

```
POST /CreateApplication HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "description": "string",
  "name": "string",
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

description

Application description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[\x00]*`

Required: No

name

Application name.

Type: String

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

Pattern: `[\s\x00](*[\s\x00])*`

Required: Yes

tags

Application tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
  "applicationAggregatedStatus": {
    "healthStatus": "string",
    "lastUpdateDateTime": "string",
    "progressStatus": "string",
```

```
    "totalSourceServers": number
  },
  "applicationID": "string",
  "arn": "string",
  "creationDateTime": "string",
  "description": "string",
  "isArchived": boolean,
  "lastModifiedDateTime": "string",
  "name": "string",
  "tags": {
    "string" : "string"
  },
  "waveID": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

applicationAggregatedStatus

Application aggregated status.

Type: [ApplicationAggregatedStatus](#) object

applicationID

Application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

arn

Application ARN.

Type: String

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

creationDateTime

Application creation dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\[0-9\])?Z`

description

Application description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[\x00]*`

isArchived

Application archival status.

Type: Boolean

lastModifiedDateTime

Application last modified dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\[0-9\])?Z`

name

Application name.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

tags

Application tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

waveID

Application wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: `wave-[0-9a-zA-Z]{17}`

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

UninitializedAccountException

Uninitialized account 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](#)

CreateConnector

Create Connector.

Request Syntax

```
POST /CreateConnector HTTP/1.1
Content-type: application/json
```

```
{
  "name": "string",
  "ssmCommandConfig": {
    "cloudWatchLogGroupName": "string",
    "cloudWatchOutputEnabled": boolean,
    "outputS3BucketName": "string",
    "s3OutputEnabled": boolean
  },
  "ssmInstanceID": "string",
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

name

Create Connector request name.

Type: String

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

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

Required: Yes

ssmCommandConfig

Create Connector request SSM command config.

Type: [ConnectorSsmCommandConfig](#) object

Required: No

ssmInstanceID

Create Connector request SSM instance ID.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 20.

Pattern: `.*(^i-[0-9a-zA-Z]{17}$)|(^mi-[0-9a-zA-Z]{17}$).*`

Required: Yes

tags

Create Connector request tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
  "arn": "string",
  "connectorID": "string",
  "name": "string",
  "ssmCommandConfig": {
```

```
    "cloudWatchLogGroupName": "string",
    "cloudWatchOutputEnabled": boolean,
    "outputS3BucketName": "string",
    "s3OutputEnabled": boolean
  },
  "ssmInstanceID": "string",
  "tags": {
    "string" : "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

arn

Connector arn.

Type: String

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

connectorID

Connector ID.

Type: String

Length Constraints: Fixed length of 27.

Pattern: connector-[0-9a-zA-Z]{17}

name

Connector name.

Type: String

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

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

ssmCommandConfig

Connector SSM command config.

Type: [ConnectorSsmCommandConfig](#) object

ssmInstanceID

Connector SSM instance ID.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 20.

Pattern: `.*(^i-[0-9a-zA-Z]{17}$)|(^mi-[0-9a-zA-Z]{17}$).*`

tags

Connector tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Errors

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

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

CreateLaunchConfigurationTemplate

Creates a new Launch Configuration Template.

Request Syntax

```
POST /CreateLaunchConfigurationTemplate HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "associatePublicIpAddress": boolean,
  "bootMode": "string",
  "copyPrivateIp": boolean,
  "copyTags": boolean,
  "enableMapAutoTagging": boolean,
  "enableParametersEncryption": boolean,
  "largeVolumeConf": {
    "iops": number,
    "throughput": number,
    "volumeType": "string"
  },
  "launchDisposition": "string",
  "licensing": {
    "osByol": boolean
  },
  "mapAutoTaggingMpeID": "string",
  "parametersEncryptionKey": "string",
  "postLaunchActions": {
    "cloudWatchLogGroupName": "string",
    "deployment": "string",
    "s3LogBucket": "string",
    "s3OutputKeyPrefix": "string",
    "ssmDocuments": [
      {
        "actionName": "string",
        "externalParameters": {
          "string" : { ... }
        },
        "mustSucceedForCutover": boolean,
        "parameters": {
          "string" : [
            {
              "parameterName": "string",
```

```
        "parameterType": "string"
      }
    ]
  },
  "ssmDocumentName": "string",
  "timeoutSeconds": number
}
]
},
"smallVolumeConf": {
  "iops": number,
  "throughput": number,
  "volumeType": "string"
},
"smallVolumeMaxSize": number,
"tags": {
  "string" : "string"
},
"targetInstanceTypeRightSizingMethod": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

associatePublicIpAddress

Associate public Ip address.

Type: Boolean

Required: No

bootMode

Launch configuration template boot mode.

Type: String

Valid Values: LEGACY_BIOS | UEFI | USE_SOURCE

Required: No

copyPrivateIp

Copy private Ip.

Type: Boolean

Required: No

copyTags

Copy tags.

Type: Boolean

Required: No

enableMapAutoTagging

Enable map auto tagging.

Type: Boolean

Required: No

enableParametersEncryption

Enable parameters encryption.

Type: Boolean

Required: No

largeVolumeConf

Large volume config.

Type: [LaunchTemplateDiskConf](#) object

Required: No

launchDisposition

Launch disposition.

Type: String

Valid Values: STOPPED | STARTED

Required: No

licensing

Configure Licensing.

Type: [Licensing](#) object

Required: No

mapAutoTaggingMpeID

Launch configuration template map auto tagging MPE ID.

Type: String

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

Required: No

parametersEncryptionKey

Parameters encryption key.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 276.

Pattern: ((arn:[\w-]+:kms:([a-z]{2}-(gov-)?[a-z]+-\d{1})?:(\d{12})?:((alias|key)/[a-zA-Z0-9:/_-]{1,256}))|())

Required: No

postLaunchActions

Launch configuration template post launch actions.

Type: [PostLaunchActions](#) object

Required: No

smallVolumeConf

Small volume config.

Type: [LaunchTemplateDiskConf](#) object

Required: No

smallVolumeMaxSize

Small volume maximum size.

Type: Long

Valid Range: Minimum value of 0.

Required: No

tags

Request to associate tags during creation of a Launch Configuration Template.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

targetInstanceTypeRightSizingMethod

Target instance type right-sizing method.

Type: String

Valid Values: NONE | BASIC

Required: No

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
  "arn": "string",
  "associatePublicIpAddress": boolean,
  "bootMode": "string",
  "copyPrivateIp": boolean,
  "copyTags": boolean,
  "ec2LaunchTemplateID": "string",
```

```
"enableMapAutoTagging": boolean,
"enableParametersEncryption": boolean,
"largeVolumeConf": {
  "iops": number,
  "throughput": number,
  "volumeType": "string"
},
"launchConfigurationTemplateID": "string",
"launchDisposition": "string",
"licensing": {
  "osByol": boolean
},
"mapAutoTaggingMpeID": "string",
"parametersEncryptionKey": "string",
"postLaunchActions": {
  "cloudWatchLogGroupName": "string",
  "deployment": "string",
  "s3LogBucket": "string",
  "s3OutputKeyPrefix": "string",
  "ssmDocuments": [
    {
      "actionName": "string",
      "externalParameters": {
        "string" : { ... }
      },
      "mustSucceedForCutover": boolean,
      "parameters": {
        "string" : [
          {
            "parameterName": "string",
            "parameterType": "string"
          }
        ]
      },
      "ssmDocumentName": "string",
      "timeoutSeconds": number
    }
  ]
},
"smallVolumeConf": {
  "iops": number,
  "throughput": number,
  "volumeType": "string"
},
```

```
"smallVolumeMaxSize": number,
"tags": {
  "string" : "string"
},
"targetInstanceTypeRightSizingMethod": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

arn

ARN of the Launch Configuration Template.

Type: String

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

associatePublicIpAddress

Associate public Ip address.

Type: Boolean

bootMode

Launch configuration template boot mode.

Type: String

Valid Values: LEGACY_BIOS | UEFI | USE_SOURCE

copyPrivateIp

Copy private Ip.

Type: Boolean

copyTags

Copy tags.

Type: Boolean

ec2LaunchTemplateID

EC2 launch template ID.

Type: String

Length Constraints: Fixed length of 20.

Pattern: 1t-[0-9a-z]{17}

enableMapAutoTagging

Enable map auto tagging.

Type: Boolean

enableParametersEncryption

Enable parameters encryption.

Type: Boolean

largeVolumeConf

Large volume config.

Type: [LaunchTemplateDiskConf](#) object

launchConfigurationTemplateID

ID of the Launch Configuration Template.

Type: String

Length Constraints: Fixed length of 21.

Pattern: 1ct-[0-9a-zA-Z]{17}

launchDisposition

Launch disposition.

Type: String

Valid Values: STOPPED | STARTED

licensing

Configure Licensing.

Type: [Licensing](#) object

[**mapAutoTaggingMpeID**](#)

Launch configuration template map auto tagging MPE ID.

Type: String

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

[**parametersEncryptionKey**](#)

Parameters encryption key.

Type: String

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

[**postLaunchActions**](#)

Post Launch Actions of the Launch Configuration Template.

Type: [PostLaunchActions](#) object

[**smallVolumeConf**](#)

Small volume config.

Type: [LaunchTemplateDiskConf](#) object

[**smallVolumeMaxSize**](#)

Small volume maximum size.

Type: Long

Valid Range: Minimum value of 0.

[**tags**](#)

Tags of the Launch Configuration Template.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

targetInstanceTypeRightSizingMethod

Target instance type right-sizing method.

Type: String

Valid Values: NONE | BASIC

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

CreateNetworkMigrationDefinition

Creates a new network migration definition that specifies the source and target network configuration for a migration.

Request Syntax

POST /network-migration/CreateNetworkMigrationDefinition HTTP/1.1

Content-type: application/json

```
{
  "description": "string",
  "name": "string",
  "scopeTags": {
    "string" : "string"
  },
  "sourceConfigurations": [
    {
      "sourceEnvironment": "string",
      "sourceS3Configuration": {
        "s3Bucket": "string",
        "s3BucketOwner": "string",
        "s3Key": "string"
      }
    }
  ],
  "tags": {
    "string" : "string"
  },
  "targetDeployment": "string",
  "targetNetwork": {
    "inboundCidr": "string",
    "inspectionCidr": "string",
    "outboundCidr": "string",
    "topology": "string"
  },
  "targetS3Configuration": {
    "s3Bucket": "string",
    "s3BucketOwner": "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

description

A description of the network migration definition.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[^\x00]*`

Required: No

name

The name of the network migration definition.

Type: String

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

Pattern: `^[^s\x00](*[^s\x00])*`

Required: Yes

scopeTags

Scope tags for the network migration definition to control access and organization.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 40 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z0-9\s+\-=_:/@]*`

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

Value Pattern: `[a-zA-Z0-9\s+\-=. _:/@]*`

Required: No

sourceConfigurations

A list of source configurations for the network migration.

Type: Array of [SourceConfiguration](#) objects

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Required: No

tags

Tags to assign to the network migration definition.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

targetDeployment

The target deployment configuration for the migrated network.

Type: String

Valid Values: SINGLE_ACCOUNT | MULTI_ACCOUNT

Required: No

targetNetwork

The target network configuration including topology and CIDR ranges.

Type: [TargetNetwork](#) object

Required: Yes

targetS3Configuration

The S3 configuration for storing the target network artifacts.

Type: [TargetS3Configuration](#) object

Required: Yes

Response Syntax

HTTP/1.1 201

Content-type: application/json

```
{
  "arn": "string",
  "createdAt": number,
  "description": "string",
  "name": "string",
  "networkMigrationDefinitionID": "string",
  "scopeTags": {
    "string" : "string"
  },
  "sourceConfigurations": [
    {
      "sourceEnvironment": "string",
      "sourceS3Configuration": {
        "s3Bucket": "string",
        "s3BucketOwner": "string",
        "s3Key": "string"
      }
    }
  ],
  "tags": {
    "string" : "string"
  },
  "targetDeployment": "string",
  "targetNetwork": {
    "inboundCidr": "string",
    "inspectionCidr": "string",
    "outboundCidr": "string",
    "topology": "string"
  },
  "targetS3Configuration": {
```

```
"s3Bucket": "string",  
"s3BucketOwner": "string"  
},  
"updatedAt": number  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

arn

The Amazon Resource Name (ARN) of the network migration definition.

Type: String

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

createdAt

The timestamp when the network migration definition was created.

Type: Timestamp

description

A description of the network migration definition.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[\x00]*`

name

The name of the network migration definition.

Type: String

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

Pattern: `[\s\x00](*[\s\x00])*`

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

scopeTags

Scope tags for the network migration definition.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 40 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z0-9\s+\-=_./@]*

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

Value Pattern: [a-zA-Z0-9\s+\-=_./@]*

sourceConfigurations

A list of source configurations for the network migration.

Type: Array of [SourceConfiguration](#) objects

Array Members: Minimum number of 0 items. Maximum number of 2 items.

tags

Tags assigned to the network migration definition.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

targetDeployment

The target deployment configuration for the migrated network.

Type: String

Valid Values: SINGLE_ACCOUNT | MULTI_ACCOUNT

targetNetwork

The target network configuration including topology and CIDR ranges.

Type: [TargetNetwork](#) object

targetS3Configuration

The S3 configuration for storing the target network artifacts.

Type: [TargetS3Configuration](#) object

updatedAt

The timestamp when the network migration definition was last updated.

Type: Timestamp

Errors

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

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

CreateReplicationConfigurationTemplate

Creates a new ReplicationConfigurationTemplate.

Request Syntax

```
POST /CreateReplicationConfigurationTemplate HTTP/1.1
Content-type: application/json
```

```
{
  "associateDefaultSecurityGroup": boolean,
  "bandwidthThrottling": number,
  "createPublicIP": boolean,
  "dataPlaneRouting": "string",
  "defaultLargeStagingDiskType": "string",
  "ebsEncryption": "string",
  "ebsEncryptionKeyArn": "string",
  "internetProtocol": "string",
  "replicationServerInstanceType": "string",
  "replicationServersSecurityGroupsIDs": [ "string" ],
  "stagingAreaSubnetId": "string",
  "stagingAreaTags": {
    "string" : "string"
  },
  "storeSnapshotOnLocalZone": boolean,
  "tags": {
    "string" : "string"
  },
  "useDedicatedReplicationServer": boolean,
  "useFipsEndpoint": boolean
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

associateDefaultSecurityGroup

Request to associate the default Application Migration Service Security group with the Replication Settings template.

Type: Boolean

Required: Yes

bandwidthThrottling

Request to configure bandwidth throttling during Replication Settings template creation.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 10000.

Required: Yes

createPublicIP

Request to create Public IP during Replication Settings template creation.

Type: Boolean

Required: Yes

dataPlaneRouting

Request to configure data plane routing during Replication Settings template creation.

Type: String

Valid Values: PRIVATE_IP | PUBLIC_IP

Required: Yes

defaultLargeStagingDiskType

Request to configure the default large staging disk EBS volume type during Replication Settings template creation.

Type: String

Valid Values: GP2 | ST1 | GP3

Required: Yes

ebsEncryption

Request to configure EBS encryption during Replication Settings template creation.

Type: String

Valid Values: DEFAULT | CUSTOM

Required: Yes

ebsEncryptionKeyArn

Request to configure an EBS encryption key during Replication Settings template creation.

Type: String

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

Required: No

internetProtocol

Request to configure the internet protocol to IPv4 or IPv6.

Type: String

Valid Values: IPV4 | IPV6

Required: No

replicationServerInstanceType

Request to configure the Replication Server instance type during Replication Settings template creation.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Required: Yes

replicationServersSecurityGroupsIDs

Request to configure the Replication Server Security group ID during Replication Settings template creation.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 32 items.

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: sg-[0-9a-fA-F]{8,}

Required: Yes

stagingAreaSubnetId

Request to configure the Staging Area subnet ID during Replication Settings template creation.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: subnet-[0-9a-fA-F]{8,}

Required: Yes

stagingAreaTags

Request to configure Staging Area tags during Replication Settings template creation.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: Yes

storeSnapshotOnLocalZone

Request to store snapshot on local zone during Replication Settings template creation.

Type: Boolean

Required: No

tags

Request to configure tags during Replication Settings template creation.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

useDedicatedReplicationServer

Request to use Dedicated Replication Servers during Replication Settings template creation.

Type: Boolean

Required: Yes

useFipsEndpoint

Request to use Fips Endpoint during Replication Settings template creation.

Type: Boolean

Required: No

Response Syntax

```
HTTP/1.1 201
```

```
Content-type: application/json
```

```
{
  "arn": "string",
  "associateDefaultSecurityGroup": boolean,
  "bandwidthThrottling": number,
  "createPublicIP": boolean,
  "dataPlaneRouting": "string",
  "defaultLargeStagingDiskType": "string",
  "ebsEncryption": "string",
  "ebsEncryptionKeyArn": "string",
  "internetProtocol": "string",
  "replicationConfigurationTemplateID": "string",
  "replicationServerInstanceType": "string",
  "replicationServersSecurityGroupsIDs": [ "string" ],
  "stagingAreaSubnetId": "string",
  "stagingAreaTags": {
```

```
    "string" : "string"
  },
  "storeSnapshotOnLocalZone": boolean,
  "tags": {
    "string" : "string"
  },
  "useDedicatedReplicationServer": boolean,
  "useFipsEndpoint": boolean
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

arn

Replication Configuration template ARN.

Type: String

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

associateDefaultSecurityGroup

Replication Configuration template associate default Application Migration Service Security group.

Type: Boolean

bandwidthThrottling

Replication Configuration template bandwidth throttling.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 10000.

createPublicIP

Replication Configuration template create Public IP.

Type: Boolean

dataPlaneRouting

Replication Configuration template data plane routing.

Type: String

Valid Values: PRIVATE_IP | PUBLIC_IP

defaultLargeStagingDiskType

Replication Configuration template use default large Staging Disk type.

Type: String

Valid Values: GP2 | ST1 | GP3

ebsEncryption

Replication Configuration template EBS encryption.

Type: String

Valid Values: DEFAULT | CUSTOM

ebsEncryptionKeyArn

Replication Configuration template EBS encryption key ARN.

Type: String

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

internetProtocol

Replication Configuration template internet protocol.

Type: String

Valid Values: IPV4 | IPV6

replicationConfigurationTemplateID

Replication Configuration template ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: rct-[0-9a-zA-Z]{17}

replicationServerInstanceType

Replication Configuration template server instance type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

replicationServersSecurityGroupsIDs

Replication Configuration template server Security Groups IDs.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 32 items.

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: sg-[0-9a-fA-F]{8,}

stagingAreaSubnetId

Replication Configuration template Staging Area subnet ID.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: subnet-[0-9a-fA-F]{8,}

stagingAreaTags

Replication Configuration template Staging Area Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

storeSnapshotOnLocalZone

Replication Configuration template store snapshot on local zone.

Type: Boolean

tags

Replication Configuration template Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

useDedicatedReplicationServer

Replication Configuration template use Dedicated Replication Server.

Type: Boolean

useFipsEndpoint

Replication Configuration template use Fips Endpoint.

Type: Boolean

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

CreateWave

Create wave.

Request Syntax

```
POST /CreateWave HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "description": "string",
  "name": "string",
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

description

Wave description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[^\x00]*`

Required: No

name

Wave name.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

Required: Yes

tags

Wave tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
  "arn": "string",
  "creationDateTime": "string",
  "description": "string",
  "isArchived": boolean,
  "lastModifiedDateTime": "string",
```

```
"name": "string",
"tags": {
  "string" : "string"
},
"waveAggregatedStatus": {
  "healthStatus": "string",
  "lastUpdateDateTime": "string",
  "progressStatus": "string",
  "replicationStartedDateTime": "string",
  "totalApplications": number
},
"waveID": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

arn

Wave ARN.

Type: String

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

creationDateTime

Wave creation dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

description

Wave description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[^\x00]*`

isArchived

Wave archival status.

Type: Boolean

lastModifiedDateTime

Wave last modified dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|12[0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

name

Wave name.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

tags

Wave tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

waveAggregatedStatus

Wave aggregated status.

Type: [WaveAggregatedStatus](#) object

waveID

Wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: wave-[0-9a-zA-Z]{17}

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

UninitializedAccountException

Uninitialized account 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](#)

DeleteApplication

Delete application.

Request Syntax

```
POST /DeleteApplication HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "applicationID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12}.*`

Required: No

applicationID

Application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `app-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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](#)

DeleteConnector

Delete Connector.

Request Syntax

```
POST /DeleteConnector HTTP/1.1
Content-type: application/json
```

```
{
  "connectorID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

connectorID

Delete Connector request connector ID.

Type: String

Length Constraints: Fixed length of 27.

Pattern: connector-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

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

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

DeleteJob

Deletes a single Job by ID.

Request Syntax

```
POST /DeleteJob HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "jobID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Request to delete Job from service by Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

jobID

Request to delete Job from service by Job ID.

Type: String

Length Constraints: Fixed length of 24.

Pattern: `mgnjob-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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](#)

DeleteLaunchConfigurationTemplate

Deletes a single Launch Configuration Template by ID.

Request Syntax

```
POST /DeleteLaunchConfigurationTemplate HTTP/1.1
Content-type: application/json
```

```
{
  "launchConfigurationTemplateID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

launchConfigurationTemplateID

ID of resource to be deleted.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `lct-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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](#)

DeleteNetworkMigrationDefinition

Deletes a network migration definition. This operation removes the migration definition and all associated metadata.

Request Syntax

```
POST /network-migration/DeleteNetworkMigrationDefinition HTTP/1.1
Content-type: application/json

{
  "networkMigrationDefinitionID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

networkMigrationDefinitionID

The unique identifier of the network migration definition to delete.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

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](#)

DeleteReplicationConfigurationTemplate

Deletes a single Replication Configuration Template by ID

Request Syntax

```
POST /DeleteReplicationConfigurationTemplate HTTP/1.1
Content-type: application/json
```

```
{
  "replicationConfigurationTemplateID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

replicationConfigurationTemplateID

Request to delete Replication Configuration Template from service by Replication Configuration Template ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `rcT-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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](#)

DeleteSourceServer

Deletes a single source server by ID.

Request Syntax

```
POST /DeleteSourceServer HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Request to delete Source Server from service by Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

sourceServerID

Request to delete Source Server from service by Server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: `s-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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](#)

DeleteVcenterClient

Deletes a given vCenter client by ID.

Request Syntax

```
POST /DeleteVcenterClient HTTP/1.1
Content-type: application/json
```

```
{
  "vcenterClientID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

vcenterClientID

ID of resource to be deleted.

Type: String

Length Constraints: Fixed length of 21.

Pattern: vcc-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

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

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

DeleteWave

Delete wave.

Request Syntax

```
POST /DeleteWave HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "waveID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12}.*`

Required: No

waveID

Wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: `wave-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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](#)

DescribeJobLogItems

Retrieves detailed job log items with paging.

Request Syntax

```
POST /DescribeJobLogItems HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "jobID": "string",
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Request to describe Job log Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

jobID

Request to describe Job log job ID.

Type: String

Length Constraints: Fixed length of 24.

Pattern: mgnjob-[0-9a-zA-Z]{17}

Required: Yes

maxResults

Request to describe Job log item maximum results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

nextToken

Request to describe Job log next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "event": "string",
      "eventData": {
        "attemptCount": number,
        "conversionServerID": "string",
        "maxAttemptsCount": number,
        "rawError": "string",
        "sourceServerID": "string",
        "targetInstanceID": "string"
      },
      "logDateTime": "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.

items

Request to describe Job log response items.

Type: Array of [JobLog](#) objects

nextToken

Request to describe Job log response next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

DescribeJobs

Returns a list of Jobs. Use the JobsID and fromDate and toDate filters to limit which jobs are returned. The response is sorted by creationDateTime - latest date first. Jobs are normally created by the StartTest, StartCutover, and TerminateTargetInstances APIs. Jobs are also created by DiagnosticLaunch and TerminateDiagnosticInstances, which are APIs available only to *Support* and only used in response to relevant support tickets.

Request Syntax

```
POST /DescribeJobs HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "filters": {
    "fromDate": "string",
    "jobIDs": [ "string" ],
    "toDate": "string"
  },
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Request to describe job log items by Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

filters

Request to describe Job log filters.

Type: [DescribeJobsRequestFilters](#) object

Required: No

maxResults

Request to describe job log items by max results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

nextToken

Request to describe job log items by next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "arn": "string",
      "creationDateTime": "string",
      "endDateTime": "string",
      "initiatedBy": "string",
      "jobID": "string",
      "participatingServers": [
        {
          "launchedEc2InstanceID": "string",
```

```

    "launchStatus": "string",
    "postLaunchActionsStatus": {
      "postLaunchActionsLaunchStatusList": [
        {
          "executionID": "string",
          "executionStatus": "string",
          "failureReason": "string",
          "ssmDocument": {
            "actionName": "string",
            "externalParameters": {
              "string" : { ... }
            },
            "mustSucceedForCutover": boolean,
            "parameters": {
              "string" : [
                {
                  "parameterName": "string",
                  "parameterType": "string"
                }
              ]
            },
            "ssmDocumentName": "string",
            "timeoutSeconds": number
          },
          "ssmDocumentType": "string"
        }
      ],
      "ssmAgentDiscoveryDatetime": "string"
    },
    "sourceServerID": "string"
  }
],
"status": "string",
"tags": {
  "string" : "string"
},
"type": "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.

items

Request to describe Job log items.

Type: Array of [Job](#) objects

nextToken

Request to describe Job response by next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

DescribeLaunchConfigurationTemplates

Lists all Launch Configuration Templates, filtered by Launch Configuration Template IDs

Request Syntax

```
POST /DescribeLaunchConfigurationTemplates HTTP/1.1
Content-type: application/json
```

```
{
  "launchConfigurationTemplateIDs": [ "string" ],
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

launchConfigurationTemplateIDs

Request to filter Launch Configuration Templates list by Launch Configuration Template ID.

Type: Array of strings

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

Length Constraints: Fixed length of 21.

Pattern: `1ct-[0-9a-zA-Z]{17}`

Required: No

maxResults

Maximum results to be returned in DescribeLaunchConfigurationTemplates.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

nextToken

Next pagination token returned from DescribeLaunchConfigurationTemplates.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "arn": "string",
      "associatePublicIpAddress": boolean,
      "bootMode": "string",
      "copyPrivateIp": boolean,
      "copyTags": boolean,
      "ec2LaunchTemplateID": "string",
      "enableMapAutoTagging": boolean,
      "enableParametersEncryption": boolean,
      "largeVolumeConf": {
        "iops": number,
        "throughput": number,
        "volumeType": "string"
      },
      "launchConfigurationTemplateID": "string",
      "launchDisposition": "string",
      "licensing": {
        "osByol": boolean
      },
      "mapAutoTaggingMpeID": "string",
      "parametersEncryptionKey": "string",
      "postLaunchActions": {
        "cloudWatchLogGroupName": "string",
```

```
"deployment": "string",
"s3LogBucket": "string",
"s3OutputKeyPrefix": "string",
"ssmDocuments": [
  {
    "actionName": "string",
    "externalParameters": {
      "string" : { ... }
    },
    "mustSucceedForCutover": boolean,
    "parameters": {
      "string" : [
        {
          "parameterName": "string",
          "parameterType": "string"
        }
      ]
    },
    "ssmDocumentName": "string",
    "timeoutSeconds": number
  }
],
"smallVolumeConf": {
  "iops": number,
  "throughput": number,
  "volumeType": "string"
},
"smallVolumeMaxSize": number,
"tags": {
  "string" : "string"
},
"targetInstanceTypeRightSizingMethod": "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.

items

List of items returned by DescribeLaunchConfigurationTemplates.

Type: Array of [LaunchConfigurationTemplate](#) objects

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

nextToken

Next pagination token returned from DescribeLaunchConfigurationTemplates.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

DescribeReplicationConfigurationTemplates

Lists all ReplicationConfigurationTemplates, filtered by Source Server IDs.

Request Syntax

```
POST /DescribeReplicationConfigurationTemplates HTTP/1.1
Content-type: application/json

{
  "maxResults": number,
  "nextToken": "string",
  "replicationConfigurationTemplateIDs": [ "string" ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

maxResults

Request to describe Replication Configuration template by max results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

nextToken

Request to describe Replication Configuration template by next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

replicationConfigurationTemplateIDs

Request to describe Replication Configuration template by template IDs.

Type: Array of strings

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

Length Constraints: Fixed length of 21.

Pattern: rct-[0-9a-zA-Z]{17}

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "arn": "string",
      "associateDefaultSecurityGroup": boolean,
      "bandwidthThrottling": number,
      "createPublicIP": boolean,
      "dataPlaneRouting": "string",
      "defaultLargeStagingDiskType": "string",
      "ebsEncryption": "string",
      "ebsEncryptionKeyArn": "string",
      "internetProtocol": "string",
      "replicationConfigurationTemplateID": "string",
      "replicationServerInstanceType": "string",
      "replicationServersSecurityGroupsIDs": [ "string" ],
      "stagingAreaSubnetId": "string",
      "stagingAreaTags": {
        "string" : "string"
      },
      "storeSnapshotOnLocalZone": boolean,
      "tags": {
        "string" : "string"
      },
      "useDedicatedReplicationServer": boolean,
```

```
    "useFipsEndpoint": boolean
  }
],
"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.

items

Request to describe Replication Configuration template by items.

Type: Array of [ReplicationConfigurationTemplate](#) objects

nextToken

Request to describe Replication Configuration template by next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

DescribeSourceServers

Retrieves all SourceServers or multiple SourceServers by ID.

Request Syntax

```
POST /DescribeSourceServers HTTP/1.1
Content-type: application/json

{
  "accountID": "string",
  "filters": {
    "applicationIDs": [ "string" ],
    "isArchived": boolean,
    "lifeCycleStates": [ "string" ],
    "replicationTypes": [ "string" ],
    "sourceServerIDs": [ "string" ]
  },
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Request to filter Source Servers list by Accoun ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

filters

Request to filter Source Servers list.

Type: [DescribeSourceServersRequestFilters](#) object

Required: No

maxResults

Request to filter Source Servers list by maximum results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

nextToken

Request to filter Source Servers list by next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "applicationID": "string",
      "arn": "string",
      "connectorAction": {
        "connectorArn": "string",
        "credentialsSecretArn": "string"
      },
      "dataReplicationInfo": {
        "dataReplicationError": {
          "error": "string",
```

```
    "rawError": "string"
  },
  "dataReplicationInitiation": {
    "nextAttemptDateTime": "string",
    "startDateTime": "string",
    "steps": [
      {
        "name": "string",
        "status": "string"
      }
    ]
  },
  "dataReplicationState": "string",
  "etaDateTime": "string",
  "lagDuration": "string",
  "lastSnapshotDateTime": "string",
  "replicatedDisks": [
    {
      "backloggedStorageBytes": number,
      "deviceName": "string",
      "replicatedStorageBytes": number,
      "rescannedStorageBytes": number,
      "totalStorageBytes": number
    }
  ],
  "replicatorId": "string"
},
"fqdnForActionFramework": "string",
"isArchived": boolean,
"launchedInstance": {
  "ec2InstanceID": "string",
  "firstBoot": "string",
  "jobID": "string"
},
"lifeCycle": {
  "addedToServiceDateTime": "string",
  "elapsedReplicationDuration": "string",
  "firstByteDateTime": "string",
  "lastCutover": {
    "finalized": {
      "apiCallDateTime": "string"
    },
    "initiated": {
      "apiCallDateTime": "string",
```

```
    "jobID": "string"
  },
  "reverted": {
    "apiCallDateTime": "string"
  }
},
"lastSeenByServiceDateTime": "string",
"lastTest": {
  "finalized": {
    "apiCallDateTime": "string"
  },
  "initiated": {
    "apiCallDateTime": "string",
    "jobID": "string"
  },
  "reverted": {
    "apiCallDateTime": "string"
  }
},
"state": "string"
},
"replicationType": "string",
"sourceProperties": {
  "cpus": [
    {
      "cores": number,
      "modelName": "string"
    }
  ],
  "disks": [
    {
      "bytes": number,
      "deviceName": "string"
    }
  ],
  "identificationHints": {
    "awsInstanceID": "string",
    "fqdn": "string",
    "hostname": "string",
    "vmPath": "string",
    "vmWareUuid": "string"
  },
  "lastUpdatedDateTime": "string",
  "networkInterfaces": [
```

```
    {
      "ips": [ "string" ],
      "isPrimary": boolean,
      "macAddress": "string"
    }
  ],
  "os": {
    "fullString": "string"
  },
  "ramBytes": number,
  "recommendedInstanceType": "string"
},
"sourceServerID": "string",
"tags": {
  "string" : "string"
},
"userProvidedID": "string",
"vcenterClientID": "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.

items

Request to filter Source Servers list by item.

Type: Array of [SourceServer](#) objects

nextToken

Request to filter Source Servers next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

DescribeVcenterClients

Returns a list of the installed vCenter clients.

Request Syntax

```
GET /DescribeVcenterClients?maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

maxResults

Maximum results to be returned in DescribeVcenterClients.

Valid Range: Minimum value of 1. Maximum value of 1000.

nextToken

Next pagination token to be provided for DescribeVcenterClients.

Length Constraints: Minimum length of 0. Maximum length of 2048.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "arn": "string",
      "datacenterName": "string",
      "hostname": "string",
      "lastSeenDatetime": "string",
      "sourceServerTags": {
```

```
    "string" : "string"
  },
  "tags": {
    "string" : "string"
  },
  "vcenterClientID": "string",
  "vcenterUUID": "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.

items

List of items returned by DescribeVcenterClients.

Type: Array of [VcenterClient](#) objects

nextToken

Next pagination token returned from DescribeVcenterClients.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

DisassociateApplications

Disassociate applications from wave.

Request Syntax

```
POST /DisassociateApplications HTTP/1.1
Content-type: application/json

{
  "accountID": "string",
  "applicationIDs": [ "string" ],
  "waveID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

applicationIDs

Application IDs list.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 50 items.

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

Required: Yes

waveID

Wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: wave-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

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](#).

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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](#)

DisassociateSourceServers

Disassociate source servers from application.

Request Syntax

```
POST /DisassociateSourceServers HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "applicationID": "string",
  "sourceServerIDs": [ "string" ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

applicationID

Application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

Required: Yes

sourceServerIDs

Source server IDs list.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 50 items.

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

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](#).

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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](#)

DisconnectFromService

Disconnects specific Source Servers from Application Migration Service. Data replication is stopped immediately. All AWS resources created by Application Migration Service for enabling the replication of these source servers will be terminated / deleted within 90 minutes. Launched Test or Cutover instances will NOT be terminated. If the agent on the source server has not been prevented from communicating with the Application Migration Service service, then it will receive a command to uninstall itself (within approximately 10 minutes). The following properties of the SourceServer will be changed immediately: dataReplicationInfo.dataReplicationState will be set to DISCONNECTED; The totalStorageBytes property for each of dataReplicationInfo.replicatedDisks will be set to zero; dataReplicationInfo.lagDuration and dataReplicationInfo.lagDuration will be nullified.

Request Syntax

```
POST /DisconnectFromService HTTP/1.1
Content-type: application/json

{
  "accountID": "string",
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Request to disconnect Source Server from service by Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

sourceServerID

Request to disconnect Source Server from service by Server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "applicationID": "string",
  "arn": "string",
  "connectorAction": {
    "connectorArn": "string",
    "credentialsSecretArn": "string"
  },
  "dataReplicationInfo": {
    "dataReplicationError": {
      "error": "string",
      "rawError": "string"
    },
    "dataReplicationInitiation": {
      "nextAttemptDateTime": "string",
      "startDateTime": "string",
      "steps": [
        {
          "name": "string",
          "status": "string"
        }
      ]
    },
    "dataReplicationState": "string",
    "etaDateTime": "string",
    "lagDuration": "string",
```

```
"lastSnapshotDateTime": "string",
"replicatedDisks": [
  {
    "backloggedStorageBytes": number,
    "deviceName": "string",
    "replicatedStorageBytes": number,
    "rescannedStorageBytes": number,
    "totalStorageBytes": number
  }
],
"replicatorId": "string"
},
"fqdnForActionFramework": "string",
"isArchived": boolean,
"launchedInstance": {
  "ec2InstanceID": "string",
  "firstBoot": "string",
  "jobID": "string"
},
"lifeCycle": {
  "addedToServiceDateTime": "string",
  "elapsedReplicationDuration": "string",
  "firstByteDateTime": "string",
  "lastCutover": {
    "finalized": {
      "apiCallDateTime": "string"
    },
    "initiated": {
      "apiCallDateTime": "string",
      "jobID": "string"
    },
    "reverted": {
      "apiCallDateTime": "string"
    }
  }
},
"lastSeenByServiceDateTime": "string",
"lastTest": {
  "finalized": {
    "apiCallDateTime": "string"
  },
  "initiated": {
    "apiCallDateTime": "string",
    "jobID": "string"
  }
},
```

```
    "reverted": {
      "apiCallDateTime": "string"
    },
    "state": "string"
  },
  "replicationType": "string",
  "sourceProperties": {
    "cpus": [
      {
        "cores": number,
        "modelName": "string"
      }
    ],
    "disks": [
      {
        "bytes": number,
        "deviceName": "string"
      }
    ],
    "identificationHints": {
      "awsInstanceID": "string",
      "fqdn": "string",
      "hostname": "string",
      "vmPath": "string",
      "vmWareUuid": "string"
    },
    "lastUpdatedDateTime": "string",
    "networkInterfaces": [
      {
        "ips": [ "string" ],
        "isPrimary": boolean,
        "macAddress": "string"
      }
    ],
    "os": {
      "fullString": "string"
    },
    "ramBytes": number,
    "recommendedInstanceType": "string"
  },
  "sourceServerID": "string",
  "tags": {
    "string" : "string"
  }
}
```

```
  },  
  "userProvidedID": "string",  
  "vcenterClientID": "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.

applicationID

Source server application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

arn

Source server ARN.

Type: String

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

connectorAction

Source Server connector action.

Type: [SourceServerConnectorAction](#) object

dataReplicationInfo

Source server data replication info.

Type: [DataReplicationInfo](#) object

fqdnForActionFramework

Source server fqdn for action framework.

Type: String

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

isArchived

Source server archived status.

Type: Boolean

launchedInstance

Source server launched instance.

Type: [LaunchedInstance](#) object

lifeCycle

Source server lifecycle state.

Type: [LifeCycle](#) object

replicationType

Source server replication type.

Type: String

Valid Values: AGENT_BASED | SNAPSHOT_SHIPPING

sourceProperties

Source server properties.

Type: [SourceProperties](#) object

sourceServerID

Source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

tags

Source server Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

userProvidedID

Source server user provided ID.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

vcenterClientID

Source server vCenter client id.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `vcc-[0-9a-zA-Z]{17}`

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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](#)

FinalizeCutover

Finalizes the cutover immediately for specific Source Servers. All AWS resources created by Application Migration Service for enabling the replication of these source servers will be terminated / deleted within 90 minutes. Launched Test or Cutover instances will NOT be terminated. The AWS Replication Agent will receive a command to uninstall itself (within 10 minutes). The following properties of the SourceServer will be changed immediately: dataReplicationInfo.dataReplicationState will be changed to DISCONNECTED; The SourceServer.lifeCycle.state will be changed to CUTOVER; The totalStorageBytes property fo each of dataReplicationInfo.replicatedDisks will be set to zero; dataReplicationInfo.lagDuration and dataReplicationInfo.lagDuration will be nullified.

Request Syntax

```
POST /FinalizeCutover HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Request to finalize Cutover by Source Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

sourceServerID

Request to finalize Cutover by Source Server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json
```

```
{
  "applicationID": "string",
  "arn": "string",
  "connectorAction": {
    "connectorArn": "string",
    "credentialsSecretArn": "string"
  },
  "dataReplicationInfo": {
    "dataReplicationError": {
      "error": "string",
      "rawError": "string"
    },
    "dataReplicationInitiation": {
      "nextAttemptDateTime": "string",
      "startDateTime": "string",
      "steps": [
        {
          "name": "string",
          "status": "string"
        }
      ]
    }
  },
  "dataReplicationState": "string",
  "etaDateTime": "string",
  "lagDuration": "string",
  "lastSnapshotDateTime": "string",
}
```

```
"replicatedDisks": [  
  {  
    "backloggedStorageBytes": number,  
    "deviceName": "string",  
    "replicatedStorageBytes": number,  
    "rescannedStorageBytes": number,  
    "totalStorageBytes": number  
  }  
],  
"replicatorId": "string"  
},  
"fqnForActionFramework": "string",  
"isArchived": boolean,  
"launchedInstance": {  
  "ec2InstanceID": "string",  
  "firstBoot": "string",  
  "jobID": "string"  
},  
"lifeCycle": {  
  "addedToServiceDateTime": "string",  
  "elapsedReplicationDuration": "string",  
  "firstByteDateTime": "string",  
  "lastCutover": {  
    "finalized": {  
      "apiCallDateTime": "string"  
    },  
    "initiated": {  
      "apiCallDateTime": "string",  
      "jobID": "string"  
    },  
    "reverted": {  
      "apiCallDateTime": "string"  
    }  
  },  
  "lastSeenByServiceDateTime": "string",  
  "lastTest": {  
    "finalized": {  
      "apiCallDateTime": "string"  
    },  
    "initiated": {  
      "apiCallDateTime": "string",  
      "jobID": "string"  
    },  
    "reverted": {
```

```
    "apiCallDateTime": "string"
  }
},
"state": "string"
},
"replicationType": "string",
"sourceProperties": {
  "cpus": [
    {
      "cores": number,
      "modelName": "string"
    }
  ],
  "disks": [
    {
      "bytes": number,
      "deviceName": "string"
    }
  ],
  "identificationHints": {
    "awsInstanceID": "string",
    "fqdn": "string",
    "hostname": "string",
    "vmPath": "string",
    "vmWareUuid": "string"
  },
  "lastUpdatedDateTime": "string",
  "networkInterfaces": [
    {
      "ips": [ "string ],
      "isPrimary": boolean,
      "macAddress": "string"
    }
  ],
  "os": {
    "fullString": "string"
  },
  "ramBytes": number,
  "recommendedInstanceType": "string"
},
"sourceServerID": "string",
"tags": {
  "string": "string"
},
}
```

```
"userProvidedID": "string",  
"vcenterClientID": "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.

applicationID

Source server application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

arn

Source server ARN.

Type: String

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

connectorAction

Source Server connector action.

Type: [SourceServerConnectorAction](#) object

dataReplicationInfo

Source server data replication info.

Type: [DataReplicationInfo](#) object

fqdnForActionFramework

Source server fqdn for action framework.

Type: String

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

isArchived

Source server archived status.

Type: Boolean

launchedInstance

Source server launched instance.

Type: [LaunchedInstance](#) object

lifeCycle

Source server lifecycle state.

Type: [LifeCycle](#) object

replicationType

Source server replication type.

Type: String

Valid Values: AGENT_BASED | SNAPSHOT_SHIPPING

sourceProperties

Source server properties.

Type: [SourceProperties](#) object

sourceServerID

Source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

tags

Source server Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

userProvidedID

Source server user provided ID.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

vcenterClientID

Source server vCenter client id.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `vcc-[0-9a-zA-Z]{17}`

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

GetLaunchConfiguration

Lists all LaunchConfigurations available, filtered by Source Server IDs.

Request Syntax

```
POST /GetLaunchConfiguration HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Request to get Launch Configuration information by Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

sourceServerID

Request to get Launch Configuration information by Source Server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "bootMode": "string",
  "copyPrivateIp": boolean,
  "copyTags": boolean,
  "ec2LaunchTemplateID": "string",
  "enableMapAutoTagging": boolean,
  "launchDisposition": "string",
  "licensing": {
    "osByol": boolean
  },
  "mapAutoTaggingMpeID": "string",
  "name": "string",
  "postLaunchActions": {
    "cloudWatchLogGroupName": "string",
    "deployment": "string",
    "s3LogBucket": "string",
    "s3OutputKeyPrefix": "string",
    "ssmDocuments": [
      {
        "actionName": "string",
        "externalParameters": {
          "string": { ... }
        },
        "mustSucceedForCutover": boolean,
        "parameters": {
          "string": [
            {
              "parameterName": "string",
              "parameterType": "string"
            }
          ]
        }
      }
    ],
    "ssmDocumentName": "string",
    "timeoutSeconds": number
  }
}
```

```
    }  
  ]  
},  
"sourceServerID": "string",  
"targetInstanceTypeRightSizingMethod": "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.

bootMode

Launch configuration boot mode.

Type: String

Valid Values: LEGACY_BIOS | UEFI | USE_SOURCE

copyPrivateIp

Copy Private IP during Launch Configuration.

Type: Boolean

copyTags

Copy Tags during Launch Configuration.

Type: Boolean

ec2LaunchTemplateID

Launch configuration EC2 Launch template ID.

Type: String

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

enableMapAutoTagging

Enable map auto tagging.

Type: Boolean

launchDisposition

Launch disposition for launch configuration.

Type: String

Valid Values: STOPPED | STARTED

licensing

Launch configuration OS licensing.

Type: [Licensing](#) object

mapAutoTaggingMpeID

Map auto tagging MPE ID.

Type: String

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

name

Launch configuration name.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

postLaunchActions

Post Launch Actions to executed on the Test or Cutover instance.

Type: [PostLaunchActions](#) object

sourceServerID

Launch configuration Source Server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

targetInstanceTypeRightSizingMethod

Launch configuration Target instance type right sizing method.

Type: String

Valid Values: NONE | BASIC

Errors

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

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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](#)

GetNetworkMigrationDefinition

Retrieves the details of a network migration definition including source and target configurations.

Request Syntax

```
POST /network-migration/GetNetworkMigrationDefinition HTTP/1.1
Content-type: application/json
```

```
{
  "networkMigrationDefinitionID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[networkMigrationDefinitionID](#)

The unique identifier of the network migration definition to retrieve.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json
```

```
{
  "arn": "string",
```

```
"createdAt": number,
"description": "string",
"name": "string",
"networkMigrationDefinitionID": "string",
"scopeTags": {
  "string" : "string"
},
"sourceConfigurations": [
  {
    "sourceEnvironment": "string",
    "sourceS3Configuration": {
      "s3Bucket": "string",
      "s3BucketOwner": "string",
      "s3Key": "string"
    }
  }
],
"tags": {
  "string" : "string"
},
"targetDeployment": "string",
"targetNetwork": {
  "inboundCidr": "string",
  "inspectionCidr": "string",
  "outboundCidr": "string",
  "topology": "string"
},
"targetS3Configuration": {
  "s3Bucket": "string",
  "s3BucketOwner": "string"
},
"updatedAt": 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.

arn

The Amazon Resource Name (ARN) of the network migration definition.

Type: String

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

createdAt

The timestamp when the network migration definition was created.

Type: Timestamp

description

A description of the network migration definition.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[^\x00]*`

name

The name of the network migration definition.

Type: String

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

Pattern: `^[^s\x00](*[^s\x00])*`

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `nmd-[0-9a-zA-Z]{17}`

scopeTags

Scope tags for the network migration definition.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 40 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z0-9\s+\-\=._:/@]*

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

Value Pattern: [a-zA-Z0-9\s+\-\=._:/@]*

sourceConfigurations

A list of source configurations for the network migration.

Type: Array of [SourceConfiguration](#) objects

Array Members: Minimum number of 0 items. Maximum number of 2 items.

tags

Tags assigned to the network migration definition.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

targetDeployment

The target deployment configuration for the migrated network.

Type: String

Valid Values: SINGLE_ACCOUNT | MULTI_ACCOUNT

targetNetwork

The target network configuration including topology and CIDR ranges.

Type: [TargetNetwork](#) object

targetS3Configuration

The S3 configuration for storing the target network artifacts.

Type: [TargetS3Configuration](#) object

updatedAt

The timestamp when the network migration definition was last updated.

Type: Timestamp

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

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](#)

GetNetworkMigrationMapperSegmentConstruct

Retrieves detailed information about a specific construct within a mapper segment, including its properties and configuration data.

Request Syntax

```
POST /network-migration/GetNetworkMigrationMapperSegmentConstruct HTTP/1.1
Content-type: application/json
```

```
{
  "constructID": "string",
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "segmentID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

constructID

The unique identifier of the construct within the segment.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: Yes

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `nmd-[0-9a-zA-Z]{17}`

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: Yes

segmentID

The unique identifier of the mapper segment.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json
```

```
{
  "construct": {
    "constructID": "string",
    "constructType": "string",
    "createdAt": number,
    "description": "string",
    "logicalID": "string",
    "name": "string",
    "properties": {
```

```
    "string" : "string"  
  },  
  "updatedAt": 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.

construct

The construct metadata including type, name, and configuration.

Type: [NetworkMigrationMapperSegmentConstruct](#) object

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

GetReplicationConfiguration

Lists all ReplicationConfigurations, filtered by Source Server ID.

Request Syntax

```
POST /GetReplicationConfiguration HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[accountID](#)

Request to get Replication Configuration by Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

[sourceServerID](#)

Request to get Replication Configuration by Source Server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: `s-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "associateDefaultSecurityGroup": boolean,
  "bandwidthThrottling": number,
  "createPublicIP": boolean,
  "dataPlaneRouting": "string",
  "defaultLargeStagingDiskType": "string",
  "ebsEncryption": "string",
  "ebsEncryptionKeyArn": "string",
  "internetProtocol": "string",
  "name": "string",
  "replicatedDisks": [
    {
      "deviceName": "string",
      "iops": number,
      "isBootDisk": boolean,
      "stagingDiskType": "string",
      "throughput": number
    }
  ],
  "replicationServerInstanceType": "string",
  "replicationServersSecurityGroupsIDs": [ "string" ],
  "sourceServerID": "string",
  "stagingAreaSubnetId": "string",
  "stagingAreaTags": {
    "string" : "string"
  },
  "storeSnapshotOnLocalZone": boolean,
  "useDedicatedReplicationServer": boolean,
  "useFipsEndpoint": 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.

associateDefaultSecurityGroup

Replication Configuration associate default Application Migration Service Security Group.

Type: Boolean

bandwidthThrottling

Replication Configuration set bandwidth throttling.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 10000.

createPublicIP

Replication Configuration create Public IP.

Type: Boolean

dataPlaneRouting

Replication Configuration data plane routing.

Type: String

Valid Values: PRIVATE_IP | PUBLIC_IP

defaultLargeStagingDiskType

Replication Configuration use default large Staging Disks.

Type: String

Valid Values: GP2 | ST1 | GP3

ebsEncryption

Replication Configuration EBS encryption.

Type: String

Valid Values: DEFAULT | CUSTOM

ebsEncryptionKeyArn

Replication Configuration EBS encryption key ARN.

Type: String

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

internetProtocol

Replication Configuration internet protocol.

Type: String

Valid Values: IPV4 | IPV6

name

Replication Configuration name.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

replicatedDisks

Replication Configuration replicated disks.

Type: Array of [ReplicationConfigurationReplicatedDisk](#) objects

Array Members: Minimum number of 0 items. Maximum number of 60 items.

replicationServerInstanceType

Replication Configuration Replication Server instance type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

replicationServersSecurityGroupsIDs

Replication Configuration Replication Server Security Group IDs.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 32 items.

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: sg-[0-9a-fA-F]{8,}

sourceServerID

Replication Configuration Source Server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

stagingAreaSubnetId

Replication Configuration Staging Area subnet ID.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: subnet-[0-9a-fA-F]{8,}

stagingAreaTags

Replication Configuration Staging Area tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

storeSnapshotOnLocalZone

Replication Configuration store snapshot on local zone.

Type: Boolean

useDedicatedReplicationServer

Replication Configuration use Dedicated Replication Server.

Type: Boolean

useFipsEndpoint

Replication Configuration use Fips Endpoint.

Type: Boolean

Errors

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

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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](#)

InitializeService

Initialize Application Migration Service.

Request Syntax

```
POST /InitializeService HTTP/1.1
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListApplications

Retrieves all applications or multiple applications by ID.

Request Syntax

```
POST /ListApplications HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "filters": {
    "applicationIDs": [ "string" ],
    "isArchived": boolean,
    "waveIDs": [ "string" ]
  },
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Applications list Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

filters

Applications list filters.

Type: [ListApplicationsRequestFilters](#) object

Required: No

[maxResults](#)

Maximum results to return when listing applications.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

[nextToken](#)

Request next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "applicationAggregatedStatus": {
        "healthStatus": "string",
        "lastUpdateDateTime": "string",
        "progressStatus": "string",
        "totalSourceServers": number
      },
      "applicationID": "string",
      "arn": "string",
      "creationDateTime": "string",
      "description": "string",
      "isArchived": boolean,
      "lastModifiedDateTime": "string",
      "name": "string",
```

```
    "tags": {
      "string" : "string"
    },
    "waveID": "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.

items

Applications list.

Type: Array of [Application](#) objects

nextToken

Response next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

UninitializedAccountException

Uninitialized account 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](#)

ListConnectors

List Connectors.

Request Syntax

```
POST /ListConnectors HTTP/1.1
Content-type: application/json

{
  "filters": {
    "connectorIDs": [ "string" ]
  },
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

List Connectors Request filters.

Type: [ListConnectorsRequestFilters](#) object

Required: No

maxResults

List Connectors Request max results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

nextToken

List Connectors Request next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "arn": "string",
      "connectorID": "string",
      "name": "string",
      "ssmCommandConfig": {
        "cloudWatchLogGroupName": "string",
        "cloudWatchOutputEnabled": boolean,
        "outputS3BucketName": "string",
        "s3OutputEnabled": boolean
      },
      "ssmInstanceID": "string",
      "tags": {
        "string" : "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.

items

List connectors response items.

Type: Array of [Connector](#) objects

nextToken

List connectors response next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListExportErrors

List export errors.

Request Syntax

```
POST /ListExportErrors HTTP/1.1
Content-type: application/json
```

```
{
  "exportID": "string",
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

exportID

List export errors request export id.

Type: String

Length Constraints: Fixed length of 24.

Pattern: export-[0-9a-zA-Z]{17}

Required: Yes

maxResults

List export errors request max results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

nextToken

List export errors request next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "errorData": {
        "rawError": "string"
      },
      "errorDateTime": "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.

items

List export errors response items.

Type: Array of [ExportTaskError](#) objects

nextToken

List export errors response next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListExports

List exports.

Request Syntax

```
POST /ListExports HTTP/1.1
Content-type: application/json

{
  "filters": {
    "exportIDs": [ "string" ]
  },
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

List exports request filters.

Type: [ListExportsRequestFilters](#) object

Required: No

maxResults

List export request max results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

nextToken

List export request next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "arn": "string",
      "creationDateTime": "string",
      "endDateTime": "string",
      "exportID": "string",
      "progressPercentage": number,
      "s3Bucket": "string",
      "s3BucketOwner": "string",
      "s3Key": "string",
      "status": "string",
      "summary": {
        "applicationsCount": number,
        "serversCount": number,
        "wavesCount": number
      },
      "tags": {
        "string" : "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.

items

List export response items.

Type: Array of [ExportTask](#) objects

nextToken

List export response next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

UninitializedAccountException

Uninitialized account 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](#)

ListImportErrors

List import errors.

Request Syntax

```
POST /ListImportErrors HTTP/1.1
Content-type: application/json
```

```
{
  "importID": "string",
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

importID

List import errors request import id.

Type: String

Length Constraints: Fixed length of 24.

Pattern: import-[0-9a-zA-Z]{17}

Required: Yes

maxResults

List import errors request max results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

nextToken

List import errors request next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "errorData": {
        "accountID": "string",
        "applicationID": "string",
        "ec2LaunchTemplateID": "string",
        "rawError": "string",
        "rowNumber": number,
        "sourceServerID": "string",
        "waveID": "string"
      },
      "errorDateTime": "string",
      "errorType": "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.

items

List imports errors response items.

Type: Array of [ImportTaskError](#) objects

nextToken

List imports errors response next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListImportFileEnrichments

Lists import file enrichment jobs with optional filtering by job IDs.

Request Syntax

```
POST /network-migration/ListImportFileEnrichments HTTP/1.1
Content-type: application/json
```

```
{
  "filters": {
    "jobIDs": [ "string" ]
  },
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to apply when listing import file enrichment jobs.

Type: [ListImportFileEnrichmentsFilters](#) object

Required: No

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

nextToken

The token for the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "checksum": {
        "encryptionAlgorithm": "string",
        "hash": "string"
      },
      "createdAt": number,
      "endedAt": number,
      "jobID": "string",
      "s3BucketTarget": {
        "s3Bucket": "string",
        "s3BucketOwner": "string",
        "s3Key": "string"
      },
      "status": "string",
      "statusDetails": "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.

items

A list of import file enrichment jobs.

Type: Array of [ImportFileEnrichment](#) objects

nextToken

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListImports

List imports.

Request Syntax

```
POST /ListImports HTTP/1.1
Content-type: application/json

{
  "filters": {
    "importIDs": [ "string" ]
  },
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

List imports request filters.

Type: [ListImportsRequestFilters](#) object

Required: No

maxResults

List imports request max results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

nextToken

List imports request next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "arn": "string",
      "creationDateTime": "string",
      "endDateTime": "string",
      "importID": "string",
      "progressPercentage": number,
      "s3BucketSource": {
        "s3Bucket": "string",
        "s3BucketOwner": "string",
        "s3Key": "string"
      },
      "status": "string",
      "summary": {
        "applications": {
          "createdCount": number,
          "modifiedCount": number
        },
        "servers": {
          "createdCount": number,
          "modifiedCount": number
        },
        "waves": {
          "createdCount": number,
          "modifiedCount": number
        }
      }
    }
  ],
}
```

```
    "tags": {  
      "string" : "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.

items

List import response items.

Type: Array of [ImportTask](#) objects

nextToken

List import response next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListManagedAccounts

List Managed Accounts.

Request Syntax

```
POST /ListManagedAccounts HTTP/1.1
Content-type: application/json
```

```
{
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

maxResults

List managed accounts request max results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

nextToken

List managed accounts request next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "accountId": "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.

items

List managed accounts response items.

Type: Array of [ManagedAccount](#) objects

Array Members: Minimum number of 0 items. Maximum number of 1000 items.

nextToken

List managed accounts response next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListNetworkMigrationAnalyses

Lists network migration analysis jobs for a specified execution. Returns information about analysis job status and results.

Request Syntax

```
POST /network-migration/ListNetworkMigrationAnalyses HTTP/1.1
Content-type: application/json
```

```
{
  "filters": {
    "jobIDs": [ "string" ]
  },
  "maxResults": number,
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to apply when listing analysis jobs.

Type: [ListNetworkMigrationAnalysesFilters](#) object

Required: No

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution to list analyses for.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: Yes

nextToken

The token for the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
```

```
{
  "createdAt": number,
  "endedAt": number,
  "jobID": "string",
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "status": "string",
  "statusDetails": "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.

items

A list of network migration analysis job details.

Type: Array of [NetworkMigrationAnalysisJobDetails](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

nextToken

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListNetworkMigrationAnalysisResults

Lists the results of network migration analyses, showing connectivity and compatibility findings for migrated resources.

Request Syntax

```
POST /network-migration/ListNetworkMigrationAnalysisResults HTTP/1.1
Content-type: application/json
```

```
{
  "filters": {
    "vpcIDs": [ "string" ]
  },
  "maxResults": number,
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to apply when listing analysis results, such as VPC IDs.

Type: [ListNetworkMigrationAnalysisResultsFilters](#) object

Required: No

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: Yes

nextToken

The token for the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200  
Content-type: application/json
```

```
{
  "items": [
    {
      "analysisResult": "string",
      "analyzerType": "string",
      "jobID": "string",
      "networkMigrationDefinitionID": "string",
      "networkMigrationExecutionID": "string",
      "source": {
        "subnetID": "string",
        "vpcID": "string"
      },
      "status": "string",
      "target": {
        "subnetID": "string",
        "vpcID": "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.

items

A list of network migration analysis results.

Type: Array of [NetworkMigrationAnalysisResult](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

nextToken

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListNetworkMigrationCodeGenerations

Lists network migration code generation jobs, which convert network mappings into infrastructure-as-code templates.

Request Syntax

```
POST /network-migration/ListNetworkMigrationCodeGenerations HTTP/1.1
Content-type: application/json
```

```
{
  "filters": {
    "jobIDs": [ "string" ]
  },
  "maxResults": number,
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to apply when listing code generation jobs.

Type: [ListNetworkMigrationCodeGenerationsFilters](#) object

Required: No

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: Yes

nextToken

The token for the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "codeGenerationOutputFormatStatusDetailsMap": {
```

```
    "string" : {
      "status": "string",
      "statusDetailList": "string"
    }
  },
  "createdAt": number,
  "endedAt": number,
  "jobID": "string",
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "status": "string",
  "statusDetails": "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.

items

A list of network migration code generation job details.

Type: Array of [NetworkMigrationCodeGenerationJobDetails](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

nextToken

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListNetworkMigrationCodeGenerationSegments

Lists code generation segments, which represent individual infrastructure components generated as code templates.

Request Syntax

```
POST /network-migration/ListNetworkMigrationCodeGenerationSegments HTTP/1.1
Content-type: application/json
```

```
{
  "filters": {
    "segmentIDs": [ "string" ]
  },
  "maxResults": number,
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to apply when listing code generation segments.

Type: [ListNetworkMigrationCodeGenerationSegmentsFilters](#) object

Required: No

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: Yes

nextToken

The token for the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
```

```
{
  "artifacts": [
    {
      "artifactID": "string",
      "artifactSubType": "string",
      "artifactType": "string",
      "checksum": {
        "encryptionAlgorithm": "string",
        "hash": "string"
      },
      "createdAt": number,
      "logicalID": "string",
      "outputS3Configuration": {
        "s3Bucket": "string",
        "s3BucketOwner": "string",
        "s3Key": "string"
      }
    },
    {
      "createdAt": number,
      "jobID": "string",
      "logicalID": "string",
      "mapperSegmentID": "string",
      "networkMigrationDefinitionID": "string",
      "networkMigrationExecutionID": "string",
      "segmentID": "string",
      "segmentType": "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.

items

A list of network migration code generation segments.

Type: Array of [NetworkMigrationCodeGenerationSegment](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

nextToken

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListNetworkMigrationDefinitions

Lists all network migration definitions in the account, with optional filtering.

Request Syntax

```
POST /network-migration/ListNetworkMigrationDefinitions HTTP/1.1
Content-type: application/json
```

```
{
  "filters": {
    "networkMigrationDefinitionIDs": [ "string" ]
  },
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to apply when listing network migration definitions.

Type: [ListNetworkMigrationDefinitionsRequestFilters](#) object

Required: No

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

nextToken

The token for the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "arn": "string",
      "name": "string",
      "networkMigrationDefinitionID": "string",
      "scopeTags": {
        "string" : "string"
      },
      "sourceEnvironment": "string",
      "tags": {
        "string" : "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.

items

A list of network migration definition summaries.

Type: Array of [NetworkMigrationDefinitionSummary](#) objects

nextToken

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

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](#)

ListNetworkMigrationDeployedStacks

Lists CloudFormation stacks that have been deployed as part of the network migration.

Request Syntax

```
POST /network-migration/ListNetworkMigrationDeployedStacks HTTP/1.1
Content-type: application/json
```

```
{
  "maxResults": number,
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd- [0-9a-zA-Z]{17}

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: Yes

nextToken

The token for the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "failedResources": [
        {
          "logicalID": "string",
          "status": "string",
          "statusReason": "string"
        }
      ],
      "segmentID": "string",
      "stackLogicalID": "string",
      "stackPhysicalID": "string",
    }
  ]
}
```

```
    "status": "string",  
    "targetAccount": "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.

items

A list of deployed stack details including status and resources.

Type: Array of [NetworkMigrationDeployedStackDetails](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

nextToken

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListNetworkMigrationDeployments

Lists network migration deployment jobs and their current status.

Request Syntax

```
POST /network-migration/ListNetworkMigrationDeployments HTTP/1.1
Content-type: application/json
```

```
{
  "filters": {
    "jobIDs": [ "string" ]
  },
  "maxResults": number,
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to apply when listing deployment jobs.

Type: [ListNetworkMigrationDeployerJobFilters](#) object

Required: No

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: Yes

nextToken

The token for the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
```

```
    "createdAt": number,  
    "endedAt": number,  
    "jobID": "string",  
    "networkMigrationDefinitionID": "string",  
    "networkMigrationExecutionID": "string",  
    "status": "string",  
    "statusDetails": "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.

items

A list of deployer job details.

Type: Array of [NetworkMigrationDeployerJobDetails](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

nextToken

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListNetworkMigrationExecutions

Lists network migration execution instances for a given definition, showing the status and progress of each execution.

Request Syntax

```
POST /network-migration/ListNetworkMigrationExecutions HTTP/1.1
Content-type: application/json
```

```
{
  "filters": {
    "networkMigrationExecutionIDs": [ "string" ],
    "networkMigrationExecutionStatuses": [ "string" ]
  },
  "maxResults": number,
  "networkMigrationDefinitionID": "string",
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to apply when listing executions, such as status or execution ID.

Type: [ListNetworkMigrationExecutionRequestFilters](#) object

Required: No

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition to list executions for.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

nextToken

The token for the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "activity": "string",
      "createdAt": number,
      "networkMigrationDefinitionID": "string",
      "networkMigrationExecutionID": "string",
      "stage": "string",
      "status": "string",
      "tags": {
        "string" : "string"
      },
      "updatedAt": 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.

items

A list of network migration execution details.

Type: Array of [NetworkMigrationExecution](#) objects

nextToken

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

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](#)

ListNetworkMigrationMapperSegmentConstructs

Lists constructs within a mapper segment, representing individual infrastructure components like VPCs, subnets, or security groups.

Request Syntax

```
POST /network-migration/ListNetworkMigrationMapperSegmentConstructs HTTP/1.1
Content-type: application/json
```

```
{
  "filters": {
    "constructIDs": [ "string" ],
    "constructTypes": [ "string" ]
  },
  "maxResults": number,
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "nextToken": "string",
  "segmentID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to apply when listing constructs, such as construct type or ID.

Type: [ListNetworkMigrationMapperSegmentConstructsFilters](#) object

Required: No

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: Yes

nextToken

The token for the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

segmentID

The unique identifier of the segment to list constructs for.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "constructID": "string",
      "constructType": "string",
      "createdAt": number,
      "description": "string",
      "logicalID": "string",
      "name": "string",
      "properties": {
        "string" : "string"
      },
      "updatedAt": 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.

items

A list of mapper segment constructs.

Type: Array of [NetworkMigrationMapperSegmentConstruct](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

nextToken

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListNetworkMigrationMapperSegments

Lists mapper segments, which represent logical groupings of network resources to be migrated together.

Request Syntax

```
POST /network-migration/ListNetworkMigrationMapperSegments HTTP/1.1
Content-type: application/json
```

```
{
  "filters": {
    "segmentIDs": [ "string" ]
  },
  "maxResults": number,
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to apply when listing segments.

Type: [ListNetworkMigrationMapperSegmentsFilters](#) object

Required: No

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: Yes

nextToken

The token for the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json
```

```
{
  "items": [
    {
      "checksum": {
        "encryptionAlgorithm": "string",
        "hash": "string"
      },
      "createdAt": number,
      "description": "string",
      "jobID": "string",
      "logicalID": "string",
      "name": "string",
      "networkMigrationDefinitionID": "string",
      "networkMigrationExecutionID": "string",
      "outputS3Configuration": {
        "s3Bucket": "string",
        "s3BucketOwner": "string",
        "s3Key": "string"
      },
      "referencedSegments": [ "string" ],
      "scopeTags": {
        "string" : "string"
      },
      "segmentID": "string",
      "segmentType": "string",
      "targetAccount": "string",
      "updatedAt": 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.

items

A list of mapper segments.

Type: Array of [NetworkMigrationMapperSegment](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

nextToken

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListNetworkMigrationMappings

Lists network migration mapping jobs, which analyze and create relationships between source and target network resources.

Request Syntax

```
POST /network-migration/ListNetworkMigrationMappings HTTP/1.1
Content-type: application/json
```

```
{
  "filters": {
    "jobIDs": [ "string" ]
  },
  "maxResults": number,
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to apply when listing mapping jobs.

Type: [ListNetworkMigrationMappingsFilters](#) object

Required: No

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: Yes

nextToken

The token for the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
```

```
{
  "createdAt": number,
  "endedAt": number,
  "jobID": "string",
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "status": "string",
  "statusDetails": "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.

items

A list of network migration mapping job details.

Type: Array of [NetworkMigrationMappingJobDetails](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

nextToken

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListNetworkMigrationMappingUpdates

Lists mapping update jobs, which apply customer modifications to the generated network mappings.

Request Syntax

```
POST /network-migration/ListNetworkMigrationMappingUpdates HTTP/1.1
Content-type: application/json
```

```
{
  "filters": {
    "jobIDs": [ "string" ]
  },
  "maxResults": number,
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to apply when listing mapping update jobs.

Type: [ListNetworkMigrationMappingUpdatesFilters](#) object

Required: No

maxResults

The maximum number of results to return in a single call.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: Yes

nextToken

The token for the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
```

```
{
  "createdAt": number,
  "endedAt": number,
  "jobID": "string",
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "status": "string",
  "statusDetails": "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.

items

A list of mapping update job details.

Type: Array of [NetworkMigrationMappingUpdateJobDetails](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

nextToken

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListSourceServerActions

List source server post migration custom actions.

Request Syntax

```
POST /ListSourceServerActions HTTP/1.1
Content-type: application/json

{
  "accountID": "string",
  "filters": {
    "actionIDs": [ "string" ]
  },
  "maxResults": number,
  "nextToken": "string",
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID to return when listing source server post migration custom actions.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

filters

Filters to apply when listing source server post migration custom actions.

Type: [SourceServerActionsRequestFilters](#) object

Required: No

[maxResults](#)

Maximum amount of items to return when listing source server post migration custom actions.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

[nextToken](#)

Next token to use when listing source server post migration custom actions.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

[sourceServerID](#)

Source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "actionID": "string",
```

```
    "actionName": "string",
    "active": boolean,
    "category": "string",
    "description": "string",
    "documentIdentifier": "string",
    "documentVersion": "string",
    "externalParameters": {
      "string" : { ... }
    },
    "mustSucceedForCutover": boolean,
    "order": number,
    "parameters": {
      "string" : [
        {
          "parameterName": "string",
          "parameterType": "string"
        }
      ]
    },
    "timeoutSeconds": 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.

items

List of source server post migration custom actions.

Type: Array of [SourceServerActionDocument](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

nextToken

Next token returned when listing source server post migration custom actions.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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 for your Application Migration Service resources.

Request Syntax

```
GET /tags/resourceArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

List tags for resource request by ARN.

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

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "tags": {
    "string" : "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.

tags

List tags for resource response.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

InternalServerError

The server encountered an unexpected condition that prevented it from fulfilling the request.

retryAfterSeconds

The server encountered an unexpected condition that prevented it from fulfilling the request. The request will be retried again after x seconds.

HTTP Status Code: 500

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ListTemplateActions

List template post migration custom actions.

Request Syntax

```
POST /ListTemplateActions HTTP/1.1
Content-type: application/json

{
  "filters": {
    "actionIDs": [ "string" ]
  },
  "launchConfigurationTemplateID": "string",
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to apply when listing template post migration custom actions.

Type: [TemplateActionsRequestFilters](#) object

Required: No

launchConfigurationTemplateID

Launch configuration template ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `1ct-[0-9a-zA-Z]{17}`

Required: Yes

maxResults

Maximum amount of items to return when listing template post migration custom actions.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

nextToken

Next token to use when listing template post migration custom actions.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "actionID": "string",
      "actionName": "string",
      "active": boolean,
      "category": "string",
      "description": "string",
      "documentIdentifier": "string",
      "documentVersion": "string",
      "externalParameters": {
        "string" : { ... }
      },
      "mustSucceedForCutover": boolean,
      "operatingSystem": "string",
      "order": number,
      "parameters": {
```

```
    "string" : [
      {
        "parameterName": "string",
        "parameterType": "string"
      }
    ],
    "timeoutSeconds": 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.

items

List of template post migration custom actions.

Type: Array of [TemplateActionDocument](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

nextToken

Next token returned when listing template post migration custom actions.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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](#)

ListWaves

Retrieves all waves or multiple waves by ID.

Request Syntax

```
POST /ListWaves HTTP/1.1
Content-type: application/json

{
  "accountID": "string",
  "filters": {
    "isArchived": boolean,
    "waveIDs": [ "string" ]
  },
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Request account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

filters

Waves list filters.

Type: [ListWavesRequestFilters](#) object

Required: No

maxResults

Maximum results to return when listing waves.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 1000.

Required: No

nextToken

Request next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "items": [
    {
      "arn": "string",
      "creationDateTime": "string",
      "description": "string",
      "isArchived": boolean,
      "lastModifiedDateTime": "string",
      "name": "string",
      "tags": {
        "string" : "string"
      },
      "waveAggregatedStatus": {
        "healthStatus": "string",
        "lastUpdateDateTime": "string",
        "progressStatus": "string",
        "replicationStartedDateTime": "string",
```

```
        "totalApplications": number
      },
      "waveID": "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.

items

Waves list.

Type: Array of [Wave](#) objects

nextToken

Response next token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Errors

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

UninitializedAccountException

Uninitialized account 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](#)

MarkAsArchived

Archives specific Source Servers by setting the SourceServer.isArchived property to true for specified SourceServers by ID. This command only works for SourceServers with a lifecycle. state which equals DISCONNECTED or CUTOVER.

Request Syntax

```
POST /MarkAsArchived HTTP/1.1
Content-type: application/json

{
  "accountID": "string",
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Mark as archived by Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

sourceServerID

Mark as archived by Source Server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "applicationID": "string",
  "arn": "string",
  "connectorAction": {
    "connectorArn": "string",
    "credentialsSecretArn": "string"
  },
  "dataReplicationInfo": {
    "dataReplicationError": {
      "error": "string",
      "rawError": "string"
    },
    "dataReplicationInitiation": {
      "nextAttemptDateTime": "string",
      "startDateTime": "string",
      "steps": [
        {
          "name": "string",
          "status": "string"
        }
      ]
    },
    "dataReplicationState": "string",
    "etaDateTime": "string",
    "lagDuration": "string",
    "lastSnapshotDateTime": "string",
    "replicatedDisks": [
      {
        "backloggedStorageBytes": number,
        "deviceName": "string",
        "replicatedStorageBytes": number,
        "rescannedStorageBytes": number,
        "totalStorageBytes": number
      }
    ]
  }
}
```

```
    ],
    "replicatorId": "string"
  },
  "fqnForActionFramework": "string",
  "isArchived": boolean,
  "launchedInstance": {
    "ec2InstanceID": "string",
    "firstBoot": "string",
    "jobID": "string"
  },
  "lifeCycle": {
    "addedToServiceDateTime": "string",
    "elapsedReplicationDuration": "string",
    "firstByteDateTime": "string",
    "lastCutover": {
      "finalized": {
        "apiCallDateTime": "string"
      },
      "initiated": {
        "apiCallDateTime": "string",
        "jobID": "string"
      },
      "reverted": {
        "apiCallDateTime": "string"
      }
    },
    "lastSeenByServiceDateTime": "string",
    "lastTest": {
      "finalized": {
        "apiCallDateTime": "string"
      },
      "initiated": {
        "apiCallDateTime": "string",
        "jobID": "string"
      },
      "reverted": {
        "apiCallDateTime": "string"
      }
    },
    "state": "string"
  },
  "replicationType": "string",
  "sourceProperties": {
    "cpus": [
```

```
{
  {
    "cores": number,
    "modelName": "string"
  }
],
"disks": [
  {
    "bytes": number,
    "deviceName": "string"
  }
],
"identificationHints": {
  "awsInstanceID": "string",
  "fqdn": "string",
  "hostname": "string",
  "vmPath": "string",
  "vmWareUuid": "string"
},
"lastUpdatedDateTime": "string",
"networkInterfaces": [
  {
    "ips": [ "string" ],
    "isPrimary": boolean,
    "macAddress": "string"
  }
],
"os": {
  "fullString": "string"
},
"ramBytes": number,
"recommendedInstanceType": "string"
},
"sourceServerID": "string",
"tags": {
  "string" : "string"
},
"userProvidedID": "string",
"vcenterClientID": "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.

applicationID

Source server application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

arn

Source server ARN.

Type: String

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

connectorAction

Source Server connector action.

Type: [SourceServerConnectorAction](#) object

dataReplicationInfo

Source server data replication info.

Type: [DataReplicationInfo](#) object

fqdnForActionFramework

Source server fqdn for action framework.

Type: String

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

isArchived

Source server archived status.

Type: Boolean

launchedInstance

Source server launched instance.

Type: [LaunchedInstance](#) object

[lifeCycle](#)

Source server lifecycle state.

Type: [LifeCycle](#) object

[replicationType](#)

Source server replication type.

Type: String

Valid Values: AGENT_BASED | SNAPSHOT_SHIPPING

[sourceProperties](#)

Source server properties.

Type: [SourceProperties](#) object

[sourceServerID](#)

Source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

[tags](#)

Source server Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

[userProvidedID](#)

Source server user provided ID.

Type: String

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

Pattern: `[\s\x00](*[\s\x00])*`

vcenterClientID

Source server vCenter client id.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `vcc-[0-9a-zA-Z]{17}`

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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](#)

PauseReplication

Pause Replication.

Request Syntax

```
POST /PauseReplication HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Pause Replication Request account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12}.*`

Required: No

sourceServerID

Pause Replication Request source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: `s-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "applicationID": "string",
  "arn": "string",
  "connectorAction": {
    "connectorArn": "string",
    "credentialsSecretArn": "string"
  },
  "dataReplicationInfo": {
    "dataReplicationError": {
      "error": "string",
      "rawError": "string"
    },
    "dataReplicationInitiation": {
      "nextAttemptDateTime": "string",
      "startDateTime": "string",
      "steps": [
        {
          "name": "string",
          "status": "string"
        }
      ]
    },
    "dataReplicationState": "string",
    "etaDateTime": "string",
    "lagDuration": "string",
    "lastSnapshotDateTime": "string",
    "replicatedDisks": [
      {
        "backloggedStorageBytes": number,
        "deviceName": "string",
        "replicatedStorageBytes": number,
        "rescannedStorageBytes": number,
        "totalStorageBytes": number
      }
    ]
  },
  "replicatedDisks": [
    {
      "backloggedStorageBytes": number,
      "deviceName": "string",
      "replicatedStorageBytes": number,
      "rescannedStorageBytes": number,
      "totalStorageBytes": number
    }
  ]
}
```

```
  "replicatorId": "string"
},
"fqdnForActionFramework": "string",
"isArchived": boolean,
"launchedInstance": {
  "ec2InstanceID": "string",
  "firstBoot": "string",
  "jobID": "string"
},
"lifeCycle": {
  "addedToServiceDateTime": "string",
  "elapsedReplicationDuration": "string",
  "firstByteDateTime": "string",
  "lastCutover": {
    "finalized": {
      "apiCallDateTime": "string"
    },
    "initiated": {
      "apiCallDateTime": "string",
      "jobID": "string"
    },
    "reverted": {
      "apiCallDateTime": "string"
    }
  },
  "lastSeenByServiceDateTime": "string",
  "lastTest": {
    "finalized": {
      "apiCallDateTime": "string"
    },
    "initiated": {
      "apiCallDateTime": "string",
      "jobID": "string"
    },
    "reverted": {
      "apiCallDateTime": "string"
    }
  },
  "state": "string"
},
"replicationType": "string",
"sourceProperties": {
  "cpus": [
    {
```

```
    "cores": number,
    "modelName": "string"
  }
],
"disks": [
  {
    "bytes": number,
    "deviceName": "string"
  }
],
"identificationHints": {
  "awsInstanceID": "string",
  "fqdn": "string",
  "hostname": "string",
  "vmPath": "string",
  "vmWareUuid": "string"
},
"lastUpdatedDateTime": "string",
"networkInterfaces": [
  {
    "ips": [ "string" ],
    "isPrimary": boolean,
    "macAddress": "string"
  }
],
"os": {
  "fullString": "string"
},
"ramBytes": number,
"recommendedInstanceType": "string"
},
"sourceServerID": "string",
"tags": {
  "string" : "string"
},
"userProvidedID": "string",
"vcenterClientID": "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.

applicationID

Source server application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

arn

Source server ARN.

Type: String

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

connectorAction

Source Server connector action.

Type: [SourceServerConnectorAction](#) object

dataReplicationInfo

Source server data replication info.

Type: [DataReplicationInfo](#) object

fqdnForActionFramework

Source server fqdn for action framework.

Type: String

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

isArchived

Source server archived status.

Type: Boolean

launchedInstance

Source server launched instance.

Type: [LaunchedInstance](#) object

[lifeCycle](#)

Source server lifecycle state.

Type: [LifeCycle](#) object

[replicationType](#)

Source server replication type.

Type: String

Valid Values: AGENT_BASED | SNAPSHOT_SHIPPING

[sourceProperties](#)

Source server properties.

Type: [SourceProperties](#) object

[sourceServerID](#)

Source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

[tags](#)

Source server Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

[userProvidedID](#)

Source server user provided ID.

Type: String

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

Pattern: `[\s\x00](*[\s\x00])*`

vcenterClientID

Source server vCenter client id.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `vcc-[0-9a-zA-Z]{17}`

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

PutSourceServerAction

Put source server post migration custom action.

Request Syntax

```
POST /PutSourceServerAction HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "accountID": "string",
  "actionID": "string",
  "actionName": "string",
  "active": boolean,
  "category": "string",
  "description": "string",
  "documentIdentifier": "string",
  "documentVersion": "string",
  "externalParameters": {
    "string" : { ... }
  },
  "mustSucceedForCutover": boolean,
  "order": number,
  "parameters": {
    "string" : [
      {
        "parameterName": "string",
        "parameterType": "string"
      }
    ]
  },
  "sourceServerID": "string",
  "timeoutSeconds": number
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Source server post migration custom account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

actionID

Source server post migration custom action ID.

Type: String

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

Pattern: `.*[0-9a-zA-Z]`

Required: Yes

actionName

Source server post migration custom action name.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

Required: Yes

active

Source server post migration custom action active status.

Type: Boolean

Required: No

category

Source server post migration custom action category.

Type: String

Valid Values: DISASTER_RECOVERY | OPERATING_SYSTEM | LICENSE_AND_SUBSCRIPTION | VALIDATION | OBSERVABILITY | REFACTORING | SECURITY | NETWORKING | CONFIGURATION | BACKUP | OTHER

Required: No

description

Source server post migration custom action description.

Type: String

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

Pattern: [0-9a-zA-Z ():/.,' -_#*;]*

Required: No

documentIdentifier

Source server post migration custom action document identifier.

Type: String

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

Required: Yes

documentVersion

Source server post migration custom action document version.

Type: String

Pattern: (\\\$DEFAULT|\\\$LATEST|[0-9]+)

Required: No

externalParameters

Source server post migration custom action external parameters.

Type: String to [SsmExternalParameter](#) object map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 1011.

Key Pattern: ([A-Za-z0-9])+

Required: No

mustSucceedForCutover

Source server post migration custom action must succeed for cutover.

Type: Boolean

Required: No

order

Source server post migration custom action order.

Type: Integer

Valid Range: Minimum value of 1001. Maximum value of 10000.

Required: Yes

parameters

Source server post migration custom action parameters.

Type: String to array of [SsmParameterStoreParameter](#) objects map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 1011.

Key Pattern: ([A-Za-z0-9])+

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

sourceServerID

Source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

timeoutSeconds

Source server post migration custom action timeout in seconds.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "actionID": "string",
  "actionName": "string",
  "active": boolean,
  "category": "string",
  "description": "string",
  "documentIdentifier": "string",
  "documentVersion": "string",
  "externalParameters": {
    "string" : { ... }
  },
  "mustSucceedForCutover": boolean,
  "order": number,
  "parameters": {
    "string" : [
      {
        "parameterName": "string",
        "parameterType": "string"
      }
    ]
  }
}
```

```
  },  
  "timeoutSeconds": 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.

actionID

Source server post migration custom action ID.

Type: String

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

Pattern: `.*[0-9a-zA-Z]`

actionName

Source server post migration custom action name.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

active

Source server post migration custom action active status.

Type: Boolean

category

Source server post migration custom action category.

Type: String

Valid Values: DISASTER_RECOVERY | OPERATING_SYSTEM |
LICENSE_AND_SUBSCRIPTION | VALIDATION | OBSERVABILITY | REFACTORING |
SECURITY | NETWORKING | CONFIGURATION | BACKUP | OTHER

description

Source server post migration custom action description.

Type: String

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

Pattern: `[0-9a-zA-Z ():/.,' -_#*;]*`

documentIdentifier

Source server post migration custom action document identifier.

Type: String

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

documentVersion

Source server post migration custom action document version.

Type: String

Pattern: `(\\$DEFAULT|\\$LATEST|[0-9]+)`

externalParameters

Source server post migration custom action external parameters.

Type: String to [SsmExternalParameter](#) object map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 1011.

Key Pattern: `([A-Za-z0-9])+`

mustSucceedForCutover

Source server post migration custom action must succeed for cutover.

Type: Boolean

order

Source server post migration custom action order.

Type: Integer

Valid Range: Minimum value of 1001. Maximum value of 10000.

parameters

Source server post migration custom action parameters.

Type: String to array of [SsmParameterStoreParameter](#) objects map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 1011.

Key Pattern: ([A-Za-z0-9])+

Array Members: Minimum number of 0 items. Maximum number of 10 items.

timeoutSeconds

Source server post migration custom action timeout in seconds.

Type: Integer

Valid Range: Minimum value of 1.

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

PutTemplateAction

Put template post migration custom action.

Request Syntax

```
POST /PutTemplateAction HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "actionID": "string",
  "actionName": "string",
  "active": boolean,
  "category": "string",
  "description": "string",
  "documentIdentifier": "string",
  "documentVersion": "string",
  "externalParameters": {
    "string" : { ... }
  },
  "launchConfigurationTemplateID": "string",
  "mustSucceedForCutover": boolean,
  "operatingSystem": "string",
  "order": number,
  "parameters": [
    "string" : [
      {
        "parameterName": "string",
        "parameterType": "string"
      }
    ]
  ],
  "timeoutSeconds": number
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

actionID

Template post migration custom action ID.

Type: String

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

Pattern: `.*[0-9a-zA-Z]`

Required: Yes

actionName

Template post migration custom action name.

Type: String

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

Required: Yes

active

Template post migration custom action active status.

Type: Boolean

Required: No

category

Template post migration custom action category.

Type: String

Valid Values: DISASTER_RECOVERY | OPERATING_SYSTEM | LICENSE_AND_SUBSCRIPTION | VALIDATION | OBSERVABILITY | REFACTORING | SECURITY | NETWORKING | CONFIGURATION | BACKUP | OTHER

Required: No

description

Template post migration custom action description.

Type: String

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

Pattern: [0-9a-zA-Z ():/.,' -_#*;]*

Required: No

documentIdentifier

Template post migration custom action document identifier.

Type: String

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

Required: Yes

documentVersion

Template post migration custom action document version.

Type: String

Pattern: (\\$DEFAULT|\\$LATEST|[0-9]+)

Required: No

externalParameters

Template post migration custom action external parameters.

Type: String to [SsmExternalParameter](#) object map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 1011.

Key Pattern: ([A-Za-z0-9])+

Required: No

launchConfigurationTemplateID

Launch configuration template ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `1ct-[0-9a-zA-Z]{17}`

Required: Yes

mustSucceedForCutover

Template post migration custom action must succeed for cutover.

Type: Boolean

Required: No

operatingSystem

Operating system eligible for this template post migration custom action.

Type: String

Pattern: `(linux|windows)`

Required: No

order

Template post migration custom action order.

Type: Integer

Valid Range: Minimum value of 1001. Maximum value of 10000.

Required: Yes

parameters

Template post migration custom action parameters.

Type: String to array of [SsmParameterStoreParameter](#) objects map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 1011.

Key Pattern: ([A-Za-z0-9])+

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

timeoutSeconds

Template post migration custom action timeout in seconds.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json
```

```
{
  "actionID": "string",
  "actionName": "string",
  "active": boolean,
  "category": "string",
  "description": "string",
  "documentIdentifier": "string",
  "documentVersion": "string",
  "externalParameters": {
    "string" : { ... }
  },
  "mustSucceedForCutover": boolean,
  "operatingSystem": "string",
  "order": number,
  "parameters": {
    "string" : [
      {
        "parameterName": "string",
        "parameterType": "string"
      }
    ]
  },
}
```

```
"timeoutSeconds": 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.

[actionID](#)

Template post migration custom action ID.

Type: String

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

Pattern: `.*[0-9a-zA-Z]`

[actionName](#)

Template post migration custom action name.

Type: String

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

[active](#)

Template post migration custom action active status.

Type: Boolean

[category](#)

Template post migration custom action category.

Type: String

Valid Values: DISASTER_RECOVERY | OPERATING_SYSTEM |
LICENSE_AND_SUBSCRIPTION | VALIDATION | OBSERVABILITY | REFACTORING |
SECURITY | NETWORKING | CONFIGURATION | BACKUP | OTHER

[description](#)

Template post migration custom action description.

Type: String

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

Pattern: [0-9a-zA-Z ():/.,' -_#*;]*

documentIdentifier

Template post migration custom action document identifier.

Type: String

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

documentVersion

Template post migration custom action document version.

Type: String

Pattern: (\\$DEFAULT|\\$LATEST|[0-9]+)

externalParameters

Template post migration custom action external parameters.

Type: String to [SsmExternalParameter](#) object map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 1011.

Key Pattern: ([A-Za-z0-9])+

mustSucceedForCutover

Template post migration custom action must succeed for cutover.

Type: Boolean

operatingSystem

Operating system eligible for this template post migration custom action.

Type: String

Pattern: (linux|windows)

order

Template post migration custom action order.

Type: Integer

Valid Range: Minimum value of 1001. Maximum value of 10000.

parameters

Template post migration custom action parameters.

Type: String to array of [SsmParameterStoreParameter](#) objects map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 1011.

Key Pattern: ([A-Za-z0-9])+

Array Members: Minimum number of 0 items. Maximum number of 10 items.

timeoutSeconds

Template post migration custom action timeout in seconds.

Type: Integer

Valid Range: Minimum value of 1.

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

RemoveSourceServerAction

Remove source server post migration custom action.

Request Syntax

```
POST /RemoveSourceServerAction HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "actionID": "string",
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[accountID](#)

Source server post migration account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

[actionID](#)

Source server post migration custom action ID to remove.

Type: String

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

Pattern: `.*[0-9a-zA-Z]`

Required: Yes

sourceServerID

Source server ID of the post migration custom action to remove.

Type: String

Length Constraints: Fixed length of 19.

Pattern: `s-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

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

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

RemoveTemplateAction

Remove template post migration custom action.

Request Syntax

```
POST /RemoveTemplateAction HTTP/1.1
Content-type: application/json

{
  "actionID": "string",
  "launchConfigurationTemplateID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

actionID

Template post migration custom action ID to remove.

Type: String

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

Pattern: `.*[0-9a-zA-Z]`

Required: Yes

launchConfigurationTemplateID

Launch configuration template ID of the post migration custom action to remove.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `lct-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

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

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

ResumeReplication

Resume Replication.

Request Syntax

```
POST /ResumeReplication HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Resume Replication Request account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

sourceServerID

Resume Replication Request source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: `s-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "applicationID": "string",
  "arn": "string",
  "connectorAction": {
    "connectorArn": "string",
    "credentialsSecretArn": "string"
  },
  "dataReplicationInfo": {
    "dataReplicationError": {
      "error": "string",
      "rawError": "string"
    },
    "dataReplicationInitiation": {
      "nextAttemptDateTime": "string",
      "startDateTime": "string",
      "steps": [
        {
          "name": "string",
          "status": "string"
        }
      ]
    },
    "dataReplicationState": "string",
    "etaDateTime": "string",
    "lagDuration": "string",
    "lastSnapshotDateTime": "string",
    "replicatedDisks": [
      {
        "backloggedStorageBytes": number,
        "deviceName": "string",
        "replicatedStorageBytes": number,
        "rescannedStorageBytes": number,
        "totalStorageBytes": number
      }
    ]
  },
}
```

```
  "replicatorId": "string"
},
"fqdnForActionFramework": "string",
"isArchived": boolean,
"launchedInstance": {
  "ec2InstanceID": "string",
  "firstBoot": "string",
  "jobID": "string"
},
"lifeCycle": {
  "addedToServiceDateTime": "string",
  "elapsedReplicationDuration": "string",
  "firstByteDateTime": "string",
  "lastCutover": {
    "finalized": {
      "apiCallDateTime": "string"
    },
    "initiated": {
      "apiCallDateTime": "string",
      "jobID": "string"
    },
    "reverted": {
      "apiCallDateTime": "string"
    }
  },
  "lastSeenByServiceDateTime": "string",
  "lastTest": {
    "finalized": {
      "apiCallDateTime": "string"
    },
    "initiated": {
      "apiCallDateTime": "string",
      "jobID": "string"
    },
    "reverted": {
      "apiCallDateTime": "string"
    }
  },
  "state": "string"
},
"replicationType": "string",
"sourceProperties": {
  "cpus": [
    {
```

```
    "cores": number,
    "modelName": "string"
  }
],
"disks": [
  {
    "bytes": number,
    "deviceName": "string"
  }
],
"identificationHints": {
  "awsInstanceID": "string",
  "fqdn": "string",
  "hostname": "string",
  "vmPath": "string",
  "vmWareUuid": "string"
},
"lastUpdatedDateTime": "string",
"networkInterfaces": [
  {
    "ips": [ "string" ],
    "isPrimary": boolean,
    "macAddress": "string"
  }
],
"os": {
  "fullString": "string"
},
"ramBytes": number,
"recommendedInstanceType": "string"
},
"sourceServerID": "string",
"tags": {
  "string" : "string"
},
"userProvidedID": "string",
"vcenterClientID": "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.

applicationID

Source server application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

arn

Source server ARN.

Type: String

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

connectorAction

Source Server connector action.

Type: [SourceServerConnectorAction](#) object

dataReplicationInfo

Source server data replication info.

Type: [DataReplicationInfo](#) object

fqdnForActionFramework

Source server fqdn for action framework.

Type: String

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

isArchived

Source server archived status.

Type: Boolean

launchedInstance

Source server launched instance.

Type: [LaunchedInstance](#) object

[lifeCycle](#)

Source server lifecycle state.

Type: [LifeCycle](#) object

[replicationType](#)

Source server replication type.

Type: String

Valid Values: AGENT_BASED | SNAPSHOT_SHIPPING

[sourceProperties](#)

Source server properties.

Type: [SourceProperties](#) object

[sourceServerID](#)

Source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

[tags](#)

Source server Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

[userProvidedID](#)

Source server user provided ID.

Type: String

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

Pattern: `[\s\x00](*[\s\x00])*`

vcenterClientID

Source server vCenter client id.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `vcc-[0-9a-zA-Z]{17}`

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

RetryDataReplication

Causes the data replication initiation sequence to begin immediately upon next Handshake for specified SourceServer IDs, regardless of when the previous initiation started. This command will not work if the SourceServer is not stalled or is in a DISCONNECTED or STOPPED state.

Request Syntax

```
POST /RetryDataReplication HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Retry data replication for Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

sourceServerID

Retry data replication for Source Server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "applicationID": "string",
  "arn": "string",
  "connectorAction": {
    "connectorArn": "string",
    "credentialsSecretArn": "string"
  },
  "dataReplicationInfo": {
    "dataReplicationError": {
      "error": "string",
      "rawError": "string"
    },
    "dataReplicationInitiation": {
      "nextAttemptDateTime": "string",
      "startDateTime": "string",
      "steps": [
        {
          "name": "string",
          "status": "string"
        }
      ]
    },
    "dataReplicationState": "string",
    "etaDateTime": "string",
    "lagDuration": "string",
    "lastSnapshotDateTime": "string",
    "replicatedDisks": [
      {
        "backloggedStorageBytes": number,
        "deviceName": "string",
        "replicatedStorageBytes": number,
        "rescannedStorageBytes": number,
        "totalStorageBytes": number
      }
    ]
  }
}
```

```
    ],
    "replicatorId": "string"
  },
  "fqnForActionFramework": "string",
  "isArchived": boolean,
  "launchedInstance": {
    "ec2InstanceID": "string",
    "firstBoot": "string",
    "jobID": "string"
  },
  "lifeCycle": {
    "addedToServiceDateTime": "string",
    "elapsedReplicationDuration": "string",
    "firstByteDateTime": "string",
    "lastCutover": {
      "finalized": {
        "apiCallDateTime": "string"
      },
      "initiated": {
        "apiCallDateTime": "string",
        "jobID": "string"
      },
      "reverted": {
        "apiCallDateTime": "string"
      }
    },
    "lastSeenByServiceDateTime": "string",
    "lastTest": {
      "finalized": {
        "apiCallDateTime": "string"
      },
      "initiated": {
        "apiCallDateTime": "string",
        "jobID": "string"
      },
      "reverted": {
        "apiCallDateTime": "string"
      }
    },
    "state": "string"
  },
  "replicationType": "string",
  "sourceProperties": {
    "cpus": [
```

```
{
  {
    "cores": number,
    "modelName": "string"
  }
],
"disks": [
  {
    "bytes": number,
    "deviceName": "string"
  }
],
"identificationHints": {
  "awsInstanceID": "string",
  "fqdn": "string",
  "hostname": "string",
  "vmPath": "string",
  "vmWareUuid": "string"
},
"lastUpdatedDateTime": "string",
"networkInterfaces": [
  {
    "ips": [ "string" ],
    "isPrimary": boolean,
    "macAddress": "string"
  }
],
"os": {
  "fullString": "string"
},
"ramBytes": number,
"recommendedInstanceType": "string"
},
"sourceServerID": "string",
"tags": {
  "string" : "string"
},
"userProvidedID": "string",
"vcenterClientID": "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.

applicationID

Source server application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

arn

Source server ARN.

Type: String

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

connectorAction

Source Server connector action.

Type: [SourceServerConnectorAction](#) object

dataReplicationInfo

Source server data replication info.

Type: [DataReplicationInfo](#) object

fqdnForActionFramework

Source server fqdn for action framework.

Type: String

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

isArchived

Source server archived status.

Type: Boolean

launchedInstance

Source server launched instance.

Type: [LaunchedInstance](#) object

[lifeCycle](#)

Source server lifecycle state.

Type: [LifeCycle](#) object

[replicationType](#)

Source server replication type.

Type: String

Valid Values: AGENT_BASED | SNAPSHOT_SHIPPING

[sourceProperties](#)

Source server properties.

Type: [SourceProperties](#) object

[sourceServerID](#)

Source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

[tags](#)

Source server Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

[userProvidedID](#)

Source server user provided ID.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

vcenterClientID

Source server vCenter client id.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `vcc-[0-9a-zA-Z]{17}`

Errors

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

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

StartCutover

Launches a Cutover Instance for specific Source Servers. This command starts a LAUNCH job whose initiatedBy property is StartCutover and changes the SourceServer.lifeCycle.state property to CUTTING_OVER.

Request Syntax

```
POST /StartCutover HTTP/1.1
Content-type: application/json

{
  "accountID": "string",
  "sourceServerIDs": [ "string" ],
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Start Cutover by Account IDs

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

sourceServerIDs

Start Cutover by Source Server IDs.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

tags

Start Cutover by Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

Response Syntax

```
HTTP/1.1 202
Content-type: application/json

{
  "job": {
    "arn": "string",
    "creationDateTime": "string",
    "endDateTime": "string",
    "initiatedBy": "string",
    "jobID": "string",
    "participatingServers": [
      {
        "launchedEc2InstanceID": "string",
        "launchStatus": "string",
        "postLaunchActionsStatus": {
          "postLaunchActionsLaunchStatusList": [
            {
              "executionID": "string",
```

```

    "executionStatus": "string",
    "failureReason": "string",
    "ssmDocument": {
      "actionName": "string",
      "externalParameters": {
        "string" : { ... }
      },
      "mustSucceedForCutover": boolean,
      "parameters": {
        "string" : [
          {
            "parameterName": "string",
            "parameterType": "string"
          }
        ]
      },
      "ssmDocumentName": "string",
      "timeoutSeconds": number
    },
    "ssmDocumentType": "string"
  ],
  "ssmAgentDiscoveryDatetime": "string"
},
"sourceServerID": "string"
}
],
"status": "string",
"tags": {
  "string" : "string"
},
"type": "string"
}
}

```

Response Elements

If the action is successful, the service sends back an HTTP 202 response.

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

job

Start Cutover Job response.

Type: [Job](#) object

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

StartExport

Start export.

Request Syntax

```
POST /StartExport HTTP/1.1
Content-type: application/json
```

```
{
  "s3Bucket": "string",
  "s3BucketOwner": "string",
  "s3Key": "string",
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

s3Bucket

Start export request s3 bucket.

Type: String

Pattern: [a-zA-Z0-9.\-_{1,255}

Required: Yes

s3BucketOwner

Start export request s3 bucket owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

s3Key

Start export request s3key.

Type: String

Pattern: `[^\x00]{1,1020}\.csv`

Required: Yes

tags

Start import request tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

Response Syntax

```
HTTP/1.1 202
```

```
Content-type: application/json
```

```
{
  "exportTask": {
    "arn": "string",
    "creationDateTime": "string",
    "endDateTime": "string",
    "exportID": "string",
    "progressPercentage": number,
    "s3Bucket": "string",
    "s3BucketOwner": "string",
    "s3Key": "string",
```

```
"status": "string",
"summary": {
  "applicationsCount": number,
  "serversCount": number,
  "wavesCount": number
},
"tags": {
  "string" : "string"
}
}
```

Response Elements

If the action is successful, the service sends back an HTTP 202 response.

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

exportTask

Start export response export task.

Type: [ExportTask](#) object

Errors

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

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

StartImport

Start import.

Request Syntax

```
POST /StartImport HTTP/1.1
Content-type: application/json

{
  "clientToken": "string",
  "s3BucketSource": {
    "s3Bucket": "string",
    "s3BucketOwner": "string",
    "s3Key": "string"
  },
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

clientToken

Start import request client token.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 64.

Required: No

s3BucketSource

Start import request s3 bucket source.

Type: [S3BucketSource](#) object

Required: Yes

[tags](#)

Start import request tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

Response Syntax

```
HTTP/1.1 202
Content-type: application/json

{
  "importTask": {
    "arn": "string",
    "creationDateTime": "string",
    "endDateTime": "string",
    "importID": "string",
    "progressPercentage": number,
    "s3BucketSource": {
      "s3Bucket": "string",
      "s3BucketOwner": "string",
      "s3Key": "string"
    },
    "status": "string",
    "summary": {
      "applications": {
        "createdCount": number,
        "modifiedCount": number
      },
      "servers": {
        "createdCount": number,
        "modifiedCount": number
      }
    }
  }
}
```

```
    },
    "waves": {
      "createdCount": number,
      "modifiedCount": number
    }
  },
  "tags": {
    "string" : "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 202 response.

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

importTask

Start import response import task.

Type: [ImportTask](#) object

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

StartImportFileEnrichment

Starts an import file enrichment job to process and enrich network migration import files with additional metadata and IP assignment strategies.

Request Syntax

```
POST /network-migration/StartImportFileEnrichment HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "clientToken": "string",
  "ipAssignmentStrategy": "string",
  "s3BucketSource": {
    "s3Bucket": "string",
    "s3BucketOwner": "string",
    "s3Key": "string"
  },
  "s3BucketTarget": {
    "s3Bucket": "string",
    "s3BucketOwner": "string",
    "s3Key": "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 64.

Required: No

ipAssignmentStrategy

The IP assignment strategy to use when enriching the import file. Can be STATIC or DYNAMIC.

Type: String

Valid Values: STATIC | DYNAMIC

Required: No

s3BucketSource

The S3 configuration specifying the source location of the import file to be enriched.

Type: [EnrichmentSourceS3Configuration](#) object

Required: Yes

s3BucketTarget

The S3 configuration specifying the target location where the enriched import file will be stored.

Type: [EnrichmentTargetS3Configuration](#) object

Required: Yes

Response Syntax

```
HTTP/1.1 202
Content-type: application/json

{
  "jobID": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 202 response.

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

jobID

The unique identifier of the import file enrichment job that was started.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

StartNetworkMigrationAnalysis

Starts a network migration analysis job to evaluate connectivity and compatibility of the migration mappings.

Request Syntax

```
POST /network-migration/StartNetworkMigrationAnalysis HTTP/1.1
Content-type: application/json
```

```
{
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution to analyze.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: Yes

Response Syntax

```
HTTP/1.1 202
Content-type: application/json

{
  "jobID": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 202 response.

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

jobID

The unique identifier of the analysis job that was started.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

StartNetworkMigrationCodeGeneration

Starts a code generation job to convert network migration mappings into infrastructure-as-code templates.

Request Syntax

```
POST /network-migration/StartNetworkMigrationCodeGeneration HTTP/1.1
Content-type: application/json
```

```
{
  "codeGenerationOutputFormatTypes": [ "string" ],
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

codeGenerationOutputFormatTypes

The output format types for code generation, such as CloudFormation or Terraform.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Valid Values: CDK_L1 | CDK_L2 | TERRAFORM | LZA

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `nmd-[0-9a-zA-Z]{17}`

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: Yes

Response Syntax

```
HTTP/1.1 202
Content-type: application/json

{
  "jobID": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 202 response.

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

jobID

The unique identifier of the code generation job that was started.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

StartNetworkMigrationDeployment

Starts a deployment job to create the target network infrastructure based on the generated code templates.

Request Syntax

```
POST /network-migration/StartNetworkMigrationDeployment HTTP/1.1
Content-type: application/json

{
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: Yes

Response Syntax

```
HTTP/1.1 202
Content-type: application/json

{
  "jobID": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 202 response.

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

jobID

The unique identifier of the deployer job that was started.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

StartNetworkMigrationMapping

Starts the network migration mapping process for a given network migration execution.

Request Syntax

```
POST /network-migration/StartNetworkMigrationMapping HTTP/1.1
Content-type: application/json
```

```
{
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "securityGroupMappingStrategy": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: Yes

securityGroupMappingStrategy

The security group mapping strategy to use.

Type: String

Valid Values: MAP | SKIP

Required: No

Response Syntax

```
HTTP/1.1 202
Content-type: application/json

{
  "jobID": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 202 response.

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

jobID

The unique identifier of the mapping job that was started.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

StartNetworkMigrationMappingUpdate

Starts a job to apply customer modifications to network migration mappings, such as changing properties.

Request Syntax

```
POST /network-migration/StartNetworkMigrationMappingUpdate HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "constructs": [
    {
      "constructID": "string",
      "constructType": "string",
      "operation": { ... },
      "segmentID": "string"
    }
  ],
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "segments": [
    {
      "scopeTags": {
        "string": "string"
      },
      "segmentID": "string",
      "targetAccount": "string"
    }
  ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

constructs

A list of construct updates to apply.

Type: Array of [StartNetworkMigrationMappingUpdateConstruct](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: Yes

segments

A list of segment updates to apply.

Type: Array of [StartNetworkMigrationMappingUpdateSegment](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Required: No

Response Syntax

```
HTTP/1.1 202
Content-type: application/json

{
  "jobID": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 202 response.

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

jobID

The unique identifier of the mapping update job that was started.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

StartReplication

Start replication for source server irrespective of its replication type.

Request Syntax

```
POST /StartReplication HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID on which to start replication.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

sourceServerID

ID of source server on which to start replication.

Type: String

Length Constraints: Fixed length of 19.

Pattern: `s-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "applicationID": "string",
  "arn": "string",
  "connectorAction": {
    "connectorArn": "string",
    "credentialsSecretArn": "string"
  },
  "dataReplicationInfo": {
    "dataReplicationError": {
      "error": "string",
      "rawError": "string"
    },
    "dataReplicationInitiation": {
      "nextAttemptDateTime": "string",
      "startDateTime": "string",
      "steps": [
        {
          "name": "string",
          "status": "string"
        }
      ]
    },
    "dataReplicationState": "string",
    "etaDateTime": "string",
    "lagDuration": "string",
    "lastSnapshotDateTime": "string",
    "replicatedDisks": [
      {
        "backloggedStorageBytes": number,
        "deviceName": "string",
        "replicatedStorageBytes": number,
        "rescannedStorageBytes": number,
        "totalStorageBytes": number
      }
    ]
  },
}
```

```
    "replicatorId": "string"
  },
  "fqdnForActionFramework": "string",
  "isArchived": boolean,
  "launchedInstance": {
    "ec2InstanceID": "string",
    "firstBoot": "string",
    "jobID": "string"
  },
  "lifeCycle": {
    "addedToServiceDateTime": "string",
    "elapsedReplicationDuration": "string",
    "firstByteDateTime": "string",
    "lastCutover": {
      "finalized": {
        "apiCallDateTime": "string"
      },
      "initiated": {
        "apiCallDateTime": "string",
        "jobID": "string"
      },
      "reverted": {
        "apiCallDateTime": "string"
      }
    },
    "lastSeenByServiceDateTime": "string",
    "lastTest": {
      "finalized": {
        "apiCallDateTime": "string"
      },
      "initiated": {
        "apiCallDateTime": "string",
        "jobID": "string"
      },
      "reverted": {
        "apiCallDateTime": "string"
      }
    },
    "state": "string"
  },
  "replicationType": "string",
  "sourceProperties": {
    "cpus": [
      {
```

```
    "cores": number,
    "modelName": "string"
  }
],
"disks": [
  {
    "bytes": number,
    "deviceName": "string"
  }
],
"identificationHints": {
  "awsInstanceID": "string",
  "fqdn": "string",
  "hostname": "string",
  "vmPath": "string",
  "vmWareUuid": "string"
},
"lastUpdatedDateTime": "string",
"networkInterfaces": [
  {
    "ips": [ "string" ],
    "isPrimary": boolean,
    "macAddress": "string"
  }
],
"os": {
  "fullString": "string"
},
"ramBytes": number,
"recommendedInstanceType": "string"
},
"sourceServerID": "string",
"tags": {
  "string" : "string"
},
"userProvidedID": "string",
"vcenterClientID": "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.

applicationID

Source server application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

arn

Source server ARN.

Type: String

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

connectorAction

Source Server connector action.

Type: [SourceServerConnectorAction](#) object

dataReplicationInfo

Source server data replication info.

Type: [DataReplicationInfo](#) object

fqdnForActionFramework

Source server fqdn for action framework.

Type: String

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

isArchived

Source server archived status.

Type: Boolean

launchedInstance

Source server launched instance.

Type: [LaunchedInstance](#) object

[lifeCycle](#)

Source server lifecycle state.

Type: [LifeCycle](#) object

[replicationType](#)

Source server replication type.

Type: String

Valid Values: AGENT_BASED | SNAPSHOT_SHIPPING

[sourceProperties](#)

Source server properties.

Type: [SourceProperties](#) object

[sourceServerID](#)

Source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

[tags](#)

Source server Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

[userProvidedID](#)

Source server user provided ID.

Type: String

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

Pattern: `[\s\x00](*[\s\x00])*`

vcenterClientID

Source server vCenter client id.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `vcc-[0-9a-zA-Z]{17}`

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

StartTest

Launches a Test Instance for specific Source Servers. This command starts a LAUNCH job whose initiatedBy property is StartTest and changes the SourceServer.lifeCycle.state property to TESTING.

Request Syntax

```
POST /StartTest HTTP/1.1
Content-type: application/json

{
  "accountID": "string",
  "sourceServerIDs": [ "string" ],
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Start Test for Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

sourceServerIDs

Start Test for Source Server IDs.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

tags

Start Test by Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

Response Syntax

```
HTTP/1.1 202
```

```
Content-type: application/json
```

```
{
  "job": {
    "arn": "string",
    "creationDateTime": "string",
    "endDateTime": "string",
    "initiatedBy": "string",
    "jobID": "string",
    "participatingServers": [
      {
        "launchedEc2InstanceID": "string",
        "launchStatus": "string",
        "postLaunchActionsStatus": {
          "postLaunchActionsLaunchStatusList": [
            {
              "executionID": "string",
              "executionStatus": "string",
              "failureReason": "string",
```

```
    "ssmDocument": {
      "actionName": "string",
      "externalParameters": {
        "string" : { ... }
      },
      "mustSucceedForCutover": boolean,
      "parameters": {
        "string" : [
          {
            "parameterName": "string",
            "parameterType": "string"
          }
        ]
      },
      "ssmDocumentName": "string",
      "timeoutSeconds": number
    },
    "ssmDocumentType": "string"
  ],
  "ssmAgentDiscoveryDatetime": "string"
},
"sourceServerID": "string"
}
],
"status": "string",
"tags": {
  "string" : "string"
},
"type": "string"
}
}
```

Response Elements

If the action is successful, the service sends back an HTTP 202 response.

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

job

Start Test Job response.

Type: Job object

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

StopReplication

Stop Replication.

Request Syntax

```
POST /StopReplication HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Stop Replication Request account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

sourceServerID

Stop Replication Request source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: `s-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "applicationID": "string",
  "arn": "string",
  "connectorAction": {
    "connectorArn": "string",
    "credentialsSecretArn": "string"
  },
  "dataReplicationInfo": {
    "dataReplicationError": {
      "error": "string",
      "rawError": "string"
    },
    "dataReplicationInitiation": {
      "nextAttemptDateTime": "string",
      "startDateTime": "string",
      "steps": [
        {
          "name": "string",
          "status": "string"
        }
      ]
    },
    "dataReplicationState": "string",
    "etaDateTime": "string",
    "lagDuration": "string",
    "lastSnapshotDateTime": "string",
    "replicatedDisks": [
      {
        "backloggedStorageBytes": number,
        "deviceName": "string",
        "replicatedStorageBytes": number,
        "rescannedStorageBytes": number,
        "totalStorageBytes": number
      }
    ]
  },
  "replicatedDisks": [
    {
      "backloggedStorageBytes": number,
      "deviceName": "string",
      "replicatedStorageBytes": number,
      "rescannedStorageBytes": number,
      "totalStorageBytes": number
    }
  ]
}
```

```
  "replicatorId": "string"
},
"fqdnForActionFramework": "string",
"isArchived": boolean,
"launchedInstance": {
  "ec2InstanceID": "string",
  "firstBoot": "string",
  "jobID": "string"
},
"lifeCycle": {
  "addedToServiceDateTime": "string",
  "elapsedReplicationDuration": "string",
  "firstByteDateTime": "string",
  "lastCutover": {
    "finalized": {
      "apiCallDateTime": "string"
    },
    "initiated": {
      "apiCallDateTime": "string",
      "jobID": "string"
    },
    "reverted": {
      "apiCallDateTime": "string"
    }
  },
  "lastSeenByServiceDateTime": "string",
  "lastTest": {
    "finalized": {
      "apiCallDateTime": "string"
    },
    "initiated": {
      "apiCallDateTime": "string",
      "jobID": "string"
    },
    "reverted": {
      "apiCallDateTime": "string"
    }
  },
  "state": "string"
},
"replicationType": "string",
"sourceProperties": {
  "cpus": [
    {
```

```
    "cores": number,
    "modelName": "string"
  }
],
"disks": [
  {
    "bytes": number,
    "deviceName": "string"
  }
],
"identificationHints": {
  "awsInstanceID": "string",
  "fqdn": "string",
  "hostname": "string",
  "vmPath": "string",
  "vmWareUuid": "string"
},
"lastUpdatedDateTime": "string",
"networkInterfaces": [
  {
    "ips": [ "string" ],
    "isPrimary": boolean,
    "macAddress": "string"
  }
],
"os": {
  "fullString": "string"
},
"ramBytes": number,
"recommendedInstanceType": "string"
},
"sourceServerID": "string",
"tags": {
  "string" : "string"
},
"userProvidedID": "string",
"vcenterClientID": "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.

applicationID

Source server application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

arn

Source server ARN.

Type: String

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

connectorAction

Source Server connector action.

Type: [SourceServerConnectorAction](#) object

dataReplicationInfo

Source server data replication info.

Type: [DataReplicationInfo](#) object

fqdnForActionFramework

Source server fqdn for action framework.

Type: String

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

isArchived

Source server archived status.

Type: Boolean

launchedInstance

Source server launched instance.

Type: [LaunchedInstance](#) object

[lifeCycle](#)

Source server lifecycle state.

Type: [LifeCycle](#) object

[replicationType](#)

Source server replication type.

Type: String

Valid Values: AGENT_BASED | SNAPSHOT_SHIPPING

[sourceProperties](#)

Source server properties.

Type: [SourceProperties](#) object

[sourceServerID](#)

Source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

[tags](#)

Source server Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

[userProvidedID](#)

Source server user provided ID.

Type: String

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

Pattern: `[\s\x00](*[\s\x00])*`

vcenterClientID

Source server vCenter client id.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `vcc-[0-9a-zA-Z]{17}`

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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 Application Migration Service resource or resources. When you specify an existing tag key, the value is overwritten with the new value. Each resource can have a maximum of 50 tags. Each tag consists of a key and optional value.

Request Syntax

```
POST /tags/resourceArn HTTP/1.1
Content-type: application/json

{
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

Tag resource by ARN.

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

Required: Yes

Request Body

The request accepts the following data in JSON format.

tags

Tag resource by Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

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

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

InternalServerError

The server encountered an unexpected condition that prevented it from fulfilling the request.

retryAfterSeconds

The server encountered an unexpected condition that prevented it from fulfilling the request. The request will be retried again after x seconds.

HTTP Status Code: 500

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

TerminateTargetInstances

Starts a job that terminates specific launched EC2 Test and Cutover instances. This command will not work for any Source Server with a lifecycle.state of TESTING, CUTTING_OVER, or CUTOVER.

Request Syntax

```
POST /TerminateTargetInstances HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "sourceServerIDs": [ "string" ],
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Terminate Target instance by Account ID

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

sourceServerIDs

Terminate Target instance by Source Server IDs.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

tags

Terminate Target instance by Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

Response Syntax

```
HTTP/1.1 202
Content-type: application/json

{
  "job": {
    "arn": "string",
    "creationDateTime": "string",
    "endDateTime": "string",
    "initiatedBy": "string",
    "jobID": "string",
    "participatingServers": [
      {
        "launchedEc2InstanceID": "string",
        "launchStatus": "string",
        "postLaunchActionsStatus": {
          "postLaunchActionsLaunchStatusList": [
            {
              "executionID": "string",
              "executionStatus": "string",
              "failureReason": "string",
```

```
    "ssmDocument": {
      "actionName": "string",
      "externalParameters": {
        "string" : { ... }
      },
      "mustSucceedForCutover": boolean,
      "parameters": {
        "string" : [
          {
            "parameterName": "string",
            "parameterType": "string"
          }
        ]
      },
      "ssmDocumentName": "string",
      "timeoutSeconds": number
    },
    "ssmDocumentType": "string"
  ],
  "ssmAgentDiscoveryDatetime": "string"
},
"sourceServerID": "string"
}
],
"status": "string",
"tags": {
  "string" : "string"
},
"type": "string"
}
}
```

Response Elements

If the action is successful, the service sends back an HTTP 202 response.

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

job

Terminate Target instance Job response.

Type: Job object

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

UnarchiveApplication

Unarchive application.

Request Syntax

```
POST /UnarchiveApplication HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "applicationID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12}.*`

Required: No

applicationID

Application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `app-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "applicationAggregatedStatus": {
    "healthStatus": "string",
    "lastUpdateDateTime": "string",
    "progressStatus": "string",
    "totalSourceServers": number
  },
  "applicationID": "string",
  "arn": "string",
  "creationDateTime": "string",
  "description": "string",
  "isArchived": boolean,
  "lastModifiedDateTime": "string",
  "name": "string",
  "tags": {
    "string" : "string"
  },
  "waveID": "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.

[applicationAggregatedStatus](#)

Application aggregated status.

Type: [ApplicationAggregatedStatus](#) object

[applicationID](#)

Application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

arn

Application ARN.

Type: String

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

creationDateTime

Application creation dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: [1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z

description

Application description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: [^\x00]*

isArchived

Application archival status.

Type: Boolean

lastModifiedDateTime

Application last modified dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|12[0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

name

Application name.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

tags

Application tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

waveID

Application wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: `wave-[0-9a-zA-Z]{17}`

Errors

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

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

UninitializedAccountException

Uninitialized account 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](#)

UnarchiveWave

Unarchive wave.

Request Syntax

```
POST /UnarchiveWave HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "waveID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

waveID

Wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: wave-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "arn": "string",
  "creationDateTime": "string",
  "description": "string",
  "isArchived": boolean,
  "lastModifiedDateTime": "string",
  "name": "string",
  "tags": {
    "string" : "string"
  },
  "waveAggregatedStatus": {
    "healthStatus": "string",
    "lastUpdateDateTime": "string",
    "progressStatus": "string",
    "replicationStartedDateTime": "string",
    "totalApplications": number
  },
  "waveID": "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.

arn

Wave ARN.

Type: String

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

creationDateTime

Wave creation dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

description

Wave description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[\x00]*`

isArchived

Wave archival status.

Type: Boolean

lastModifiedDateTime

Wave last modified dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

name

Wave name.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

tags

Wave tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

waveAggregatedStatus

Wave aggregated status.

Type: [WaveAggregatedStatus](#) object

waveID

Wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: `wave-[0-9a-zA-Z]{17}`

Errors

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

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ServiceQuotaExceededException

The request could not be completed because its exceeded the service quota.

quotaCode

Exceeded the service quota code.

quotaValue

Exceeded the service quota value.

resourceId

Exceeded the service quota resource ID.

resourceType

Exceeded the service quota resource type.

serviceCode

Exceeded the service quota service code.

HTTP Status Code: 402

UninitializedAccountException

Uninitialized account 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

Deletes the specified set of tags from the specified set of Application Migration Service resources.

Request Syntax

```
DELETE /tags/resourceArn?tagKeys=tagKeys HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

Untag resource by ARN.

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

Required: Yes

tagKeys

Untag resource by Keys.

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

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

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

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

InternalServerError

The server encountered an unexpected condition that prevented it from fulfilling the request.

retryAfterSeconds

The server encountered an unexpected condition that prevented it from fulfilling the request. The request will be retried again after x seconds.

HTTP Status Code: 500

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ThrottlingException

Reached throttling quota exception.

quotaCode

Reached throttling quota exception.

retryAfterSeconds

Reached throttling quota exception will retry after x seconds.

serviceCode

Reached throttling quota exception service code.

HTTP Status Code: 429

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

UpdateApplication

Update application.

Request Syntax

```
POST /UpdateApplication HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "applicationID": "string",
  "description": "string",
  "name": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

applicationID

Application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

Required: Yes

description

Application description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: [^\x00]*

Required: No

name

Application name.

Type: String

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

Pattern: [^\s\x00](* [^\s\x00])*

Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json
```

```
{
  "applicationAggregatedStatus": {
    "healthStatus": "string",
    "lastUpdateDateTime": "string",
    "progressStatus": "string",
    "totalSourceServers": number
  },
  "applicationID": "string",
  "arn": "string",
  "creationDateTime": "string",
```

```
"description": "string",
"isArchived": boolean,
"lastModifiedDateTime": "string",
"name": "string",
"tags": {
  "string" : "string"
},
"waveID": "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.

applicationAggregatedStatus

Application aggregated status.

Type: [ApplicationAggregatedStatus](#) object

applicationID

Application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

arn

Application ARN.

Type: String

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

creationDateTime

Application creation dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\[0-9]+)?Z`

description

Application description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[^\x00]*`

isArchived

Application archival status.

Type: Boolean

lastModifiedDateTime

Application last modified dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\[0-9]+)?Z`

name

Application name.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

tags

Application tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

waveID

Application wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: wave-[0-9a-zA-Z]{17}

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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](#)

UpdateConnector

Update Connector.

Request Syntax

```
POST /UpdateConnector HTTP/1.1
Content-type: application/json
```

```
{
  "connectorID": "string",
  "name": "string",
  "ssmCommandConfig": {
    "cloudWatchLogGroupName": "string",
    "cloudWatchOutputEnabled": boolean,
    "outputS3BucketName": "string",
    "s3OutputEnabled": boolean
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

connectorID

Update Connector request connector ID.

Type: String

Length Constraints: Fixed length of 27.

Pattern: connector-[0-9a-zA-Z]{17}

Required: Yes

name

Update Connector request name.

Type: String

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

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

Required: No

ssmCommandConfig

Update Connector request SSM command config.

Type: [ConnectorSsmCommandConfig](#) object

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "arn": "string",
  "connectorID": "string",
  "name": "string",
  "ssmCommandConfig": {
    "cloudWatchLogGroupName": "string",
    "cloudWatchOutputEnabled": boolean,
    "outputS3BucketName": "string",
    "s3OutputEnabled": boolean
  },
  "ssmInstanceID": "string",
  "tags": {
    "string" : "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.

arn

Connector arn.

Type: String

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

connectorID

Connector ID.

Type: String

Length Constraints: Fixed length of 27.

Pattern: connector-[0-9a-zA-Z]{17}

name

Connector name.

Type: String

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

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

ssmCommandConfig

Connector SSM command config.

Type: [ConnectorSsmCommandConfig](#) object

ssmInstanceID

Connector SSM instance ID.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 20.

Pattern: .*(^i-[0-9a-zA-Z]{17}\$)|(^mi-[0-9a-zA-Z]{17}\$).*

tags

Connector tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Errors

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

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

UpdateLaunchConfiguration

Updates multiple LaunchConfigurations by Source Server ID.

Note

bootMode valid values are LEGACY_BIOS | UEFI

Request Syntax

POST /UpdateLaunchConfiguration HTTP/1.1

Content-type: application/json

```
{
  "accountID": "string",
  "bootMode": "string",
  "copyPrivateIp": boolean,
  "copyTags": boolean,
  "enableMapAutoTagging": boolean,
  "launchDisposition": "string",
  "licensing": {
    "osByol": boolean
  },
  "mapAutoTaggingMpeID": "string",
  "name": "string",
  "postLaunchActions": {
    "cloudWatchLogGroupName": "string",
    "deployment": "string",
    "s3LogBucket": "string",
    "s3OutputKeyPrefix": "string",
    "ssmDocuments": [
      {
        "actionName": "string",
        "externalParameters": {
          "string" : { ... }
        },
        "mustSucceedForCutover": boolean,
        "parameters": {
          "string" : [
            {
              "parameterName": "string",
```

```
        "parameterType": "string"
      }
    ]
  },
  "ssmDocumentName": "string",
  "timeoutSeconds": number
}
]
},
"sourceServerID": "string",
"targetInstanceTypeRightSizingMethod": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Update Launch configuration Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

bootMode

Update Launch configuration boot mode request.

Type: String

Valid Values: LEGACY_BIOS | UEFI | USE_SOURCE

Required: No

copyPrivateIp

Update Launch configuration copy Private IP request.

Type: Boolean

Required: No

copyTags

Update Launch configuration copy Tags request.

Type: Boolean

Required: No

enableMapAutoTagging

Enable map auto tagging.

Type: Boolean

Required: No

launchDisposition

Update Launch configuration launch disposition request.

Type: String

Valid Values: STOPPED | STARTED

Required: No

licensing

Update Launch configuration licensing request.

Type: [Licensing](#) object

Required: No

mapAutoTaggingMpeID

Launch configuration map auto tagging MPE ID.

Type: String

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

Required: No

name

Update Launch configuration name request.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

Required: No

postLaunchActions

Post Launch Actions to executed on the Test or Cutover instance.

Type: [PostLaunchActions](#) object

Required: No

sourceServerID

Update Launch configuration by Source Server ID request.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

targetInstanceTypeRightSizingMethod

Update Launch configuration Target instance right sizing request.

Type: String

Valid Values: NONE | BASIC

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
```

```

"bootMode": "string",
"copyPrivateIp": boolean,
"copyTags": boolean,
"ec2LaunchTemplateID": "string",
"enableMapAutoTagging": boolean,
"launchDisposition": "string",
"licensing": {
  "osByol": boolean
},
"mapAutoTaggingMpeID": "string",
"name": "string",
"postLaunchActions": {
  "cloudWatchLogGroupName": "string",
  "deployment": "string",
  "s3LogBucket": "string",
  "s3OutputKeyPrefix": "string",
  "ssmDocuments": [
    {
      "actionName": "string",
      "externalParameters": {
        "string" : { ... }
      },
      "mustSucceedForCutover": boolean,
      "parameters": {
        "string" : [
          {
            "parameterName": "string",
            "parameterType": "string"
          }
        ]
      },
      "ssmDocumentName": "string",
      "timeoutSeconds": number
    }
  ]
},
"sourceServerID": "string",
"targetInstanceTypeRightSizingMethod": "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.

bootMode

Launch configuration boot mode.

Type: String

Valid Values: LEGACY_BIOS | UEFI | USE_SOURCE

copyPrivateIp

Copy Private IP during Launch Configuration.

Type: Boolean

copyTags

Copy Tags during Launch Configuration.

Type: Boolean

ec2LaunchTemplateID

Launch configuration EC2 Launch template ID.

Type: String

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

enableMapAutoTagging

Enable map auto tagging.

Type: Boolean

launchDisposition

Launch disposition for launch configuration.

Type: String

Valid Values: STOPPED | STARTED

licensing

Launch configuration OS licensing.

Type: [Licensing](#) object

[mapAutoTaggingMpeID](#)

Map auto tagging MPE ID.

Type: String

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

[name](#)

Launch configuration name.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

[postLaunchActions](#)

Post Launch Actions to executed on the Test or Cutover instance.

Type: [PostLaunchActions](#) object

[sourceServerID](#)

Launch configuration Source Server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

[targetInstanceTypeRightSizingMethod](#)

Launch configuration Target instance type right sizing method.

Type: String

Valid Values: NONE | BASIC

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

UpdateLaunchConfigurationTemplate

Updates an existing Launch Configuration Template by ID.

Request Syntax

```
POST /UpdateLaunchConfigurationTemplate HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "associatePublicIpAddress": boolean,
  "bootMode": "string",
  "copyPrivateIp": boolean,
  "copyTags": boolean,
  "enableMapAutoTagging": boolean,
  "enableParametersEncryption": boolean,
  "largeVolumeConf": {
    "iops": number,
    "throughput": number,
    "volumeType": "string"
  },
  "launchConfigurationTemplateID": "string",
  "launchDisposition": "string",
  "licensing": {
    "osByol": boolean
  },
  "mapAutoTaggingMpeID": "string",
  "parametersEncryptionKey": "string",
  "postLaunchActions": {
    "cloudWatchLogGroupName": "string",
    "deployment": "string",
    "s3LogBucket": "string",
    "s3OutputKeyPrefix": "string",
    "ssmDocuments": [
      {
        "actionName": "string",
        "externalParameters": {
          "string" : { ... }
        }
      },
      {
        "mustSucceedForCutover": boolean,
        "parameters": {
          "string" : [
            {
```

```
        "parameterName": "string",
        "parameterType": "string"
      }
    ]
  },
  "ssmDocumentName": "string",
  "timeoutSeconds": number
}
]
},
"smallVolumeConf": {
  "iops": number,
  "throughput": number,
  "volumeType": "string"
},
"smallVolumeMaxSize": number,
"targetInstanceTypeRightSizingMethod": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

associatePublicIpAddress

Associate public Ip address.

Type: Boolean

Required: No

bootMode

Launch configuration template boot mode.

Type: String

Valid Values: LEGACY_BIOS | UEFI | USE_SOURCE

Required: No

copyPrivateIp

Copy private Ip.

Type: Boolean

Required: No

copyTags

Copy tags.

Type: Boolean

Required: No

enableMapAutoTagging

Enable map auto tagging.

Type: Boolean

Required: No

enableParametersEncryption

Enable parameters encryption.

Type: Boolean

Required: No

largeVolumeConf

Large volume config.

Type: [LaunchTemplateDiskConf](#) object

Required: No

launchConfigurationTemplateID

Launch Configuration Template ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `lct-[0-9a-zA-Z]{17}`

Required: Yes

launchDisposition

Launch disposition.

Type: String

Valid Values: STOPPED | STARTED

Required: No

licensing

Configure Licensing.

Type: [Licensing](#) object

Required: No

mapAutoTaggingMpeID

Launch configuration template map auto tagging MPE ID.

Type: String

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

Required: No

parametersEncryptionKey

Parameters encryption key.

Type: String

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

Required: No

postLaunchActions

Post Launch Action to execute on the Test or Cutover instance.

Type: [PostLaunchActions](#) object

Required: No

smallVolumeConf

Small volume config.

Type: [LaunchTemplateDiskConf](#) object

Required: No

smallVolumeMaxSize

Small volume maximum size.

Type: Long

Valid Range: Minimum value of 0.

Required: No

targetInstanceTypeRightSizingMethod

Target instance type right-sizing method.

Type: String

Valid Values: NONE | BASIC

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "arn": "string",
  "associatePublicIpAddress": boolean,
  "bootMode": "string",
  "copyPrivateIp": boolean,
  "copyTags": boolean,
  "ec2LaunchTemplateID": "string",
  "enableMapAutoTagging": boolean,
  "enableParametersEncryption": boolean,
  "largeVolumeConf": {
    "iops": number,
    "throughput": number,
```

```
    "volumeType": "string"
  },
  "launchConfigurationTemplateID": "string",
  "launchDisposition": "string",
  "licensing": {
    "osByol": boolean
  },
  "mapAutoTaggingMpeID": "string",
  "parametersEncryptionKey": "string",
  "postLaunchActions": {
    "cloudWatchLogGroupName": "string",
    "deployment": "string",
    "s3LogBucket": "string",
    "s3OutputKeyPrefix": "string",
    "ssmDocuments": [
      {
        "actionName": "string",
        "externalParameters": {
          "string": { ... }
        },
        "mustSucceedForCutover": boolean,
        "parameters": {
          "string": [
            {
              "parameterName": "string",
              "parameterType": "string"
            }
          ]
        },
        "ssmDocumentName": "string",
        "timeoutSeconds": number
      }
    ]
  },
  "smallVolumeConf": {
    "iops": number,
    "throughput": number,
    "volumeType": "string"
  },
  "smallVolumeMaxSize": number,
  "tags": {
    "string": "string"
  },
  "targetInstanceTypeRightSizingMethod": "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.

arn

ARN of the Launch Configuration Template.

Type: String

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

associatePublicIpAddress

Associate public Ip address.

Type: Boolean

bootMode

Launch configuration template boot mode.

Type: String

Valid Values: LEGACY_BIOS | UEFI | USE_SOURCE

copyPrivateIp

Copy private Ip.

Type: Boolean

copyTags

Copy tags.

Type: Boolean

ec2LaunchTemplateID

EC2 launch template ID.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `1t-[0-9a-z]{17}`

[enableMapAutoTagging](#)

Enable map auto tagging.

Type: Boolean

[enableParametersEncryption](#)

Enable parameters encryption.

Type: Boolean

[largeVolumeConf](#)

Large volume config.

Type: [LaunchTemplateDiskConf](#) object

[launchConfigurationTemplateID](#)

ID of the Launch Configuration Template.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `1ct-[0-9a-zA-Z]{17}`

[launchDisposition](#)

Launch disposition.

Type: String

Valid Values: STOPPED | STARTED

[licensing](#)

Configure Licensing.

Type: [Licensing](#) object

[mapAutoTaggingMpeID](#)

Launch configuration template map auto tagging MPE ID.

Type: String

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

parametersEncryptionKey

Parameters encryption key.

Type: String

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

postLaunchActions

Post Launch Actions of the Launch Configuration Template.

Type: [PostLaunchActions](#) object

smallVolumeConf

Small volume config.

Type: [LaunchTemplateDiskConf](#) object

smallVolumeMaxSize

Small volume maximum size.

Type: Long

Valid Range: Minimum value of 0.

tags

Tags of the Launch Configuration Template.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

targetInstanceTypeRightSizingMethod

Target instance type right-sizing method.

Type: String

Valid Values: NONE | BASIC

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

UpdateNetworkMigrationDefinition

Updates an existing network migration definition with new source or target configurations.

Request Syntax

```
POST /network-migration/UpdateNetworkMigrationDefinition HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "description": "string",
  "name": "string",
  "networkMigrationDefinitionID": "string",
  "scopeTags": {
    "string" : "string"
  },
  "sourceConfigurations": [
    {
      "sourceEnvironment": "string",
      "sourceS3Configuration": {
        "s3Bucket": "string",
        "s3BucketOwner": "string",
        "s3Key": "string"
      }
    }
  ],
  "targetDeployment": "string",
  "targetNetwork": {
    "inboundCidr": "string",
    "inspectionCidr": "string",
    "outboundCidr": "string",
    "topology": "string"
  },
  "targetS3Configuration": {
    "s3Bucket": "string",
    "s3BucketOwner": "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

description

The updated description of the network migration definition.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[\x00]*`

Required: No

name

The updated name of the network migration definition.

Type: String

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

Pattern: `[\s\x00](*[\s\x00])*`

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition to update.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `nmd-[0-9a-zA-Z]{17}`

Required: Yes

scopeTags

The updated scope tags for the network migration definition.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 40 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z0-9\s+\-=_:/@]*

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

Value Pattern: [a-zA-Z0-9\s+\-=_:/@]*

Required: No

sourceConfigurations

The updated list of source configurations.

Type: Array of [SourceConfiguration](#) objects

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Required: No

targetDeployment

The updated target deployment configuration.

Type: String

Valid Values: SINGLE_ACCOUNT | MULTI_ACCOUNT

Required: No

targetNetwork

The updated target network configuration.

Type: [TargetNetworkUpdate](#) object

Required: No

targetS3Configuration

The updated S3 configuration for storing the target network artifacts.

Type: [TargetS3ConfigurationUpdate](#) object

Required: No

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "arn": "string",
  "createdAt": number,
  "description": "string",
  "name": "string",
  "networkMigrationDefinitionID": "string",
  "scopeTags": {
    "string" : "string"
  },
  "sourceConfigurations": [
    {
      "sourceEnvironment": "string",
      "sourceS3Configuration": {
        "s3Bucket": "string",
        "s3BucketOwner": "string",
        "s3Key": "string"
      }
    }
  ],
  "tags": {
    "string" : "string"
  },
  "targetDeployment": "string",
  "targetNetwork": {
    "inboundCidr": "string",
    "inspectionCidr": "string",
    "outboundCidr": "string",
    "topology": "string"
  },
  "targetS3Configuration": {
    "s3Bucket": "string",
    "s3BucketOwner": "string"
  },
  "updatedAt": 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.

arn

The Amazon Resource Name (ARN) of the network migration definition.

Type: String

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

createdAt

The timestamp when the network migration definition was created.

Type: Timestamp

description

A description of the network migration definition.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[^\x00]*`

name

The name of the network migration definition.

Type: String

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

Pattern: `^[^s\x00](*[^s\x00])*`

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

scopeTags

Scope tags for the network migration definition.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 40 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z0-9\s+\-\=._:/@]*

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

Value Pattern: [a-zA-Z0-9\s+\-\=._:/@]*

sourceConfigurations

A list of source configurations for the network migration.

Type: Array of [SourceConfiguration](#) objects

Array Members: Minimum number of 0 items. Maximum number of 2 items.

tags

Tags assigned to the network migration definition.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

targetDeployment

The target deployment configuration for the migrated network.

Type: String

Valid Values: SINGLE_ACCOUNT | MULTI_ACCOUNT

targetNetwork

The target network configuration including topology and CIDR ranges.

Type: [TargetNetwork](#) object

targetS3Configuration

The S3 configuration for storing the target network artifacts.

Type: [TargetS3Configuration](#) object

updatedAt

The timestamp when the network migration definition was last updated.

Type: Timestamp

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

UpdateNetworkMigrationMapperSegment

Updates a mapper segment's configuration, such as changing its scope tags.

Request Syntax

```
POST /network-migration/UpdateNetworkMigrationMapperSegment HTTP/1.1
Content-type: application/json
```

```
{
  "networkMigrationDefinitionID": "string",
  "networkMigrationExecutionID": "string",
  "scopeTags": {
    "string" : "string"
  },
  "segmentID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: Yes

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: Yes

scopeTags

The updated scope tags for the segment.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 40 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z0-9\s+\-\=._:/@]*`

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

Value Pattern: `[a-zA-Z0-9\s+\-\=._:/@]*`

Required: No

segmentID

The unique identifier of the segment to update.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "checksum": {
    "encryptionAlgorithm": "string",
```

```
  "hash": "string"
},
"createdAt": number,
"description": "string",
"jobID": "string",
"logicalID": "string",
"name": "string",
"networkMigrationDefinitionID": "string",
"networkMigrationExecutionID": "string",
"outputS3Configuration": {
  "s3Bucket": "string",
  "s3BucketOwner": "string",
  "s3Key": "string"
},
"referencedSegments": [ "string" ],
"scopeTags": {
  "string" : "string"
},
"segmentID": "string",
"segmentType": "string",
"targetAccount": "string",
"updatedAt": 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.

checksum

The checksum of the segment data for integrity verification.

Type: [Checksum](#) object

createdAt

The timestamp when the segment was created.

Type: Timestamp

description

A description of the segment.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[^\x00]*`

jobID

The unique identifier of the job that created this segment.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

logicalID

The logical identifier for the segment in the infrastructure code.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z][a-zA-Z0-9-]*`

name

The name of the segment.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `nmd-[0-9a-zA-Z]{17}`

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

outputS3Configuration

The S3 location where segment artifacts are stored.

Type: [S3Configuration](#) object

referencedSegments

A list of other segments that this segment depends on or references.

Type: Array of strings

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

scopeTags

Scope tags for the segment.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 40 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z0-9\s+\-\=._:/@]*

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

Value Pattern: [a-zA-Z0-9\s+\-\=._:/@]*

segmentID

The unique identifier of the segment.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

segmentType

The type of the segment, such as VPC, subnet, or security group.

Type: String

Valid Values: WORKLOAD | APPLIANCE

targetAccount

The target AWS account where this segment will be deployed.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

updatedAt

The timestamp when the segment was last updated.

Type: Timestamp

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

UpdateReplicationConfiguration

Allows you to update multiple ReplicationConfigurations by Source Server ID.

Request Syntax

```
POST /UpdateReplicationConfiguration HTTP/1.1
Content-type: application/json

{
  "accountID": "string",
  "associateDefaultSecurityGroup": boolean,
  "bandwidthThrottling": number,
  "createPublicIP": boolean,
  "dataPlaneRouting": "string",
  "defaultLargeStagingDiskType": "string",
  "ebsEncryption": "string",
  "ebsEncryptionKeyArn": "string",
  "internetProtocol": "string",
  "name": "string",
  "replicatedDisks": [
    {
      "deviceName": "string",
      "iops": number,
      "isBootDisk": boolean,
      "stagingDiskType": "string",
      "throughput": number
    }
  ],
  "replicationServerInstanceType": "string",
  "replicationServersSecurityGroupsIDs": [ "string" ],
  "sourceServerID": "string",
  "stagingAreaSubnetId": "string",
  "stagingAreaTags": {
    "string" : "string"
  },
  "storeSnapshotOnLocalZone": boolean,
  "useDedicatedReplicationServer": boolean,
  "useFipsEndpoint": boolean
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Update replication configuration Account ID request.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

associateDefaultSecurityGroup

Update replication configuration associate default Application Migration Service Security group request.

Type: Boolean

Required: No

bandwidthThrottling

Update replication configuration bandwidth throttling request.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 10000.

Required: No

createPublicIP

Update replication configuration create Public IP request.

Type: Boolean

Required: No

[dataPlaneRouting](#)

Update replication configuration data plane routing request.

Type: String

Valid Values: PRIVATE_IP | PUBLIC_IP

Required: No

[defaultLargeStagingDiskType](#)

Update replication configuration use default large Staging Disk type request.

Type: String

Valid Values: GP2 | ST1 | GP3

Required: No

[ebsEncryption](#)

Update replication configuration EBS encryption request.

Type: String

Valid Values: DEFAULT | CUSTOM

Required: No

[ebsEncryptionKeyArn](#)

Update replication configuration EBS encryption key ARN request.

Type: String

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

Required: No

[internetProtocol](#)

Update replication configuration internet protocol.

Type: String

Valid Values: IPV4 | IPV6

Required: No

name

Update replication configuration name request.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

Required: No

replicatedDisks

Update replication configuration replicated disks request.

Type: Array of [ReplicationConfigurationReplicatedDisk](#) objects

Array Members: Minimum number of 0 items. Maximum number of 60 items.

Required: No

replicationServerInstanceType

Update replication configuration Replication Server instance type request.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Required: No

replicationServersSecurityGroupsIDs

Update replication configuration Replication Server Security Groups IDs request.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 32 items.

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: sg-[0-9a-fA-F]{8,}

Required: No

sourceServerID

Update replication configuration Source Server ID request.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

stagingAreaSubnetId

Update replication configuration Staging Area subnet request.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: subnet-[0-9a-fA-F]{8,}

Required: No

stagingAreaTags

Update replication configuration Staging Area Tags request.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

storeSnapshotOnLocalZone

Update replication configuration store snapshot on local zone.

Type: Boolean

Required: No

useDedicatedReplicationServer

Update replication configuration use dedicated Replication Server request.

Type: Boolean

Required: No

useFipsEndpoint

Update replication configuration use Fips Endpoint.

Type: Boolean

Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json
```

```
{
  "associateDefaultSecurityGroup": boolean,
  "bandwidthThrottling": number,
  "createPublicIP": boolean,
  "dataPlaneRouting": "string",
  "defaultLargeStagingDiskType": "string",
  "ebsEncryption": "string",
  "ebsEncryptionKeyArn": "string",
  "internetProtocol": "string",
  "name": "string",
  "replicatedDisks": [
    {
      "deviceName": "string",
      "iops": number,
      "isBootDisk": boolean,
      "stagingDiskType": "string",
      "throughput": number
    }
  ],
  "replicationServerInstanceType": "string",
  "replicationServersSecurityGroupsIDs": [ "string" ],
  "sourceServerID": "string",
```

```
"stagingAreaSubnetId": "string",
"stagingAreaTags": {
  "string" : "string"
},
"storeSnapshotOnLocalZone": boolean,
"useDedicatedReplicationServer": boolean,
"useFipsEndpoint": 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.

associateDefaultSecurityGroup

Replication Configuration associate default Application Migration Service Security Group.

Type: Boolean

bandwidthThrottling

Replication Configuration set bandwidth throttling.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 10000.

createPublicIP

Replication Configuration create Public IP.

Type: Boolean

dataPlaneRouting

Replication Configuration data plane routing.

Type: String

Valid Values: PRIVATE_IP | PUBLIC_IP

defaultLargeStagingDiskType

Replication Configuration use default large Staging Disks.

Type: String

Valid Values: GP2 | ST1 | GP3

ebsEncryption

Replication Configuration EBS encryption.

Type: String

Valid Values: DEFAULT | CUSTOM

ebsEncryptionKeyArn

Replication Configuration EBS encryption key ARN.

Type: String

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

internetProtocol

Replication Configuration internet protocol.

Type: String

Valid Values: IPV4 | IPV6

name

Replication Configuration name.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

replicatedDisks

Replication Configuration replicated disks.

Type: Array of [ReplicationConfigurationReplicatedDisk](#) objects

Array Members: Minimum number of 0 items. Maximum number of 60 items.

replicationServerInstanceType

Replication Configuration Replication Server instance type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

replicationServersSecurityGroupsIDs

Replication Configuration Replication Server Security Group IDs.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 32 items.

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: sg-[0-9a-fA-F]{8,}

sourceServerID

Replication Configuration Source Server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

stagingAreaSubnetId

Replication Configuration Staging Area subnet ID.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: subnet-[0-9a-fA-F]{8,}

stagingAreaTags

Replication Configuration Staging Area tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

storeSnapshotOnLocalZone

Replication Configuration store snapshot on local zone.

Type: Boolean

useDedicatedReplicationServer

Replication Configuration use Dedicated Replication Server.

Type: Boolean

useFipsEndpoint

Replication Configuration use Fips Endpoint.

Type: Boolean

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

UpdateReplicationConfigurationTemplate

Updates multiple ReplicationConfigurationTemplates by ID.

Request Syntax

```
POST /UpdateReplicationConfigurationTemplate HTTP/1.1
Content-type: application/json
```

```
{
  "arn": "string",
  "associateDefaultSecurityGroup": boolean,
  "bandwidthThrottling": number,
  "createPublicIP": boolean,
  "dataPlaneRouting": "string",
  "defaultLargeStagingDiskType": "string",
  "ebsEncryption": "string",
  "ebsEncryptionKeyArn": "string",
  "internetProtocol": "string",
  "replicationConfigurationTemplateID": "string",
  "replicationServerInstanceType": "string",
  "replicationServersSecurityGroupsIDs": [ "string" ],
  "stagingAreaSubnetId": "string",
  "stagingAreaTags": {
    "string" : "string"
  },
  "storeSnapshotOnLocalZone": boolean,
  "useDedicatedReplicationServer": boolean,
  "useFipsEndpoint": boolean
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

arn

Update replication configuration template ARN request.

Type: String

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

Required: No

associateDefaultSecurityGroup

Update replication configuration template associate default Application Migration Service Security group request.

Type: Boolean

Required: No

bandwidthThrottling

Update replication configuration template bandwidth throttling request.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 10000.

Required: No

createPublicIP

Update replication configuration template create Public IP request.

Type: Boolean

Required: No

dataPlaneRouting

Update replication configuration template data plane routing request.

Type: String

Valid Values: PRIVATE_IP | PUBLIC_IP

Required: No

defaultLargeStagingDiskType

Update replication configuration template use default large Staging Disk type request.

Type: String

Valid Values: GP2 | ST1 | GP3

Required: No

ebsEncryption

Update replication configuration template EBS encryption request.

Type: String

Valid Values: DEFAULT | CUSTOM

Required: No

ebsEncryptionKeyArn

Update replication configuration template EBS encryption key ARN request.

Type: String

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

Required: No

internetProtocol

Update replication configuration template internet protocol request.

Type: String

Valid Values: IPV4 | IPV6

Required: No

replicationConfigurationTemplateID

Update replication configuration template template ID request.

Type: String

Length Constraints: Fixed length of 21.

Pattern: rct-[0-9a-zA-Z]{17}

Required: Yes

replicationServerInstanceType

Update replication configuration template Replication Server instance type request.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Required: No

replicationServersSecurityGroupsIDs

Update replication configuration template Replication Server Security groups IDs request.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 32 items.

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: sg-[0-9a-fA-F]{8,}

Required: No

stagingAreaSubnetId

Update replication configuration template Staging Area subnet ID request.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: subnet-[0-9a-fA-F]{8,}

Required: No

stagingAreaTags

Update replication configuration template Staging Area Tags request.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

storeSnapshotOnLocalZone

Update replication configuration template store snapshot on local zone request.

Type: Boolean

Required: No

useDedicatedReplicationServer

Update replication configuration template use dedicated Replication Server request.

Type: Boolean

Required: No

useFipsEndpoint

Update replication configuration template use Fips Endpoint request.

Type: Boolean

Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json
```

```
{
  "arn": "string",
  "associateDefaultSecurityGroup": boolean,
  "bandwidthThrottling": number,
  "createPublicIP": boolean,
  "dataPlaneRouting": "string",
  "defaultLargeStagingDiskType": "string",
  "ebsEncryption": "string",
  "ebsEncryptionKeyArn": "string",
  "internetProtocol": "string",
  "replicationConfigurationTemplateID": "string",
  "replicationServerInstanceType": "string",
  "replicationServersSecurityGroupsIDs": [ "string ],
  "stagingAreaSubnetId": "string",
```

```
"stagingAreaTags": {
  "string" : "string"
},
"storeSnapshotOnLocalZone": boolean,
"tags": {
  "string" : "string"
},
"useDedicatedReplicationServer": boolean,
"useFipsEndpoint": 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.

[arn](#)

Replication Configuration template ARN.

Type: String

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

[associateDefaultSecurityGroup](#)

Replication Configuration template associate default Application Migration Service Security group.

Type: Boolean

[bandwidthThrottling](#)

Replication Configuration template bandwidth throttling.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 10000.

[createPublicIP](#)

Replication Configuration template create Public IP.

Type: Boolean

dataPlaneRouting

Replication Configuration template data plane routing.

Type: String

Valid Values: PRIVATE_IP | PUBLIC_IP

defaultLargeStagingDiskType

Replication Configuration template use default large Staging Disk type.

Type: String

Valid Values: GP2 | ST1 | GP3

ebsEncryption

Replication Configuration template EBS encryption.

Type: String

Valid Values: DEFAULT | CUSTOM

ebsEncryptionKeyArn

Replication Configuration template EBS encryption key ARN.

Type: String

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

internetProtocol

Replication Configuration template internet protocol.

Type: String

Valid Values: IPV4 | IPV6

replicationConfigurationTemplateID

Replication Configuration template ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: rct-[0-9a-zA-Z]{17}

replicationServerInstanceType

Replication Configuration template server instance type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

replicationServersSecurityGroupsIDs

Replication Configuration template server Security Groups IDs.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 32 items.

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: sg-[0-9a-fA-F]{8,}

stagingAreaSubnetId

Replication Configuration template Staging Area subnet ID.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: subnet-[0-9a-fA-F]{8,}

stagingAreaTags

Replication Configuration template Staging Area Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

storeSnapshotOnLocalZone

Replication Configuration template store snapshot on local zone.

Type: Boolean

tags

Replication Configuration template Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

useDedicatedReplicationServer

Replication Configuration template use Dedicated Replication Server.

Type: Boolean

useFipsEndpoint

Replication Configuration template use Fips Endpoint.

Type: Boolean

Errors

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

AccessDeniedException

Operating denied due to a file permission or access check error.

HTTP Status Code: 403

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

UpdateSourceServer

Update Source Server.

Request Syntax

```
POST /UpdateSourceServer HTTP/1.1
Content-type: application/json

{
  "accountID": "string",
  "connectorAction": {
    "connectorArn": "string",
    "credentialsSecretArn": "string"
  },
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Update Source Server request account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

connectorAction

Update Source Server request connector action.

Type: [SourceServerConnectorAction](#) object

Required: No

sourceServerID

Update Source Server request source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "applicationID": "string",
  "arn": "string",
  "connectorAction": {
    "connectorArn": "string",
    "credentialsSecretArn": "string"
  },
  "dataReplicationInfo": {
    "dataReplicationError": {
      "error": "string",
      "rawError": "string"
    },
    "dataReplicationInitiation": {
      "nextAttemptDateTime": "string",
      "startDateTime": "string",
      "steps": [
        {
          "name": "string",
          "status": "string"
        }
      ]
    },
    "dataReplicationState": "string",
    "etaDateTime": "string",
    "lagDuration": "string",
```

```
"lastSnapshotDateTime": "string",
"replicatedDisks": [
  {
    "backloggedStorageBytes": number,
    "deviceName": "string",
    "replicatedStorageBytes": number,
    "rescannedStorageBytes": number,
    "totalStorageBytes": number
  }
],
"replicatorId": "string"
},
"fqdnForActionFramework": "string",
"isArchived": boolean,
"launchedInstance": {
  "ec2InstanceID": "string",
  "firstBoot": "string",
  "jobID": "string"
},
"lifeCycle": {
  "addedToServiceDateTime": "string",
  "elapsedReplicationDuration": "string",
  "firstByteDateTime": "string",
  "lastCutover": {
    "finalized": {
      "apiCallDateTime": "string"
    },
    "initiated": {
      "apiCallDateTime": "string",
      "jobID": "string"
    },
    "reverted": {
      "apiCallDateTime": "string"
    }
  }
},
"lastSeenByServiceDateTime": "string",
"lastTest": {
  "finalized": {
    "apiCallDateTime": "string"
  },
  "initiated": {
    "apiCallDateTime": "string",
    "jobID": "string"
  }
},
```

```
    "reverted": {
      "apiCallDateTime": "string"
    },
    "state": "string"
  },
  "replicationType": "string",
  "sourceProperties": {
    "cpus": [
      {
        "cores": number,
        "modelName": "string"
      }
    ],
    "disks": [
      {
        "bytes": number,
        "deviceName": "string"
      }
    ],
    "identificationHints": {
      "awsInstanceID": "string",
      "fqdn": "string",
      "hostname": "string",
      "vmPath": "string",
      "vmWareUuid": "string"
    },
    "lastUpdatedDateTime": "string",
    "networkInterfaces": [
      {
        "ips": [ "string" ],
        "isPrimary": boolean,
        "macAddress": "string"
      }
    ],
    "os": {
      "fullString": "string"
    },
    "ramBytes": number,
    "recommendedInstanceType": "string"
  },
  "sourceServerID": "string",
  "tags": {
    "string" : "string"
  }
}
```

```
  },  
  "userProvidedID": "string",  
  "vcenterClientID": "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.

applicationID

Source server application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

arn

Source server ARN.

Type: String

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

connectorAction

Source Server connector action.

Type: [SourceServerConnectorAction](#) object

dataReplicationInfo

Source server data replication info.

Type: [DataReplicationInfo](#) object

fqdnForActionFramework

Source server fqdn for action framework.

Type: String

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

isArchived

Source server archived status.

Type: Boolean

launchedInstance

Source server launched instance.

Type: [LaunchedInstance](#) object

lifeCycle

Source server lifecycle state.

Type: [LifeCycle](#) object

replicationType

Source server replication type.

Type: String

Valid Values: AGENT_BASED | SNAPSHOT_SHIPPING

sourceProperties

Source server properties.

Type: [SourceProperties](#) object

sourceServerID

Source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

tags

Source server Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

userProvidedID

Source server user provided ID.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

vcenterClientID

Source server vCenter client id.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `vcc-[0-9a-zA-Z]{17}`

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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](#)

UpdateSourceServerReplicationType

Allows you to change between the AGENT_BASED replication type and the SNAPSHOT_SHIPPING replication type.

SNAPSHOT_SHIPPING should be used for agentless replication.

Request Syntax

```
POST /UpdateSourceServerReplicationType HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "accountID": "string",
  "replicationType": "string",
  "sourceServerID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID on which to update replication type.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

replicationType

Replication type to which to update source server.

Type: String

Valid Values: AGENT_BASED | SNAPSHOT_SHIPPING

Required: Yes

sourceServerID

ID of source server on which to update replication type.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "applicationID": "string",
  "arn": "string",
  "connectorAction": {
    "connectorArn": "string",
    "credentialsSecretArn": "string"
  },
  "dataReplicationInfo": {
    "dataReplicationError": {
      "error": "string",
      "rawError": "string"
    },
    "dataReplicationInitiation": {
      "nextAttemptDateTime": "string",
      "startDateTime": "string",
      "steps": [
        {
          "name": "string",
          "status": "string"
        }
      ]
    }
  },
  "dataReplicationState": "string",
```

```
"etaDateTime": "string",
"lagDuration": "string",
"lastSnapshotDateTime": "string",
"replicatedDisks": [
  {
    "backloggedStorageBytes": number,
    "deviceName": "string",
    "replicatedStorageBytes": number,
    "rescannedStorageBytes": number,
    "totalStorageBytes": number
  }
],
"replicatorId": "string"
},
"fqdnForActionFramework": "string",
"isArchived": boolean,
"launchedInstance": {
  "ec2InstanceID": "string",
  "firstBoot": "string",
  "jobID": "string"
},
"lifeCycle": {
  "addedToServiceDateTime": "string",
  "elapsedReplicationDuration": "string",
  "firstByteDateTime": "string",
  "lastCutover": {
    "finalized": {
      "apiCallDateTime": "string"
    },
    "initiated": {
      "apiCallDateTime": "string",
      "jobID": "string"
    },
    "reverted": {
      "apiCallDateTime": "string"
    }
  },
  "lastSeenByServiceDateTime": "string",
  "lastTest": {
    "finalized": {
      "apiCallDateTime": "string"
    },
    "initiated": {
      "apiCallDateTime": "string",
```

```
    "jobID": "string"
  },
  "reverted": {
    "apiCallDateTime": "string"
  }
},
"state": "string"
},
"replicationType": "string",
"sourceProperties": {
  "cpus": [
    {
      "cores": number,
      "modelName": "string"
    }
  ],
  "disks": [
    {
      "bytes": number,
      "deviceName": "string"
    }
  ],
  "identificationHints": {
    "awsInstanceID": "string",
    "fqdn": "string",
    "hostname": "string",
    "vmPath": "string",
    "vmWareUuid": "string"
  },
  "lastUpdatedDateTime": "string",
  "networkInterfaces": [
    {
      "ips": [ "string" ],
      "isPrimary": boolean,
      "macAddress": "string"
    }
  ],
  "os": {
    "fullString": "string"
  },
  "ramBytes": number,
  "recommendedInstanceType": "string"
},
"sourceServerID": "string",
```

```
"tags": {  
  "string" : "string"  
},  
"userProvidedID": "string",  
"vcenterClientID": "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.

applicationID

Source server application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

arn

Source server ARN.

Type: String

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

connectorAction

Source Server connector action.

Type: [SourceServerConnectorAction](#) object

dataReplicationInfo

Source server data replication info.

Type: [DataReplicationInfo](#) object

fqdnForActionFramework

Source server fqdn for action framework.

Type: String

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

isArchived

Source server archived status.

Type: Boolean

launchedInstance

Source server launched instance.

Type: [LaunchedInstance](#) object

lifeCycle

Source server lifecycle state.

Type: [LifeCycle](#) object

replicationType

Source server replication type.

Type: String

Valid Values: AGENT_BASED | SNAPSHOT_SHIPPING

sourceProperties

Source server properties.

Type: [SourceProperties](#) object

sourceServerID

Source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

tags

Source server Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

userProvidedID

Source server user provided ID.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

vcenterClientID

Source server vCenter client id.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `vcc-[0-9a-zA-Z]{17}`

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account exception.

HTTP Status Code: 400

ValidationException

Validate exception.

fieldList

Validate exception field list.

reason

Validate exception reason.

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](#)

UpdateWave

Update wave.

Request Syntax

```
POST /UpdateWave HTTP/1.1
Content-type: application/json
```

```
{
  "accountID": "string",
  "description": "string",
  "name": "string",
  "waveID": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

accountID

Account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

description

Wave description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[^\x00]*`

Required: No

name

Wave name.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

Required: No

waveID

Wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: `wave-[0-9a-zA-Z]{17}`

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json
```

```
{
  "arn": "string",
  "creationDateTime": "string",
  "description": "string",
  "isArchived": boolean,
  "lastModifiedDateTime": "string",
  "name": "string",
  "tags": {
    "string" : "string"
  },
}
```

```
"waveAggregatedStatus": {
  "healthStatus": "string",
  "lastUpdateDateTime": "string",
  "progressStatus": "string",
  "replicationStartedDateTime": "string",
  "totalApplications": number
},
"waveID": "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.

arn

Wave ARN.

Type: String

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

creationDateTime

Wave creation dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

description

Wave description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[^\x00]*`

isArchived

Wave archival status.

Type: Boolean

lastModifiedDateTime

Wave last modified dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: [1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z

name

Wave name.

Type: String

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

Pattern: [^\s\x00](* [^\s\x00])*

tags

Wave tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

waveAggregatedStatus

Wave aggregated status.

Type: [WaveAggregatedStatus](#) object

waveID

Wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: wave-[0-9a-zA-Z]{17}

Errors

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

ConflictException

The request could not be completed due to a conflict with the current state of the target resource.

errors

Conflict Exception specific errors.

resourceId

A conflict occurred when prompting for the Resource ID.

resourceType

A conflict occurred when prompting for resource type.

HTTP Status Code: 409

ResourceNotFoundException

Resource not found exception.

resourceId

Resource ID not found error.

resourceType

Resource type not found error.

HTTP Status Code: 404

UninitializedAccountException

Uninitialized account 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 Application Migration Service 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:

- [Application](#)
- [ApplicationAggregatedStatus](#)
- [ChangeServerLifeCycleStateSourceServerLifecycle](#)
- [Checksum](#)
- [CodeGenerationOutputFormatStatusDetails](#)
- [Connector](#)
- [ConnectorSsmCommandConfig](#)
- [CPU](#)
- [DataReplicationError](#)
- [DataReplicationInfo](#)
- [DataReplicationInfoReplicatedDisk](#)
- [DataReplicationInitiation](#)
- [DataReplicationInitiationStep](#)
- [DescribeJobsRequestFilters](#)
- [DescribeSourceServersRequestFilters](#)
- [Disk](#)
- [EnrichmentSourceS3Configuration](#)
- [EnrichmentTargetS3Configuration](#)
- [ErrorDetails](#)
- [ExportErrorData](#)

- [ExportTask](#)
- [ExportTaskError](#)
- [ExportTaskSummary](#)
- [IdentificationHints](#)
- [ImportErrorData](#)
- [ImportFileEnrichment](#)
- [ImportTask](#)
- [ImportTaskError](#)
- [ImportTaskSummary](#)
- [ImportTaskSummaryApplications](#)
- [ImportTaskSummaryServers](#)
- [ImportTaskSummaryWaves](#)
- [Job](#)
- [JobLog](#)
- [JobLogEventData](#)
- [JobPostLaunchActionsLaunchStatus](#)
- [LaunchConfigurationTemplate](#)
- [LaunchedInstance](#)
- [LaunchTemplateDiskConf](#)
- [Licensing](#)
- [LifeCycle](#)
- [LifeCycleLastCutover](#)
- [LifeCycleLastCutoverFinalized](#)
- [LifeCycleLastCutoverInitiated](#)
- [LifeCycleLastCutoverReverted](#)
- [LifeCycleLastTest](#)
- [LifeCycleLastTestFinalized](#)
- [LifeCycleLastTestInitiated](#)
- [LifeCycleLastTestReverted](#)
- [ListApplicationsRequestFilters](#)

- [ListConnectorsRequestFilters](#)
- [ListExportsRequestFilters](#)
- [ListImportFileEnrichmentsFilters](#)
- [ListImportsRequestFilters](#)
- [ListNetworkMigrationAnalysesFilters](#)
- [ListNetworkMigrationAnalysisResultsFilters](#)
- [ListNetworkMigrationCodeGenerationSegmentsFilters](#)
- [ListNetworkMigrationCodeGenerationsFilters](#)
- [ListNetworkMigrationDefinitionsRequestFilters](#)
- [ListNetworkMigrationDeployerJobFilters](#)
- [ListNetworkMigrationExecutionRequestFilters](#)
- [ListNetworkMigrationMapperSegmentConstructsFilters](#)
- [ListNetworkMigrationMapperSegmentsFilters](#)
- [ListNetworkMigrationMappingsFilters](#)
- [ListNetworkMigrationMappingUpdatesFilters](#)
- [ListWavesRequestFilters](#)
- [ManagedAccount](#)
- [NetworkInterface](#)
- [NetworkMigrationAnalysisJobDetails](#)
- [NetworkMigrationAnalysisResult](#)
- [NetworkMigrationAnalysisResultSource](#)
- [NetworkMigrationAnalysisResultTarget](#)
- [NetworkMigrationCodeGenerationArtifact](#)
- [NetworkMigrationCodeGenerationJobDetails](#)
- [NetworkMigrationCodeGenerationSegment](#)
- [NetworkMigrationDefinitionSummary](#)
- [NetworkMigrationDeployedStackDetails](#)
- [NetworkMigrationDeployerJobDetails](#)
- [NetworkMigrationExecution](#)
- [NetworkMigrationFailedResourceDetails](#)

- [NetworkMigrationMapperSegment](#)
- [NetworkMigrationMapperSegmentConstruct](#)
- [NetworkMigrationMappingJobDetails](#)
- [NetworkMigrationMappingUpdateJobDetails](#)
- [OperationUnion](#)
- [OS](#)
- [ParticipatingServer](#)
- [PostLaunchActions](#)
- [PostLaunchActionsStatus](#)
- [ReplicationConfigurationReplicatedDisk](#)
- [ReplicationConfigurationTemplate](#)
- [S3BucketSource](#)
- [S3Configuration](#)
- [SourceConfiguration](#)
- [SourceProperties](#)
- [SourceS3Configuration](#)
- [SourceServer](#)
- [SourceServerActionDocument](#)
- [SourceServerActionsRequestFilters](#)
- [SourceServerConnectorAction](#)
- [SsmDocument](#)
- [SsmExternalParameter](#)
- [SsmParameterStoreParameter](#)
- [StartNetworkMigrationMappingUpdateConstruct](#)
- [StartNetworkMigrationMappingUpdateSegment](#)
- [TargetNetwork](#)
- [TargetNetworkUpdate](#)
- [TargetS3Configuration](#)
- [TargetS3ConfigurationUpdate](#)
- [TemplateActionDocument](#)

- [TemplateActionsRequestFilters](#)
- [UpdateOperation](#)
- [ValidationExceptionField](#)
- [VcenterClient](#)
- [Wave](#)
- [WaveAggregatedStatus](#)

Application

Contents

applicationAggregatedStatus

Application aggregated status.

Type: [ApplicationAggregatedStatus](#) object

Required: No

applicationID

Application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

Required: No

arn

Application ARN.

Type: String

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

Required: No

creationDateTime

Application creation dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: [1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z

Required: No

description

Application description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: [^\x00]*

Required: No

isArchived

Application archival status.

Type: Boolean

Required: No

lastModifiedDateTime

Application last modified dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: [1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z

Required: No

name

Application name.

Type: String

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

Pattern: [^\s\x00](* [^\s\x00])*

Required: No

tags

Application tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

waveID

Application wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: wave-[0-9a-zA-Z]{17}

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](#)

ApplicationAggregatedStatus

Application aggregated status.

Contents

healthStatus

Application aggregated status health status.

Type: String

Valid Values: HEALTHY | LAGGING | ERROR

Required: No

lastUpdateDateTime

Application aggregated status last update dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|12[0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

progressStatus

Application aggregated status progress status.

Type: String

Valid Values: NOT_STARTED | IN_PROGRESS | COMPLETED

Required: No

totalSourceServers

Application aggregated status total source servers amount.

Type: Long

Valid Range: Minimum value of 0.

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](#)

ChangeServerLifeCycleStateSourceServerLifecycle

The request to change the source server migration lifecycle state.

Contents

state

The request to change the source server migration lifecycle state.

Type: String

Valid Values: READY_FOR_TEST | READY_FOR_CUTOVER | CUTOVER

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](#)

Checksum

A checksum structure used to verify data integrity.

Contents

encryptionAlgorithm

The encryption algorithm used to generate the checksum.

Type: String

Valid Values: SHA256

Required: No

hash

The hash value of the checksum.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[A-Za-z0-9+/=]{32}`

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](#)

CodeGenerationOutputFormatStatusDetails

Status details for a specific code generation output format.

Contents

status

The status of the code generation for this output format.

Type: String

Valid Values: SUCCEEDED | FAILED

Required: No

statusDetailList

A list of detailed status information for the code generation.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

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](#)

Connector

Contents

arn

Connector arn.

Type: String

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

Required: No

connectorID

Connector ID.

Type: String

Length Constraints: Fixed length of 27.

Pattern: connector-[0-9a-zA-Z]{17}

Required: No

name

Connector name.

Type: String

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

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

Required: No

ssmCommandConfig

Connector SSM command config.

Type: [ConnectorSsmCommandConfig](#) object

Required: No

ssmInstanceID

Connector SSM instance ID.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 20.

Pattern: `.*(^i-[0-9a-zA-Z]{17}$)|(^mi-[0-9a-zA-Z]{17}$).*`

Required: No

tags

Connector tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

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](#)

ConnectorSsmCommandConfig

Connector SSM command config.

Contents

cloudWatchOutputEnabled

Connector SSM command config CloudWatch output enabled.

Type: Boolean

Required: Yes

s3OutputEnabled

Connector SSM command config S3 output enabled.

Type: Boolean

Required: Yes

cloudWatchLogGroupName

Connector SSM command config CloudWatch log group name.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

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

Required: No

outputS3BucketName

Connector SSM command config output S3 bucket name.

Type: String

Pattern: `[a-zA-Z0-9.\-_]{1,255}`

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](#)

CPU

Source server CPU information.

Contents

cores

The number of CPU cores on the source server.

Type: Long

Valid Range: Minimum value of 0.

Required: No

modelName

The source server's CPU model name.

Type: String

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

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](#)

DataReplicationError

Error in data replication.

Contents

error

Error in data replication.

Type: String

Valid Values: AGENT_NOT_SEEN | SNAPSHOTS_FAILURE | NOT_CONVERGING
| UNSTABLE_NETWORK | FAILED_TO_CREATE_SECURITY_GROUP |
FAILED_TO_LAUNCH_REPLICATION_SERVER | FAILED_TO_BOOT_REPLICATION_SERVER
| FAILED_TO_AUTHENTICATE_WITH_SERVICE |
FAILED_TO_DOWNLOAD_REPLICATION_SOFTWARE | FAILED_TO_CREATE_STAGING_DISKS
| FAILED_TO_ATTACH_STAGING_DISKS |
FAILED_TO_PAIR_REPLICATION_SERVER_WITH_AGENT |
FAILED_TO_CONNECT_AGENT_TO_REPLICATION_SERVER |
FAILED_TO_START_DATA_TRANSFER | UNSUPPORTED_VM_CONFIGURATION |
LAST_SNAPSHOT_JOB_FAILED

Required: No

rawError

Error in data replication.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

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](#)

DataReplicationInfo

Request data replication info.

Contents

dataReplicationError

Error in obtaining data replication info.

Type: [DataReplicationError](#) object

Required: No

dataReplicationInitiation

Request to query whether data replication has been initiated.

Type: [DataReplicationInitiation](#) object

Required: No

dataReplicationState

Request to query the data replication state.

Type: String

Valid Values: STOPPED | INITIATING | INITIAL_SYNC | BACKLOG | CREATING_SNAPSHOT | CONTINUOUS | PAUSED | RESCAN | STALLED | DISCONNECTED | PENDING_SNAPSHOT_SHIPPING | SHIPPING_SNAPSHOT

Required: No

etaDateTime

Request to query the time when data replication will be complete.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

lagDuration

Request to query data replication lag duration.

Type: String

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

Required: No

lastSnapshotDateTime

Request to query data replication last snapshot time.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

replicatedDisks

Request to query disks replicated.

Type: Array of [DataReplicationInfoReplicatedDisk](#) objects

Array Members: Minimum number of 0 items. Maximum number of 60 items.

Required: No

replicatorId

Replication server instance ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: `i-[0-9a-zA-Z]{17}`

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](#)

DataReplicationInfoReplicatedDisk

Request to query disks replicated.

Contents

backloggedStorageBytes

Request to query data replication backlog size in bytes.

Type: Long

Valid Range: Minimum value of 0.

Required: No

deviceName

Request to query device name.

Type: String

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

Required: No

replicatedStorageBytes

Request to query amount of data replicated in bytes.

Type: Long

Valid Range: Minimum value of 0.

Required: No

rescannedStorageBytes

Request to query amount of data rescanned in bytes.

Type: Long

Valid Range: Minimum value of 0.

Required: No

totalStorageBytes

Request to query total amount of data replicated in bytes.

Type: Long

Valid Range: Minimum value of 0.

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](#)

DataReplicationInitiation

Data replication initiation.

Contents

nextAttemptDateTime

Request to query next data initiation date and time.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

startDateTime

Request to query data initiation start date and time.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

steps

Request to query data initiation steps.

Type: Array of [DataReplicationInitiationStep](#) 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](#)

DataReplicationInitiationStep

Data replication initiation step.

Contents

name

Request to query data initiation step name.

Type: String

Valid Values: WAIT | CREATE_SECURITY_GROUP | LAUNCH_REPLICATION_SERVER | BOOT_REPLICATION_SERVER | AUTHENTICATE_WITH_SERVICE | DOWNLOAD_REPLICATION_SOFTWARE | CREATE_STAGING_DISKS | ATTACH_STAGING_DISKS | PAIR_REPLICATION_SERVER_WITH_AGENT | CONNECT_AGENT_TO_REPLICATION_SERVER | START_DATA_TRANSFER

Required: No

status

Request to query data initiation status.

Type: String

Valid Values: NOT_STARTED | IN_PROGRESS | SUCCEEDED | FAILED | SKIPPED

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](#)

DescribeJobsRequestFilters

Request to describe Job log filters.

Contents

fromDate

Request to describe Job log filters by date.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

jobIDs

Request to describe Job log filters by job ID.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 1000 items.

Length Constraints: Fixed length of 24.

Pattern: `mgnjob-[0-9a-zA-Z]{17}`

Required: No

toDate

Request to describe job log items by last date.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

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](#)

DescribeSourceServersRequestFilters

Request to filter Source Servers list.

Contents

applicationIDs

Request to filter Source Servers list by application IDs.

Type: Array of strings

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

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

Required: No

isArchived

Request to filter Source Servers list by archived.

Type: Boolean

Required: No

lifeCycleStates

Request to filter Source Servers list by life cycle states.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Valid Values: STOPPED | NOT_READY | READY_FOR_TEST | TESTING | READY_FOR_CUTOVER | CUTTING_OVER | CUTOVER | DISCONNECTED | DISCOVERED | PENDING_INSTALLATION

Required: No

replicationTypes

Request to filter Source Servers list by replication type.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Valid Values: AGENT_BASED | SNAPSHOT_SHIPPING

Required: No

sourceServerIDs

Request to filter Source Servers list by Source Server ID.

Type: Array of strings

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

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

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](#)

Disk

The disk identifier.

Contents

bytes

The amount of storage on the disk in bytes.

Type: Long

Valid Range: Minimum value of 0.

Required: No

deviceName

The disk or device name.

Type: String

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

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](#)

EnrichmentSourceS3Configuration

S3 configuration for the source import file to be enriched.

Contents

s3Bucket

The name of the S3 bucket containing the source import file.

Type: String

Pattern: `[a-zA-Z0-9.\-_]{1,255}`

Required: Yes

s3BucketOwner

The AWS account ID of the S3 bucket owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: Yes

s3Key

The S3 key (path) for the source import file.

Type: String

Pattern: `[^\x00]{1,1024}`

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](#)

EnrichmentTargetS3Configuration

S3 configuration for storing the enriched import file.

Contents

s3Bucket

The name of the S3 bucket where the enriched import file will be stored.

Type: String

Pattern: `[a-zA-Z0-9.\-_{1,255}`

Required: Yes

s3BucketOwner

The AWS account ID of the target S3 bucket owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.[0-9]{12,}.*`

Required: Yes

s3Key

The S3 key (path) where the enriched import file will be stored.

Type: String

Pattern: `[^\x00]{1,1024}`

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](#)

ErrorDetails

Error details.

Contents

code

Error details code.

Type: String

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

Required: No

message

Error details message.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

Required: No

resourceId

Error details resourceId.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

Required: No

resourceType

Error details resourceType.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

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](#)

ExportErrorData

Export errors data.

Contents

rawError

Export errors data raw error.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

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](#)

ExportTask

Export task.

Contents

arn

ExportTask arn.

Type: String

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

Required: No

creationDateTime

Export task creation datetime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

endDateTime

Export task end datetime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

exportID

Export task id.

Type: String

Length Constraints: Fixed length of 24.

Pattern: export-[0-9a-zA-Z]{17}

Required: No

progressPercentage

Export task progress percentage.

Type: Float

Required: No

s3Bucket

Export task s3 bucket.

Type: String

Pattern: [a-zA-Z0-9.\-_{1,255}

Required: No

s3BucketOwner

Export task s3 bucket owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: .*[0-9]{12,}.*

Required: No

s3Key

Export task s3 key.

Type: String

Pattern: [^\x00]{1,1020}\.csv

Required: No

status

Export task status.

Type: String

Valid Values: PENDING | STARTED | FAILED | SUCCEEDED

Required: No

summary

Export task summary.

Type: [ExportTaskSummary](#) object

Required: No

tags

Export task tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

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](#)

ExportTaskError

Export task error.

Contents

errorData

Export task error data.

Type: [ExportErrorData](#) object

Required: No

errorDateTime

Export task error datetime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

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](#)

ExportTaskSummary

Export task summary.

Contents

applicationsCount

Export task summary applications count.

Type: Long

Valid Range: Minimum value of 0.

Required: No

serversCount

Export task summary servers count.

Type: Long

Valid Range: Minimum value of 0.

Required: No

wavesCount

Export task summary waves count.

Type: Long

Valid Range: Minimum value of 0.

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](#)

IdentificationHints

Identification hints.

Contents

awsInstanceID

AWS Instance ID identification hint.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: `i-[0-9a-fA-F]{8,}`

Required: No

fqdn

FQDN address identification hint.

Type: String

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

Required: No

hostname

Hostname identification hint.

Type: String

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

Required: No

vmPath

vCenter VM path identification hint.

Type: String

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

Required: No

vmWareUuid

vmWare UUID identification hint.

Type: String

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

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](#)

ImportErrorData

Import error data.

Contents

accountID

Import error data source account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

applicationID

Import error data application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `app-[0-9a-zA-Z]{17}`

Required: No

ec2LaunchTemplateID

Import error data ec2 LaunchTemplate ID.

Type: String

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

Required: No

rawError

Import error data raw error.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

Required: No

rowNumber

Import error data row number.

Type: Long

Valid Range: Minimum value of 0.

Required: No

sourceServerID

Import error data source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: No

waveID

Import error data wave id.

Type: String

Length Constraints: Fixed length of 22.

Pattern: wave-[0-9a-zA-Z]{17}

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](#)

ImportFileEnrichment

Details about an import file enrichment job.

Contents

checksum

The checksum of the enriched file for integrity verification.

Type: [Checksum](#) object

Required: No

createdAt

The timestamp when the enrichment job was created.

Type: Timestamp

Required: No

endedAt

The timestamp when the enrichment job completed or failed.

Type: Timestamp

Required: No

jobID

The unique identifier of the import file enrichment job.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

s3BucketTarget

The target S3 configuration for the enriched import file.

Type: [EnrichmentTargetS3Configuration](#) object

Required: No

status

The current status of the import file enrichment job.

Type: String

Valid Values: PENDING | STARTED | FAILED | SUCCEEDED | SUCCEEDED_WITH_WARNINGS

Required: No

statusDetails

Detailed status information about the enrichment job.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

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](#)

ImportTask

Import task.

Contents

arn

ImportTask arn.

Type: String

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

Required: No

creationDateTime

Import task creation datetime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

endDateTime

Import task end datetime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

importID

Import task id.

Type: String

Length Constraints: Fixed length of 24.

Pattern: import-[0-9a-zA-Z]{17}

Required: No

progressPercentage

Import task progress percentage.

Type: Float

Required: No

s3BucketSource

Import task s3 bucket source.

Type: [S3BucketSource](#) object

Required: No

status

Import task status.

Type: String

Valid Values: PENDING | STARTED | FAILED | SUCCEEDED

Required: No

summary

Import task summary.

Type: [ImportTaskSummary](#) object

Required: No

tags

Import task tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

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](#)

ImportTaskError

Import task error.

Contents

errorData

Import task error data.

Type: [ImportErrorData](#) object

Required: No

errorDateTime

Import task error datetime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

errorType

Import task error type.

Type: String

Valid Values: `VALIDATION_ERROR | PROCESSING_ERROR`

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](#)

ImportTaskSummary

Import task summary.

Contents

applications

Import task summary applications.

Type: [ImportTaskSummaryApplications](#) object

Required: No

servers

Import task summary servers.

Type: [ImportTaskSummaryServers](#) object

Required: No

waves

Import task summary waves.

Type: [ImportTaskSummaryWaves](#) 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](#)

ImportTaskSummaryApplications

Import task summary applications.

Contents

createdCount

Import task summary applications created count.

Type: Long

Valid Range: Minimum value of 0.

Required: No

modifiedCount

Import task summary applications modified count.

Type: Long

Valid Range: Minimum value of 0.

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](#)

ImportTaskSummaryServers

Import task summary servers.

Contents

createdCount

Import task summary servers created count.

Type: Long

Valid Range: Minimum value of 0.

Required: No

modifiedCount

Import task summary servers modified count.

Type: Long

Valid Range: Minimum value of 0.

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](#)

ImportTaskSummaryWaves

Import task summery waves.

Contents

createdCount

Import task summery waves created count.

Type: Long

Valid Range: Minimum value of 0.

Required: No

modifiedCount

Import task summery waves modified count.

Type: Long

Valid Range: Minimum value of 0.

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](#)

Job

Job.

Contents

jobID

Job ID.

Type: String

Length Constraints: Fixed length of 24.

Pattern: mgnjob-[0-9a-zA-Z]{17}

Required: Yes

arn

the ARN of the specific Job.

Type: String

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

Required: No

creationDateTime

Job creation time.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: [1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|12[0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z

Required: No

endDateTime

Job end time.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|12[0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

initiatedBy

Job initiated by field.

Type: String

Valid Values: START_TEST | START_CUTOVER | DIAGNOSTIC | TERMINATE

Required: No

participatingServers

Servers participating in a specific Job.

Type: Array of [ParticipatingServer](#) objects

Required: No

status

Job status.

Type: String

Valid Values: PENDING | STARTED | COMPLETED

Required: No

tags

Tags associated with specific Job.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

type

Job type.

Type: String

Valid Values: LAUNCH | TERMINATE

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](#)

JobLog

Job log.

Contents

event

Job log event.

Type: String

Valid Values: JOB_START | SERVER_SKIPPED | CLEANUP_START | CLEANUP_END
| CLEANUP_FAIL | SNAPSHOT_START | SNAPSHOT_END | SNAPSHOT_FAIL
| USING_PREVIOUS_SNAPSHOT | CONVERSION_START | CONVERSION_END |
CONVERSION_FAIL | LAUNCH_START | LAUNCH_FAILED | JOB_CANCEL | JOB_END

Required: No

eventData

Job event data

Type: [JobLogEventData](#) object

Required: No

logDateTime

Job log event date and time.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: [1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|
2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z

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](#)

JobLogEventData

Job log data

Contents

attemptCount

Retries for this operation.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

conversionServerID

Job Event conversion Server ID.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: `i-[0-9a-fA-F]{8,}`

Required: No

maxAttemptsCount

The maximum number of retries that will be attempted if this operation failed.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

rawError

Job error.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

Required: No

sourceServerID

Job Event Source Server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: No

targetInstanceID

Job Event Target instance ID.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: i-[0-9a-fA-F]{8,}

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](#)

JobPostLaunchActionsLaunchStatus

Launch Status of the Job Post Launch Actions.

Contents

executionID

AWS Systems Manager Document's execution ID of the of the Job Post Launch Actions.

Type: String

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

Required: No

executionStatus

AWS Systems Manager Document's execution status.

Type: String

Valid Values: IN_PROGRESS | SUCCESS | FAILED

Required: No

failureReason

AWS Systems Manager Document's failure reason.

Type: String

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

Required: No

ssmDocument

AWS Systems Manager's Document of the of the Job Post Launch Actions.

Type: [SsmDocument](#) object

Required: No

ssmDocumentType

AWS Systems Manager Document type.

Type: String

Valid Values: AUTOMATION | COMMAND

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](#)

LaunchConfigurationTemplate

Contents

launchConfigurationTemplateID

ID of the Launch Configuration Template.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `1ct-[0-9a-zA-Z]{17}`

Required: Yes

arn

ARN of the Launch Configuration Template.

Type: String

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

Required: No

associatePublicIpAddress

Associate public Ip address.

Type: Boolean

Required: No

bootMode

Launch configuration template boot mode.

Type: String

Valid Values: `LEGACY_BIOS` | `UEFI` | `USE_SOURCE`

Required: No

copyPrivateIp

Copy private Ip.

Type: Boolean

Required: No

copyTags

Copy tags.

Type: Boolean

Required: No

ec2LaunchTemplateID

EC2 launch template ID.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `1t-[0-9a-z]{17}`

Required: No

enableMapAutoTagging

Enable map auto tagging.

Type: Boolean

Required: No

enableParametersEncryption

Enable parameters encryption.

Type: Boolean

Required: No

largeVolumeConf

Large volume config.

Type: [LaunchTemplateDiskConf](#) object

Required: No

launchDisposition

Launch disposition.

Type: String

Valid Values: STOPPED | STARTED

Required: No

licensing

Configure Licensing.

Type: [Licensing](#) object

Required: No

mapAutoTaggingMpeID

Launch configuration template map auto tagging MPE ID.

Type: String

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

Required: No

parametersEncryptionKey

Parameters encryption key.

Type: String

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

Required: No

postLaunchActions

Post Launch Actions of the Launch Configuration Template.

Type: [PostLaunchActions](#) object

Required: No

smallVolumeConf

Small volume config.

Type: [LaunchTemplateDiskConf](#) object

Required: No

smallVolumeMaxSize

Small volume maximum size.

Type: Long

Valid Range: Minimum value of 0.

Required: No

tags

Tags of the Launch Configuration Template.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

targetInstanceTypeRightSizingMethod

Target instance type right-sizing method.

Type: String

Valid Values: NONE | BASIC

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](#)

LaunchedInstance

Launched instance.

Contents

ec2InstanceID

Launched instance EC2 ID.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: `i-[0-9a-fA-F]{8,}`

Required: No

firstBoot

Launched instance first boot.

Type: String

Valid Values: WAITING | SUCCEEDED | UNKNOWN | STOPPED

Required: No

jobID

Launched instance Job ID.

Type: String

Length Constraints: Fixed length of 24.

Pattern: `mgnjob-[0-9a-zA-Z]{17}`

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](#)

LaunchTemplateDiskConf

Launch template disk configuration.

Contents

iops

Launch template disk iops configuration.

Type: Long

Valid Range: Minimum value of 100. Maximum value of 64000.

Required: No

throughput

Launch template disk throughput configuration.

Type: Long

Valid Range: Minimum value of 125. Maximum value of 1000.

Required: No

volumeType

Launch template disk volume type configuration.

Type: String

Valid Values: `io1` | `io2` | `gp3` | `gp2` | `st1` | `sc1` | `standard`

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](#)

Licensing

Configure Licensing.

Contents

osByol

Configure BYOL OS licensing.

Type: Boolean

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](#)

LifeCycle

Lifecycle.

Contents

addedToServiceDateTime

Lifecycle added to service data and time.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

elapsedReplicationDuration

Lifecycle elapsed time and duration.

Type: String

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

Required: No

firstByteDateTime

Lifecycle replication initiation date and time.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

lastCutover

Lifecycle last Cutover.

Type: [LifeCycleLastCutover](#) object

Required: No

lastSeenByServiceDateTime

Lifecycle last seen date and time.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

lastTest

Lifecycle last Test.

Type: [LifeCycleLastTest](#) object

Required: No

state

Lifecycle state.

Type: String

Valid Values: STOPPED | NOT_READY | READY_FOR_TEST | TESTING | READY_FOR_CUTOVER | CUTTING_OVER | CUTOVER | DISCONNECTED | DISCOVERED | PENDING_INSTALLATION

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](#)

LifeCycleLastCutover

Lifecycle last Cutover .

Contents

finalized

Lifecycle Cutover finalized date and time.

Type: [LifeCycleLastCutoverFinalized](#) object

Required: No

initiated

Lifecycle last Cutover initiated.

Type: [LifeCycleLastCutoverInitiated](#) object

Required: No

reverted

Lifecycle last Cutover reverted.

Type: [LifeCycleLastCutoverReverted](#) 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](#)

LifeCycleLastCutoverFinalized

Lifecycle Cutover finalized

Contents

apiCallDateTime

Lifecycle Cutover finalized date and time.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

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](#)

LifeCycleLastCutoverInitiated

Lifecycle last Cutover initiated.

Contents

apiCallDateTime

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

jobID

Lifecycle last Cutover initiated by Job ID.

Type: String

Length Constraints: Fixed length of 24.

Pattern: `mgnjob-[0-9a-zA-Z]{17}`

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](#)

LifeCycleLastCutoverReverted

Lifecycle last Cutover reverted.

Contents

apiCallDateTime

Lifecycle last Cutover reverted API call date time.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

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](#)

LifeCycleLastTest

Lifecycle last Test.

Contents

finalized

Lifecycle last Test finalized.

Type: [LifeCycleLastTestFinalized](#) object

Required: No

initiated

Lifecycle last Test initiated.

Type: [LifeCycleLastTestInitiated](#) object

Required: No

reverted

Lifecycle last Test reverted.

Type: [LifeCycleLastTestReverted](#) 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](#)

LifeCycleLastTestFinalized

Lifecycle last Test finalized.

Contents

apiCallDateTime

Lifecycle Test failed API call date and time.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

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](#)

LifeCycleLastTestInitiated

Lifecycle last Test initiated.

Contents

apiCallDateTime

Lifecycle last Test initiated API call date and time.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

jobID

Lifecycle last Test initiated Job ID.

Type: String

Length Constraints: Fixed length of 24.

Pattern: `mgnjob-[0-9a-zA-Z]{17}`

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](#)

LifeCycleLastTestReverted

Lifecycle last Test reverted.

Contents

apiCallDateTime

Lifecycle last Test reverted API call date and time.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

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](#)

ListApplicationsRequestFilters

Applications list filters.

Contents

applicationIDs

Filter applications list by application ID.

Type: Array of strings

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

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

Required: No

isArchived

Filter applications list by archival status.

Type: Boolean

Required: No

waveIDs

Filter applications list by wave ID.

Type: Array of strings

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

Length Constraints: Fixed length of 22.

Pattern: wave-[0-9a-zA-Z]{17}

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](#)

ListConnectorsRequestFilters

List Connectors Request Filters.

Contents

connectorIDs

List Connectors Request Filters connector IDs.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Length Constraints: Fixed length of 27.

Pattern: connector-[0-9a-zA-Z]{17}

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](#)

ListExportsRequestFilters

List exports request filters.

Contents

exportIDs

List exports request filters export ids.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Fixed length of 24.

Pattern: `export-[0-9a-zA-Z]{17}`

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](#)

ListImportFileEnrichmentsFilters

Filters for listing import file enrichment jobs.

Contents

jobIDs

A list of job IDs to filter by.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

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](#)

ListImportsRequestFilters

List imports request filters.

Contents

importIDs

List imports request filters import IDs.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Fixed length of 24.

Pattern: `import-[0-9a-zA-Z]{17}`

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](#)

ListNetworkMigrationAnalysesFilters

Filters for listing network migration analysis jobs.

Contents

jobIDs

A list of job IDs to filter by.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

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](#)

ListNetworkMigrationAnalysisResultsFilters

Filters for listing network migration analysis results.

Contents

vpcIDs

A list of VPC IDs to filter results by.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Pattern: vpc-([0-9a-f]){8}(([0-9a-f]){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](#)

ListNetworkMigrationCodeGenerationSegmentsFilters

Filters for listing code generation segments.

Contents

segmentIDs

A list of segment IDs to filter by.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

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](#)

ListNetworkMigrationCodeGenerationsFilters

Filters for listing code generation jobs.

Contents

jobIDs

A list of job IDs to filter by.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

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](#)

ListNetworkMigrationDefinitionsRequestFilters

Filters for listing network migration definitions.

Contents

networkMigrationDefinitionIDs

A list of definition IDs to filter by.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

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](#)

ListNetworkMigrationDeployerJobFilters

Filters for listing deployer jobs.

Contents

jobIDs

A list of job IDs to filter by.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

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](#)

ListNetworkMigrationExecutionRequestFilters

Filters for listing network migration executions.

Contents

networkMigrationExecutionIDs

A list of execution IDs to filter by.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

networkMigrationExecutionStatuses

A list of execution statuses to filter by.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Valid Values: PENDING | STARTED | SUCCEEDED | FAILED

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](#)

ListNetworkMigrationMapperSegmentConstructsFilters

Filters for listing mapper segment constructs.

Contents

constructIDs

A list of construct IDs to filter by.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

constructTypes

A list of construct types to filter by.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Minimum length of 0. Maximum length of 24.

Pattern: `AWS : : ([A-Z\d]){2,10} : : [a-zA-Z\d]{2,30}`

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](#)

ListNetworkMigrationMapperSegmentsFilters

Filters for listing mapper segments.

Contents

segmentIDs

A list of segment IDs to filter by.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

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](#)

ListNetworkMigrationMappingsFilters

Filters for listing network migration mapping jobs.

Contents

jobIDs

A list of job IDs to filter by.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

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](#)

ListNetworkMigrationMappingUpdatesFilters

Filters for listing mapping update jobs.

Contents

jobIDs

A list of job IDs to filter by.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

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](#)

ListWavesRequestFilters

Waves list filters.

Contents

isArchived

Filter waves list by archival status.

Type: Boolean

Required: No

waveIDs

Filter waves list by wave ID.

Type: Array of strings

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

Length Constraints: Fixed length of 22.

Pattern: wave-[0-9a-zA-Z]{17}

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](#)

ManagedAccount

Managed account.

Contents

accountId

Managed account, account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

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](#)

NetworkInterface

Network interface.

Contents

ips

Network interface IPs.

Type: Array of strings

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

Required: No

isPrimary

Network interface primary IP.

Type: Boolean

Required: No

macAddress

Network interface Mac address.

Type: String

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

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](#)

NetworkMigrationAnalysisJobDetails

Details about a network migration analysis job.

Contents

createdAt

The timestamp when the job was created.

Type: Timestamp

Required: No

endedAt

The timestamp when the job completed or failed.

Type: Timestamp

Required: No

jobID

The unique identifier of the analysis job.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `nmd-[0-9a-zA-Z]{17}`

Required: No

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

status

The current status of the analysis job.

Type: String

Valid Values: PENDING | STARTED | SUCCEEDED | FAILED

Required: No

statusDetails

Detailed status information about the job.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

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](#)

NetworkMigrationAnalysisResult

The result of a network migration analysis operation.

Contents

analysisResult

The detailed analysis findings and recommendations.

Type: String

Required: No

analyzerType

The type of analyzer that generated this result.

Type: String

Valid Values: REACHABILITY_ANALYZER

Required: No

jobID

The unique identifier of the analysis job that generated this result.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `nmd-[0-9a-zA-Z]{17}`

Required: No

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

source

The source resource that was analyzed.

Type: [NetworkMigrationAnalysisResultSource](#) object

Required: No

status

The status of the analysis result.

Type: String

Valid Values: PENDING | STARTED | SUCCEEDED | FAILED

Required: No

target

The target resource in the analysis.

Type: [NetworkMigrationAnalysisResultTarget](#) 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](#)

NetworkMigrationAnalysisResultSource

The source resource information for an analysis result.

Contents

subnetID

The subnet ID of the source resource.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: subnet-[0-9a-fA-F]{8,}

Required: No

vpcID

The VPC ID of the source resource.

Type: String

Pattern: vpc-([0-9a-f]){8}(([0-9a-f]){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](#)

NetworkMigrationAnalysisResultTarget

The target resource information for an analysis result.

Contents

subnetID

The subnet ID of the target resource.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: subnet-[0-9a-fA-F]{8,}

Required: No

vpcID

The VPC ID of the target resource.

Type: String

Pattern: vpc-([0-9a-f]){8}(([0-9a-f]){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](#)

NetworkMigrationCodeGenerationArtifact

An artifact generated during code generation, such as a CloudFormation template or Terraform file.

Contents

artifactID

The unique identifier of the artifact.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

artifactSubType

The sub-type of the artifact for further classification.

Type: String

Valid Values: APPLICATION | NESTED_STACK | STACK

Required: No

artifactType

The type of the artifact, such as CLOUDFORMATION_TEMPLATE or TERRAFORM_MODULE.

Type: String

Valid Values: CDK_TYPESCRIPT | CLOUDFORMATION_TEMPLATE | CDKTF_TYPESCRIPT | TERRAFORM_CONFIGURATION | CDK_L2_TYPESCRIPT

Required: No

checksum

The checksum of the artifact for integrity verification.

Type: [Checksum](#) object

Required: No

createdAt

The timestamp when the artifact was created.

Type: Timestamp

Required: No

logicalID

The logical identifier for the artifact.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z][a-zA-Z0-9-]*`

Required: No

outputS3Configuration

The S3 location where the artifact is stored.

Type: [S3Configuration](#) 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](#)

NetworkMigrationCodeGenerationJobDetails

Details about a network migration code generation job.

Contents

codeGenerationOutputFormatStatusDetailsMap

A map of output format types to their status details.

Type: String to [CodeGenerationOutputFormatStatusDetails](#) object map

Map Entries: Minimum number of 0 items. Maximum number of 10 items.

Valid Keys: CDK_L1 | CDK_L2 | TERRAFORM | LZA

Required: No

createdAt

The timestamp when the job was created.

Type: Timestamp

Required: No

endedAt

The timestamp when the job completed or failed.

Type: Timestamp

Required: No

jobID

The unique identifier of the code generation job.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: No

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: No

status

The current status of the code generation job.

Type: String

Valid Values: PENDING | STARTED | SUCCEEDED | FAILED

Required: No

statusDetails

Detailed status information about the job.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

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](#)

NetworkMigrationCodeGenerationSegment

A segment of generated code representing a logical grouping of infrastructure resources.

Contents

artifacts

A list of artifacts generated for this segment.

Type: Array of [NetworkMigrationCodeGenerationArtifact](#) objects

Required: No

createdAt

The timestamp when the segment was created.

Type: Timestamp

Required: No

jobID

The unique identifier of the code generation job.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

logicalID

The logical identifier for the segment.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z][a-zA-Z0-9-]*`

Required: No

mapperSegmentID

The ID of the mapper segment that this code generation segment was created from.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: No

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: No

segmentID

The unique identifier of the segment.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: No

segmentType

The type of the segment.

Type: String

Valid Values: WORKLOAD | APPLIANCE | NETWORK

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](#)

NetworkMigrationDefinitionSummary

A summary of a network migration definition.

Contents

arn

The Amazon Resource Name (ARN) of the network migration definition.

Type: String

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

Required: No

name

The name of the network migration definition.

Type: String

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

Pattern: `[\s\x00](*[\s\x00])*`

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `nmd-[0-9a-zA-Z]{17}`

Required: No

scopeTags

Scope tags for the network migration definition.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 40 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z0-9\s+\-\=._:/@]*

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

Value Pattern: [a-zA-Z0-9\s+\-\=._:/@]*

Required: No

sourceEnvironment

The source environment configuration.

Type: String

Valid Values: NSX | VSPHERE | FORTIGATE_FIREWALL | PALO_ALTO_FIREWALL | CISCO_ACI | LOGICAL_MODEL | MODELIZE_IT

Required: No

tags

Tags assigned to the network migration definition.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

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](#)

NetworkMigrationDeployedStackDetails

Details about a CloudFormation stack that has been deployed as part of the network migration.

Contents

failedResources

A list of resources that failed to deploy.

Type: Array of [NetworkMigrationFailedResourceDetails](#) objects

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Required: No

segmentID

The ID of the segment that this stack was deployed for.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

stackLogicalID

The logical ID of the stack.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z][a-zA-Z0-9-]*`

Required: No

stackPhysicalID

The physical ID of the CloudFormation stack.

Type: String

Length Constraints: Minimum length of 86. Maximum length of 128.

Pattern: `arn:aws:cloudformation:[a-z0-9-]+:[0-9]{12}:stack/[a-zA-Z0-9-]+/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: No

status

The current status of the deployed stack.

Type: String

Valid Values: CREATE_COMPLETE | CREATE_FAILED | CREATE_STARTED | DELETE_COMPLETE | DELETE_FAILED | DELETE_STARTED

Required: No

targetAccount

The target AWS account where the stack was deployed.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12},.*`

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](#)

NetworkMigrationDeployerJobDetails

Details about a network migration deployer job.

Contents

createdAt

The timestamp when the job was created.

Type: Timestamp

Required: No

endedAt

The timestamp when the job completed or failed.

Type: Timestamp

Required: No

jobID

The unique identifier of the deployer job.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: No

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

status

The current status of the deployer job.

Type: String

Valid Values: PENDING | STARTED | SUCCEEDED | FAILED

Required: No

statusDetails

Detailed status information about the job.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

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](#)

NetworkMigrationExecution

Details about a network migration execution instance.

Contents

activity

The current activity being performed in the execution.

Type: String

Valid Values: MAPPING | MAPPING_UPDATE | CODE_GENERATION | DEPLOY | DEPLOYED_STACKS_DELETION | ANALYZE

Required: No

createdAt

The timestamp when the execution was created.

Type: Timestamp

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition used by this execution.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: No

networkMigrationExecutionID

The unique identifier of the execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: No

stage

The current stage of the execution in the migration workflow.

Type: String

Valid Values: MAPPING | CODE_GENERATION | DEPLOY | DEPLOYED_STACKS_DELETION
| ANALYZE

Required: No

status

The current status of the execution.

Type: String

Valid Values: PENDING | STARTED | SUCCEEDED | FAILED

Required: No

tags

Tags assigned to the execution.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

updatedAt

The timestamp when the execution was last updated.

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](#)

NetworkMigrationFailedResourceDetails

Details about a resource that failed to deploy.

Contents

logicalID

The logical ID of the failed resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z][a-zA-Z0-9-]*`

Required: No

status

The status of the failed resource.

Type: String

Valid Values: `CREATE_FAILED` | `DELETE_FAILED`

Required: No

statusReason

The reason why the resource failed.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

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](#)

NetworkMigrationMapperSegment

Contents

checksum

The checksum of the segment data for integrity verification.

Type: [Checksum](#) object

Required: No

createdAt

The timestamp when the segment was created.

Type: Timestamp

Required: No

description

A description of the segment.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[^\x00]*`

Required: No

jobID

The unique identifier of the job that created this segment.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

logicalID

The logical identifier for the segment in the infrastructure code.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z][a-zA-Z0-9-]*

Required: No

name

The name of the segment.

Type: String

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

Pattern: [^\s\x00](* [^\s\x00])*

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: nmd-[0-9a-zA-Z]{17}

Required: No

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

Required: No

outputS3Configuration

The S3 location where segment artifacts are stored.

Type: [S3Configuration](#) object

Required: No

referencedSegments

A list of other segments that this segment depends on or references.

Type: Array of strings

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

scopeTags

Scope tags for the segment.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 40 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z0-9\s+\-=_:/@]*`

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

Value Pattern: `[a-zA-Z0-9\s+\-=_:/@]*`

Required: No

segmentID

The unique identifier of the segment.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

segmentType

The type of the segment, such as VPC, subnet, or security group.

Type: String

Valid Values: WORKLOAD | APPLIANCE

Required: No

targetAccount

The target AWS account where this segment will be deployed.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: No

updatedAt

The timestamp when the segment was last updated.

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](#)

NetworkMigrationMapperSegmentConstruct

Represents a construct within a mapper segment. A construct is an individual infrastructure component such as a VPC, subnet, security group, route table, or other network resource that is part of the network migration.

Contents

constructID

The unique identifier of the construct.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

constructType

The type of the construct, such as VPC, subnet, security group, or route table.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 24.

Pattern: `AWS : : ([A-Z\d]){2,10} : : [a-zA-Z\d]{2,30}`

Required: No

createdAt

The timestamp when the construct was created.

Type: Timestamp

Required: No

description

A description of the construct.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[^\x00]*`

Required: No

logicalID

The logical identifier for the construct in the infrastructure code.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z][a-zA-Z0-9-]*`

Required: No

name

The name of the construct.

Type: String

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

Pattern: `[\s\x00](*[\s\x00])*`

Required: No

properties

The properties and configuration of the construct.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 0. Maximum length of 24.

Value Length Constraints: Minimum length of 0. Maximum length of 65536.

Required: No

updatedAt

The timestamp when the construct was last updated.

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](#)

NetworkMigrationMappingJobDetails

Details about a network migration mapping job.

Contents

createdAt

The timestamp when the job was created.

Type: Timestamp

Required: No

endedAt

The timestamp when the job completed or failed.

Type: Timestamp

Required: No

jobID

The unique identifier of the mapping job.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `nmd-[0-9a-zA-Z]{17}`

Required: No

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

status

The current status of the mapping job.

Type: String

Valid Values: PENDING | STARTED | SUCCEEDED | FAILED

Required: No

statusDetails

Detailed status information about the job.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

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](#)

NetworkMigrationMappingUpdateJobDetails

Details about a network migration mapping update job.

Contents

createdAt

The timestamp when the job was created.

Type: Timestamp

Required: No

endedAt

The timestamp when the job completed or failed.

Type: Timestamp

Required: No

jobID

The unique identifier of the mapping update job.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

networkMigrationDefinitionID

The unique identifier of the network migration definition.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `nmd-[0-9a-zA-Z]{17}`

Required: No

networkMigrationExecutionID

The unique identifier of the network migration execution.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: No

status

The current status of the mapping update job.

Type: String

Valid Values: PENDING | STARTED | SUCCEEDED | FAILED

Required: No

statusDetails

Detailed status information about the job.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

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](#)

OperationUnion

A union type representing the operation to perform on a construct during a mapping update.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

update

An update operation to modify construct properties.

Type: [UpdateOperation](#) 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](#)

OS

Operating System.

Contents

fullString

OS full string.

Type: String

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

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](#)

ParticipatingServer

Server participating in Job.

Contents

sourceServerID

Participating server Source Server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: Yes

launchedEc2InstanceID

Participating server's launched ec2 instance ID.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: i-[0-9a-fA-F]{8,}

Required: No

launchStatus

Participating server launch status.

Type: String

Valid Values: PENDING | IN_PROGRESS | LAUNCHED | FAILED | TERMINATED

Required: No

postLaunchActionsStatus

Participating server's Post Launch Actions Status.

Type: [PostLaunchActionsStatus](#) 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](#)

PostLaunchActions

Post Launch Actions to executed on the Test or Cutover instance.

Contents

cloudWatchLogGroupName

AWS Systems Manager Command's CloudWatch log group name.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

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

Required: No

deployment

Deployment type in which AWS Systems Manager Documents will be executed.

Type: String

Valid Values: TEST_AND_CUTOVER | CUTOVER_ONLY | TEST_ONLY

Required: No

s3LogBucket

AWS Systems Manager Command's logs S3 log bucket.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Required: No

s3OutputKeyPrefix

AWS Systems Manager Command's logs S3 output key prefix.

Type: String

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

Required: No

ssmDocuments

AWS Systems Manager Documents.

Type: Array of [SsmDocument](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

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](#)

PostLaunchActionsStatus

Status of the Post Launch Actions running on the Test or Cutover instance.

Contents

postLaunchActionsLaunchStatusList

List of Post Launch Action status.

Type: Array of [JobPostLaunchActionsLaunchStatus](#) objects

Required: No

ssmAgentDiscoveryDatetime

Time where the AWS Systems Manager was detected as running on the Test or Cutover instance.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

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](#)

ReplicationConfigurationReplicatedDisk

Replication Configuration replicated disk.

Contents

deviceName

Replication Configuration replicated disk device name.

Type: String

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

Required: No

iops

Replication Configuration replicated disk IOPs.

Type: Long

Valid Range: Minimum value of 0.

Required: No

isBootDisk

Replication Configuration replicated disk boot disk.

Type: Boolean

Required: No

stagingDiskType

Replication Configuration replicated disk staging disk type.

Type: String

Valid Values: AUTO | GP2 | I01 | SC1 | ST1 | STANDARD | GP3 | I02 | FSX_ONTAP

Required: No

throughput

Replication Configuration replicated disk throughput.

Type: Long

Valid Range: Minimum value of 0.

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](#)

ReplicationConfigurationTemplate

Contents

replicationConfigurationTemplateID

Replication Configuration template ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `rcct-[0-9a-zA-Z]{17}`

Required: Yes

arn

Replication Configuration template ARN.

Type: String

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

Required: No

associateDefaultSecurityGroup

Replication Configuration template associate default Application Migration Service Security group.

Type: Boolean

Required: No

bandwidthThrottling

Replication Configuration template bandwidth throttling.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 10000.

Required: No

createPublicIP

Replication Configuration template create Public IP.

Type: Boolean

Required: No

dataPlaneRouting

Replication Configuration template data plane routing.

Type: String

Valid Values: PRIVATE_IP | PUBLIC_IP

Required: No

defaultLargeStagingDiskType

Replication Configuration template use default large Staging Disk type.

Type: String

Valid Values: GP2 | ST1 | GP3

Required: No

ebsEncryption

Replication Configuration template EBS encryption.

Type: String

Valid Values: DEFAULT | CUSTOM

Required: No

ebsEncryptionKeyArn

Replication Configuration template EBS encryption key ARN.

Type: String

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

Required: No

internetProtocol

Replication Configuration template internet protocol.

Type: String

Valid Values: IPV4 | IPV6

Required: No

replicationServerInstanceType

Replication Configuration template server instance type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Required: No

replicationServersSecurityGroupsIDs

Replication Configuration template server Security Groups IDs.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 32 items.

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: sg-[0-9a-fA-F]{8,}

Required: No

stagingAreaSubnetId

Replication Configuration template Staging Area subnet ID.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: subnet-[0-9a-fA-F]{8,}

Required: No

stagingAreaTags

Replication Configuration template Staging Area Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

storeSnapshotOnLocalZone

Replication Configuration template store snapshot on local zone.

Type: Boolean

Required: No

tags

Replication Configuration template Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

useDedicatedReplicationServer

Replication Configuration template use Dedicated Replication Server.

Type: Boolean

Required: No

useFipsEndpoint

Replication Configuration template use Fips Endpoint.

Type: Boolean

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](#)

S3BucketSource

S3 bucket source.

Contents

s3Bucket

S3 bucket source s3 bucket.

Type: String

Pattern: `[a-zA-Z0-9.\-_{1,255}`

Required: Yes

s3Key

S3 bucket source s3 key.

Type: String

Pattern: `[^\x00]{1,1020}\.csv`

Required: Yes

s3BucketOwner

S3 bucket source s3 bucket owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

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](#)

S3Configuration

Configuration for an S3 location.

Contents

s3Bucket

The name of the S3 bucket.

Type: String

Pattern: `[a-zA-Z0-9.\-_{1,255}`

Required: No

s3BucketOwner

The AWS account ID of the S3 bucket owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.[0-9]{12,}.*`

Required: No

s3Key

The S3 key (path) for the object.

Type: String

Pattern: `[^\x00]{1,1024}`

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](#)

SourceConfiguration

Configuration for a migration source environment.

Contents

sourceEnvironment

The source environment type.

Type: String

Valid Values: NSX | VSPHERE | FORTIGATE_FIREWALL | PALO_ALTO_FIREWALL | CISCO_ACI | LOGICAL_MODEL | MODELIZE_IT

Required: Yes

sourceS3Configuration

The S3 configuration for the source data.

Type: [SourceS3Configuration](#) object

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](#)

SourceProperties

Source server properties.

Contents

cpus

Source Server CPUs.

Type: Array of [CPU](#) objects

Array Members: Minimum number of 0 items. Maximum number of 256 items.

Required: No

disks

Source Server disks.

Type: Array of [Disk](#) objects

Array Members: Minimum number of 0 items. Maximum number of 1000 items.

Required: No

identificationHints

Source server identification hints.

Type: [IdentificationHints](#) object

Required: No

lastUpdatedDateTime

Source server last update date and time.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

networkInterfaces

Source server network interfaces.

Type: Array of [NetworkInterface](#) objects

Array Members: Minimum number of 0 items. Maximum number of 32 items.

Required: No

os

Source server OS.

Type: [OS](#) object

Required: No

ramBytes

Source server RAM in bytes.

Type: Long

Valid Range: Minimum value of 0.

Required: No

recommendedInstanceType

Source server recommended instance type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

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](#)

SourceS3Configuration

S3 configuration for source network data.

Contents

s3Bucket

The name of the S3 bucket containing source data.

Type: String

Pattern: `[a-zA-Z0-9.\-_]{1,255}`

Required: Yes

s3BucketOwner

The AWS account ID of the S3 bucket owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

Required: Yes

s3Key

The S3 key (path) for the source data.

Type: String

Pattern: `[^\x00]{1,1024}`

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](#)

SourceServer

Contents

applicationID

Source server application ID.

Type: String

Length Constraints: Fixed length of 21.

Pattern: app-[0-9a-zA-Z]{17}

Required: No

arn

Source server ARN.

Type: String

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

Required: No

connectorAction

Source Server connector action.

Type: [SourceServerConnectorAction](#) object

Required: No

dataReplicationInfo

Source server data replication info.

Type: [DataReplicationInfo](#) object

Required: No

fqdnForActionFramework

Source server fqdn for action framework.

Type: String

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

Required: No

isArchived

Source server archived status.

Type: Boolean

Required: No

launchedInstance

Source server launched instance.

Type: [LaunchedInstance](#) object

Required: No

lifeCycle

Source server lifecycle state.

Type: [LifeCycle](#) object

Required: No

replicationType

Source server replication type.

Type: String

Valid Values: AGENT_BASED | SNAPSHOT_SHIPPING

Required: No

sourceProperties

Source server properties.

Type: [SourceProperties](#) object

Required: No

sourceServerID

Source server ID.

Type: String

Length Constraints: Fixed length of 19.

Pattern: s-[0-9a-zA-Z]{17}

Required: No

tags

Source server Tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

userProvidedID

Source server user provided ID.

Type: String

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

Pattern: [^\s\x00](* [^\s\x00])*

Required: No

vcenterClientID

Source server vCenter client id.

Type: String

Length Constraints: Fixed length of 21.

Pattern: vcc-[0-9a-zA-Z]{17}

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](#)

SourceServerActionDocument

Contents

actionID

Source server post migration custom action ID.

Type: String

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

Pattern: `.*[0-9a-zA-Z]`

Required: No

actionName

Source server post migration custom action name.

Type: String

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

Pattern: `^[^s\x00](*[^s\x00])*`

Required: No

active

Source server post migration custom action active status.

Type: Boolean

Required: No

category

Source server post migration custom action category.

Type: String

Valid Values: DISASTER_RECOVERY | OPERATING_SYSTEM | LICENSE_AND_SUBSCRIPTION | VALIDATION | OBSERVABILITY | REFACTORING | SECURITY | NETWORKING | CONFIGURATION | BACKUP | OTHER

Required: No

description

Source server post migration custom action description.

Type: String

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

Pattern: [0-9a-zA-Z ():/.,' -_#*;]*

Required: No

documentIdentifier

Source server post migration custom action document identifier.

Type: String

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

Required: No

documentVersion

Source server post migration custom action document version.

Type: String

Pattern: (\\$DEFAULT|\\$LATEST|[0-9]+)

Required: No

externalParameters

Source server post migration custom action external parameters.

Type: String to [SsmExternalParameter](#) object map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 1011.

Key Pattern: ([A-Za-z0-9])+

Required: No

mustSucceedForCutover

Source server post migration custom action must succeed for cutover.

Type: Boolean

Required: No

order

Source server post migration custom action order.

Type: Integer

Valid Range: Minimum value of 1001. Maximum value of 10000.

Required: No

parameters

Source server post migration custom action parameters.

Type: String to array of [SsmParameterStoreParameter](#) objects map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 1011.

Key Pattern: ([A-Za-z0-9])+

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

timeoutSeconds

Source server post migration custom action timeout in seconds.

Type: Integer

Valid Range: Minimum value of 1.

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](#)

SourceServerActionsRequestFilters

Source server post migration custom action filters.

Contents

actionIDs

Action IDs to filter source server post migration custom actions by.

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 64.

Pattern: `.*[0-9a-zA-Z]`

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](#)

SourceServerConnectorAction

Source Server connector action.

Contents

connectorArn

Source Server connector action connector arn.

Type: String

Length Constraints: Minimum length of 27. Maximum length of 100.

Pattern: `arn:[\w-]+:mgn:([a-z]{2}-(gov-)?[a-z]+-\d{1})?: (\d{12})?:connector-[\d-9a-zA-Z]{17}`

Required: No

credentialsSecretArn

Source Server connector action credentials secret arn.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 100.

Pattern: `arn:[\w-]+:secretsmanager:([a-z]{2}-(gov-)?[a-z]+-\d{1})?: (\d{12})?:secret:(.+)`

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](#)

SsmDocument

AWS Systems Manager Document.

Contents

actionName

User-friendly name for the AWS Systems Manager Document.

Type: String

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

Required: Yes

ssmDocumentName

AWS Systems Manager Document name or full ARN.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 172.

Pattern: ([A-Za-z0-9/:_\. -])+

Required: Yes

externalParameters

AWS Systems Manager Document external parameters.

Type: String to [SsmExternalParameter](#) object map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 1011.

Key Pattern: ([A-Za-z0-9])+

Required: No

mustSucceedForCutover

If true, Cutover will not be enabled if the document has failed.

Type: Boolean

Required: No

parameters

AWS Systems Manager Document parameters.

Type: String to array of [SsmParameterStoreParameter](#) objects map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 1011.

Key Pattern: ([A-Za-z0-9])+

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

timeoutSeconds

AWS Systems Manager Document timeout seconds.

Type: Integer

Valid Range: Minimum value of 1.

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](#)

SsmExternalParameter

AWS Systems Manager Document external parameter.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

dynamicPath

AWS Systems Manager Document external parameters dynamic path.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `[a-zA-Z0-9_]+(\.[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](#)

SsmParameterStoreParameter

AWS Systems Manager Parameter Store parameter.

Contents

parameterName

AWS Systems Manager Parameter Store parameter name.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: ([A-Za-z0-9_\.-]+)

Required: Yes

parameterType

AWS Systems Manager Parameter Store parameter type.

Type: String

Valid Values: STRING | SECURE_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](#)

StartNetworkMigrationMappingUpdateConstruct

A construct update to apply during a mapping update operation.

Contents

constructID

The ID of the construct to update.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: Yes

constructType

The type of the construct.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 24.

Pattern: `AWS::([A-Z\d]){2,10}::[a-zA-Z\d]{2,30}`

Required: Yes

segmentID

The ID of the segment containing the construct.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: Yes

operation

The operation to perform on the construct.

Type: [OperationUnion](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

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](#)

StartNetworkMigrationMappingUpdateSegment

A segment update to apply during a mapping update operation.

Contents

segmentID

The ID of the segment to update.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

Required: Yes

scopeTags

The updated scope tags for the segment.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 40 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z0-9\s+\-\=._:/@]*`

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

Value Pattern: `[a-zA-Z0-9\s+\-\=._:/@]*`

Required: No

targetAccount

The updated target AWS account for the segment.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `.*[0-9]{12,}.*`

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](#)

TargetNetwork

Configuration for the target network topology and addressing.

Contents

topology

The network topology type for the target environment.

Type: String

Valid Values: ISOLATED_VPC | HUB_AND_SPOKE

Required: Yes

inboundCidr

The CIDR block for inbound traffic in the target network.

Type: String

Length Constraints: Minimum length of 9. Maximum length of 18.

Pattern: ((25[0-4]|2[0-4][0-9]|1[0-9]{2}|[1-9]?[0-9])\.)^{3}(25[0-5]|2[0-4][0-9]|1[0-9]{2}|[1-9]?[0-9])\/(1[6-9]|2[0-8])

Required: No

inspectionCidr

The CIDR block for inspection traffic in the target network.

Type: String

Length Constraints: Minimum length of 9. Maximum length of 18.

Pattern: ((25[0-4]|2[0-4][0-9]|1[0-9]{2}|[1-9]?[0-9])\.)^{3}(25[0-5]|2[0-4][0-9]|1[0-9]{2}|[1-9]?[0-9])\/(1[6-9]|2[0-8])

Required: No

outboundCidr

The CIDR block for outbound traffic in the target network.

Type: String

Length Constraints: Minimum length of 9. Maximum length of 18.

Pattern: ((25[0-4]|2[0-4][0-9]|1[0-9]{2}|[1-9]?[0-9])\.)\{3\}(25[0-5]|2[0-4][0-9]|1[0-9]{2}|[1-9]?[0-9])\/(1[6-9]|2[0-8])

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](#)

TargetNetworkUpdate

Updated configuration for the target network topology and addressing.

Contents

inboundCidr

The updated CIDR block for inbound traffic.

Type: String

Length Constraints: Minimum length of 9. Maximum length of 18.

Pattern: ((25[0-4]|2[0-4][0-9]|1[0-9]{2}|[1-9]?[0-9])\.){3}(25[0-5]|2[0-4][0-9]|1[0-9]{2}|[1-9]?[0-9])\/(1[6-9]|2[0-8])

Required: No

inspectionCidr

The updated CIDR block for inspection traffic.

Type: String

Length Constraints: Minimum length of 9. Maximum length of 18.

Pattern: ((25[0-4]|2[0-4][0-9]|1[0-9]{2}|[1-9]?[0-9])\.){3}(25[0-5]|2[0-4][0-9]|1[0-9]{2}|[1-9]?[0-9])\/(1[6-9]|2[0-8])

Required: No

outboundCidr

The updated CIDR block for outbound traffic.

Type: String

Length Constraints: Minimum length of 9. Maximum length of 18.

Pattern: ((25[0-4]|2[0-4][0-9]|1[0-9]{2}|[1-9]?[0-9])\.){3}(25[0-5]|2[0-4][0-9]|1[0-9]{2}|[1-9]?[0-9])\/(1[6-9]|2[0-8])

Required: No

topology

The updated network topology type.

Type: String

Valid Values: ISOLATED_VPC | HUB_AND_SPOKE

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](#)

TargetS3Configuration

S3 configuration for storing target network artifacts.

Contents

s3Bucket

The name of the S3 bucket for target artifacts.

Type: String

Pattern: [a-zA-Z0-9.\-_{1,255}

Required: Yes

s3BucketOwner

The AWS account ID of the S3 bucket owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: .*[0-9]{12,}.*

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](#)

TargetS3ConfigurationUpdate

Updated S3 configuration for storing target network artifacts.

Contents

s3Bucket

The updated name of the S3 bucket.

Type: String

Pattern: [a-zA-Z0-9.\-_]{1,255}

Required: No

s3BucketOwner

The updated AWS account ID of the S3 bucket owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: .*[0-9]{12,}.*

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](#)

TemplateActionDocument

Contents

actionID

Template post migration custom action ID.

Type: String

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

Pattern: `.*[0-9a-zA-Z]`

Required: No

actionName

Template post migration custom action name.

Type: String

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

Required: No

active

Template post migration custom action active status.

Type: Boolean

Required: No

category

Template post migration custom action category.

Type: String

Valid Values: DISASTER_RECOVERY | OPERATING_SYSTEM |
LICENSE_AND_SUBSCRIPTION | VALIDATION | OBSERVABILITY | REFACTORIZING |
SECURITY | NETWORKING | CONFIGURATION | BACKUP | OTHER

Required: No

description

Template post migration custom action description.

Type: String

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

Pattern: [0-9a-zA-Z ():/.,' -_#*;]*

Required: No

documentIdentifier

Template post migration custom action document identifier.

Type: String

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

Required: No

documentVersion

Template post migration custom action document version.

Type: String

Pattern: (\\$DEFAULT|\\$LATEST|[0-9]+)

Required: No

externalParameters

Template post migration custom action external parameters.

Type: String to [SsmExternalParameter](#) object map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 1011.

Key Pattern: ([A-Za-z0-9])+

Required: No

mustSucceedForCutover

Template post migration custom action must succeed for cutover.

Type: Boolean

Required: No

operatingSystem

Operating system eligible for this template post migration custom action.

Type: String

Pattern: (linux|windows)

Required: No

order

Template post migration custom action order.

Type: Integer

Valid Range: Minimum value of 1001. Maximum value of 10000.

Required: No

parameters

Template post migration custom action parameters.

Type: String to array of [SsmParameterStoreParameter](#) objects map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 1. Maximum length of 1011.

Key Pattern: ([A-Za-z0-9])+

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

timeoutSeconds

Template post migration custom action timeout in seconds.

Type: Integer

Valid Range: Minimum value of 1.

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](#)

TemplateActionsRequestFilters

Template post migration custom action filters.

Contents

actionIDs

Action IDs to filter template post migration custom actions by.

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 64.

Pattern: `.*[0-9a-zA-Z]`

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](#)

UpdateOperation

An operation that updates the properties of a construct.

Contents

properties

The properties to update on the construct.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 20 items.

Key Length Constraints: Minimum length of 0. Maximum length of 24.

Value Length Constraints: Minimum length of 0. Maximum length of 65536.

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](#)

ValidationExceptionField

Validate exception field.

Contents

message

Validate exception field message.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

Required: No

name

Validate exception field name.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 65536.

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](#)

VcenterClient

vCenter client.

Contents

arn

Arn of vCenter client.

Type: String

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

Required: No

datacenterName

Datacenter name of vCenter client.

Type: String

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

Required: No

hostname

Hostname of vCenter client .

Type: String

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

Required: No

lastSeenDatetime

Last seen time of vCenter client.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

sourceServerTags

Tags for Source Server of vCenter client.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

tags

Tags for vCenter client.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

vcenterClientID

ID of vCenter client.

Type: String

Length Constraints: Fixed length of 21.

Pattern: `vcc-[0-9a-zA-Z]{17}`

Required: No

vcenterUUID

Vcenter UUID of vCenter client.

Type: String

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

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](#)

Wave

Contents

arn

Wave ARN.

Type: String

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

Required: No

creationDateTime

Wave creation dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

description

Wave description.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 600.

Pattern: `[^\x00]*`

Required: No

isArchived

Wave archival status.

Type: Boolean

Required: No

lastModifiedDateTime

Wave last modified dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

name

Wave name.

Type: String

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

Pattern: `[^\s\x00](* [^\s\x00])*`

Required: No

tags

Wave tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

waveAggregatedStatus

Wave aggregated status.

Type: [WaveAggregatedStatus](#) object

Required: No

waveID

Wave ID.

Type: String

Length Constraints: Fixed length of 22.

Pattern: wave-[0-9a-zA-Z]{17}

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](#)

WaveAggregatedStatus

Wave aggregated status.

Contents

healthStatus

Wave aggregated status health status.

Type: String

Valid Values: HEALTHY | LAGGING | ERROR

Required: No

lastUpdateDateTime

Wave aggregated status last update dateTime.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|12[0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

progressStatus

Wave aggregated status progress status.

Type: String

Valid Values: NOT_STARTED | IN_PROGRESS | COMPLETED

Required: No

replicationStartedDateTime

DateTime marking when the first source server in the wave started replication.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 32.

Pattern: `[1-9][0-9]*-(0[1-9]|1[0-2])-(0[1-9]|12[0-9]|3[01])T([0-1][0-9]|2[0-3]):[0-5][0-9]:[0-5][0-9](\.[0-9]+)?Z`

Required: No

totalApplications

Wave aggregated status total applications amount.

Type: Long

Valid Range: Minimum value of 0.

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