



API Reference

AWS DevOps Agent



API Version 2026-01-01

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AWS DevOps Agent: API Reference

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Welcome

AWS DevOps Agent is your always-available operations teammate. It resolves and proactively prevents incidents, optimizes application reliability and performance, and handles on-demand SRE tasks across AWS, multicloud, and on-premises environments. AWS DevOps Agent investigates incidents as an experienced DevOps engineer would. It learns your applications and their relationships. It works with your observability tools, runbooks, code repositories, and CI/CD pipelines. The agent correlates telemetry, code, and deployment data across all of them.

This document was last published on May 20, 2026.

Actions

The following actions are supported:

- [AssociateService](#)
- [CreateAgentSpace](#)
- [CreateBacklogTask](#)
- [CreateChat](#)
- [CreatePrivateConnection](#)
- [DeleteAgentSpace](#)
- [DeletePrivateConnection](#)
- [DeregisterService](#)
- [DescribePrivateConnection](#)
- [DisableOperatorApp](#)
- [DisassociateService](#)
- [EnableOperatorApp](#)
- [GetAccountUsage](#)
- [GetAgentSpace](#)
- [GetAssociation](#)
- [GetBacklogTask](#)
- [GetOperatorApp](#)
- [GetRecommendation](#)
- [GetService](#)
- [ListAgentSpaces](#)
- [ListAssociations](#)
- [ListBacklogTasks](#)
- [ListChats](#)
- [ListExecutions](#)
- [ListGoals](#)
- [ListJournalRecords](#)
- [ListPendingMessages](#)

- [ListPrivateConnections](#)
- [ListRecommendations](#)
- [ListServices](#)
- [ListTagsForResource](#)
- [ListWebhooks](#)
- [RegisterService](#)
- [SendMessage](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateAgentSpace](#)
- [UpdateAssociation](#)
- [UpdateBacklogTask](#)
- [UpdateGoal](#)
- [UpdateOperatorAppIdpConfig](#)
- [UpdatePrivateConnectionCertificate](#)
- [UpdateRecommendation](#)
- [ValidateAwsAssociations](#)

AssociateService

Adds a specific service association to an AgentSpace. It overwrites the existing association of the same service. Returns 201 Created on success.

Request Syntax

```
POST /v1/agentspaces/agentSpaceId/associations HTTP/1.1
Content-type: application/json
```

```
{
  "configuration": { ... },
  "serviceId": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

Request Body

The request accepts the following data in JSON format.

configuration

The configuration that directs how AgentSpace interacts with the given service.

Type: [ServiceConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

serviceld

The unique identifier of the service.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9_-]+

Required: Yes

Response Syntax

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

{
  "association": {
    "agentSpaceId": "string",
    "associationId": "string",
    "configuration": { ... },
    "createdAt": "string",
    "serviceId": "string",
    "status": "string",
    "updatedAt": "string"
  },
  "webhook": {
    "apiKey": "string",
    "webhookId": "string",
    "webhookSecret": "string",
    "webhookType": "string",
    "webhookUrl": "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.

association

Represents a service association within an AgentSpace, defining how the agent interacts with external services.

Type: [Association](#) object

webhook

Generic webhook configuration

Type: [GenericWebhook](#) object

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

CreateAgentSpace

Creates a new AgentSpace with the specified name and description. Duplicate space names are allowed.

Request Syntax

```
POST /v1/agentspaces HTTP/1.1
Content-type: application/json

{
  "clientToken": "string",
  "description": "string",
  "kmsKeyArn": "string",
  "locale": "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.

clientToken

Client-provided token to ensure request idempotency. When the same token is provided in subsequent calls, the same response is returned within a 8-hour window.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 64.

Pattern: [!-~]+

Required: No

description

The description of the AgentSpace.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: `[\p{L}\p{N}\p{P}\p{S}\p{Z}]+`

Required: No

kmsKeyArn

The ARN of the AWS Key Management Service (AWS KMS) customer managed key that's used to encrypt resources.

Type: String

Length Constraints: Minimum length of 20.

Pattern: `arn:aws[a-zA-Z-]*:kms:[a-z0-9-]+:[0-9]{12}:key/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: No

locale

The locale for the AgentSpace, which determines the language used in agent responses.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 35.

Pattern: `[a-zA-Z]{2,3}(-[a-zA-Z0-9]{2,8})*`

Required: No

name

The name of the AgentSpace.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\p{L}\p{N}\p{P}\p{S}\p{Z}]+`

Required: Yes

tags

Tags to add to the AgentSpace at creation time.

Type: String to string map

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

Key Pattern: `[\p{L}\p{Z}\p{N}_.: /+=\ -@]*`

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

Value Pattern: `[\p{L}\p{Z}\p{N}_.: /+=\ -@]*`

Required: No

Response Syntax

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

```
{
  "agentSpace": {
    "agentSpaceId": "string",
    "createdAt": "string",
    "description": "string",
    "kmsKeyArn": "string",
    "locale": "string",
    "name": "string",
    "updatedAt": "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.

agentSpace

Represents a complete AgentSpace with all its properties, timestamps, encryption settings, and unique identifier.

Type: [AgentSpace](#) object

tags

Tags associated with the created AgentSpace.

Type: String to string map

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

Key Pattern: `[\p{L}\p{Z}\p{N}_ . : / = + \ - @] *`

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

Value Pattern: `[\p{L}\p{Z}\p{N}_ . : / = + \ - @] *`

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

CreateBacklogTask

Creates a new backlog task in the specified agent space

Request Syntax

```
POST /backlog/agent-space/agentSpaceId/tasks HTTP/1.1  
Content-type: application/json
```

```
{  
  "clientToken": "string",  
  "description": "string",  
  "priority": "string",  
  "reference": {  
    "associationId": "string",  
    "referenceId": "string",  
    "referenceUrl": "string",  
    "system": "string",  
    "title": "string"  
  },  
  "taskType": "string",  
  "title": "string"  
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

The unique identifier for the agent space where the task will be created

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

Client-provided token for idempotent operations

Type: String

Required: No

description

Optional detailed description of the task

Type: String

Length Constraints: Minimum length of 0. Maximum length of 10000.

Required: No

priority

The priority level of the task

Type: String

Valid Values: CRITICAL | HIGH | MEDIUM | LOW | MINIMAL

Required: Yes

reference

Optional reference information for the task

Type: [ReferenceInput](#) object

Required: No

taskType

The type of task being created

Type: String

Valid Values: INVESTIGATION | EVALUATION

Required: Yes

title

The title of the backlog task

Type: String

Length Constraints: Minimum length of 1. Maximum length of 400.

Required: Yes

Response Syntax

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

{
  "task": {
    "agentSpaceId": "string",
    "createdAt": "string",
    "description": "string",
    "executionId": "string",
    "hasLinkedTasks": boolean,
    "metadata": JSON value,
    "primaryTaskId": "string",
    "priority": "string",
    "reference": {
      "associationId": "string",
      "referenceId": "string",
      "referenceUrl": "string",
      "system": "string",
      "title": "string"
    },
    "status": "string",
    "statusReason": "string",
    "supportMetadata": JSON value,
    "taskId": "string",
    "taskType": "string",
    "title": "string",
    "updatedAt": "string",
    "version": 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.

task

The newly created task object

Type: [Task](#) object

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

CreateChat

Creates a new chat execution in the specified agent space

Request Syntax

```
POST /agents/agent-space/agentSpaceId/chat/create?userId=userId&userType=userType
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

userId

The user identifier for the chat. This field is deprecated and will be ignored — the service resolves user identity from the authenticated session.

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

Pattern: [a-zA-Z0-9_.-]+

userType

The authentication type of the user

Valid Values: IAM | IDC | IDP

Request Body

The request does not have a request body.

Response Syntax

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

{
  "createdAt": number,
  "executionId": "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.

createdAt

Timestamp when the chat was created

Type: Timestamp

executionId

The unique identifier for the created execution

Type: String

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

Pattern: [a-zA-Z0-9_.-]+

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

HTTP Status Code: 400

See Also

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

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- [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](#)

CreatePrivateConnection

Creates a Private Connection to a target resource.

Request Syntax

```
POST /v1/private-connections HTTP/1.1
Content-type: application/json
```

```
{
  "mode": { ... },
  "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.

mode

Private Connection mode configuration.

Type: [PrivateConnectionMode](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

name

Unique name for this Private Connection within the account.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 30.

Pattern: `[a-z0-9]([a-z0-9-]*[a-z0-9])?`

Required: Yes

tags

Tags to add to the Private Connection at creation time.

Type: String to string map

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

Key Pattern: `[\p{L}\p{Z}\p{N}_.:/=+\-@]*`

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

Value Pattern: `[\p{L}\p{Z}\p{N}_.:/=+\-@]*`

Required: No

Response Syntax

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

{
  "certificateExpiryTime": "string",
  "hostAddress": "string",
  "name": "string",
  "resourceConfigurationId": "string",
  "resourceGatewayId": "string",
  "status": "string",
  "tags": {
    "string" : "string"
  },
  "type": "string",
  "vpcId": "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.

certificateExpiryTime

The expiry time of the certificate associated with the Private Connection. Only present when a certificate is associated.

Type: Timestamp

hostAddress

IP address or DNS name of the target resource. Only present for service-managed Private Connections.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 255.

Pattern: `[a-zA-Z0-9.\-]+`

name

The name of the Private Connection.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 30.

Pattern: `[a-z0-9]([a-z0-9-]*[a-z0-9])?`

resourceConfigurationId

The Resource Configuration ARN. Only present for self-managed Private Connections.

Type: String

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

Pattern: `(arn:[a-z0-9\-\-]+:vpc-lattice:[a-zA-Z0-9\-\-]+:\d{12}:resourceconfiguration/rcfg-[0-9a-z]{17}|rcfg-[0-9a-z]{17})`

resourceGatewayId

The service-managed Resource Gateway ARN. Only present for service-managed Private Connections.

Type: String

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

Pattern: `arn:[a-z0-9\-\+]:vpc-lattice:[a-zA-Z0-9\-\+]:\d{12}:resourcegateway/rgw-[0-9a-z]{17}`

status

The status of the Private Connection.

Type: String

Valid Values: ACTIVE | CREATE_IN_PROGRESS | CREATE_FAILED | DELETE_IN_PROGRESS | DELETE_FAILED

tags

Tags associated with the created Private Connection.

Type: String to string map

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

Key Pattern: `[\p{L}\p{Z}\p{N}_.:/=+\-@]*`

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

Value Pattern: `[\p{L}\p{Z}\p{N}_.:/=+\-@]*`

type

The type of the Private Connection.

Type: String

Valid Values: SELF_MANAGED | SERVICE_MANAGED

vpclId

VPC identifier of the service-managed Resource Gateway. Only present for service-managed Private Connections.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 50.

Pattern: `vpc-((([0-9a-z]{8}) | ([0-9a-z]{17})))`

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

DeleteAgentSpace

Deletes an AgentSpace. This operation is idempotent and returns a 204 No Content response on success.

Request Syntax

```
DELETE /v1/agentspaces/agentSpaceId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: `[a-zA-Z0-9-]{1,64}`

Required: Yes

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

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

DeletePrivateConnection

Deletes a Private Connection. The deletion is asynchronous and returns DELETE_IN_PROGRESS status.

Request Syntax

```
DELETE /v1/private-connections/name HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

name

The name of the Private Connection.

Length Constraints: Minimum length of 3. Maximum length of 30.

Pattern: `[a-z0-9]([a-z0-9-]*[a-z0-9])?`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "name": "string",
  "status": "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.

name

The name of the Private Connection.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 30.

Pattern: `[a-z0-9]([a-z0-9-]*[a-z0-9])?`

status

The status of the Private Connection.

Type: String

Valid Values: ACTIVE | CREATE_IN_PROGRESS | CREATE_FAILED | DELETE_IN_PROGRESS | DELETE_FAILED

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

DeregisterService

Deregister a service

Request Syntax

```
DELETE /v1/services/serviceId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

serviceId

The service id to deregister. A service can only be deregistered if it is not associated with any AgentSpace.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9_-]+

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

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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

DescribePrivateConnection

Retrieves details of an existing Private Connection.

Request Syntax

```
GET /v1/private-connections/name HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

name

The name of the Private Connection.

Length Constraints: Minimum length of 3. Maximum length of 30.

Pattern: `[a-z0-9]([a-z0-9-]*[a-z0-9])?`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "certificateExpiryTime": "string",
  "hostAddress": "string",
  "name": "string",
  "resourceConfigurationId": "string",
  "resourceGatewayId": "string",
  "status": "string",
  "tags": {
    "string" : "string"
  }
}
```

```
  },  
  "type": "string",  
  "vpcId": "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.

certificateExpiryTime

The expiry time of the certificate associated with the Private Connection. Only present when a certificate is associated.

Type: Timestamp

hostAddress

IP address or DNS name of the target resource. Only present for service-managed Private Connections.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 255.

Pattern: [a-zA-Z0-9.:\-]+

name

The name of the Private Connection.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 30.

Pattern: [a-z0-9]([a-z0-9-]*[a-z0-9])?

resourceConfigurationId

The Resource Configuration ARN. Only present for self-managed Private Connections.

Type: String

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

Pattern: (arn:[a-z0-9\-\-]+:vpc-lattice:[a-zA-Z0-9\-\-]+:\d{12}:resourceconfiguration/rcfg-[0-9a-z]{17}|rcfg-[0-9a-z]{17})

resourceGatewayId

The service-managed Resource Gateway ARN. Only present for service-managed Private Connections.

Type: String

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

Pattern: arn:[a-z0-9\-\-]+:vpc-lattice:[a-zA-Z0-9\-\-]+:\d{12}:resourcegateway/rgw-[0-9a-z]{17}

status

The status of the Private Connection.

Type: String

Valid Values: ACTIVE | CREATE_IN_PROGRESS | CREATE_FAILED | DELETE_IN_PROGRESS | DELETE_FAILED

tags

Tags associated with the Private Connection.

Type: String to string map

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

Key Pattern: [\p{L}\p{Z}\p{N}_ . : / = + \ - @] *

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

Value Pattern: [\p{L}\p{Z}\p{N}_ . : / = + \ - @] *

type

The type of the Private Connection.

Type: String

Valid Values: SELF_MANAGED | SERVICE_MANAGED

vpId

VPC identifier of the service-managed Resource Gateway. Only present for service-managed Private Connections.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 50.

Pattern: vpc-(([0-9a-z]{8})|([0-9a-z]{17}))

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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

DisableOperatorApp

Disable the Operator App for the specified AgentSpace

Request Syntax

```
DELETE /v1/agentspaces/agentSpaceId/operator HTTP/1.1
x-amzn-app-auth-flow: authFlow
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: `[a-zA-Z0-9-]{1,64}`

Required: Yes

authFlow

The authentication flow configured for the operator App. e.g. idc

Valid Values: iam | idc | idp

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

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

IdentityCenterServiceException

Calls to the customer Identity Center have failed

message

Detailed error message describing why the call fails

underlyingErrorCode

The Idc error code

HTTP Status Code: 400

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

DisassociateService

Deletes a specific service association from an AgentSpace. This operation is idempotent and returns a 204 No Content response on success.

Request Syntax

```
DELETE /v1/agentspaces/agentSpaceId/associations/associationId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: `[a-zA-Z0-9-]{1,64}`

Required: Yes

associationId

The unique identifier of the given association.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9-]+`

Required: Yes

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

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerError

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

EnableOperatorApp

Enable the Operator App to access the given AgentSpace

Request Syntax

```
POST /v1/agentspaces/agentSpaceId/operator HTTP/1.1
Content-type: application/json
```

```
{
  "authFlow": "string",
  "idcInstanceArn": "string",
  "idpClientId": "string",
  "idpClientSecret": "string",
  "issuerUrl": "string",
  "operatorAppRoleArn": "string",
  "provider": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: `[a-zA-Z0-9-]{1,64}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

authFlow

The authentication flow configured for the operator App. e.g. iam or idc

Type: String

Valid Values: iam | idc | idp

Required: Yes

idcInstanceArn

The IdC instance Arn used to create an IdC auth application

Type: String

Required: No

idpClientId

The OIDC client ID for the IdP application

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

idpClientSecret

The OIDC client secret for the IdP application

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

issuerUrl

The OIDC issuer URL of the external Identity Provider

Type: String

Required: No

operatorAppRoleArn

The IAM role end users assume to access AIDevOps APIs

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: arn:aws:iam::\d{12}:role/[a-zA-Z0-9+=, .@_/-]+

Required: Yes

provider

The Identity Provider name (e.g., Entra, Okta, Google)

Type: String

Required: No

Response Syntax

```
HTTP/1.1 200
```

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

```
{
  "agentSpaceId": "string",
  "iam": {
    "createdAt": "string",
    "operatorAppRoleArn": "string",
    "updatedAt": "string"
  },
  "idc": {
    "createdAt": "string",
    "idcApplicationArn": "string",
    "idcInstanceArn": "string",
    "operatorAppRoleArn": "string",
    "updatedAt": "string"
  },
  "idp": {
    "clientId": "string",
    "createdAt": "string",
    "issuerUrl": "string",
    "operatorAppRoleArn": "string",
    "provider": "string",
    "updatedAt": "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.

agentSpaceId

The unique identifier of the AgentSpace

Type: String

Pattern: [a-zA-Z0-9-]{1,64}

iam

Configuration for IAM-based authentication flow for the Operator App.

Type: [IamAuthConfiguration](#) object

idc

Configuration for AWS Identity Center (IdC) authentication flow for the Operator App.

Type: [IdcAuthConfiguration](#) object

idp

Configuration for external Identity Provider OIDC authentication flow for the Operator App.

Type: [IdpAuthConfiguration](#) object

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

IdentityCenterServiceException

Calls to the customer Identity Center have failed

message

Detailed error message describing why the call fails

underlyingErrorCode

The Idc error code

HTTP Status Code: 400

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

GetAccountUsage

Retrieves monthly account usage metrics and limits for the AWS account.

Request Syntax

```
GET /usage/account 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/1.1 200
```

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

```
{
  "monthlyAccountEvaluationHours": {
    "limit": number,
    "usage": number
  },
  "monthlyAccountInvestigationHours": {
    "limit": number,
    "usage": number
  },
  "monthlyAccountOnDemandHours": {
    "limit": number,
    "usage": number
  },
  "monthlyAccountSystemLearningHours": {
    "limit": number,
    "usage": number
  },
  "usagePeriodEndTime": "string",
  "usagePeriodStartTime": "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.

[monthlyAccountEvaluationHours](#)

Monthly evaluation hours usage and limit for an account

Type: [UsageMetric](#) object

[monthlyAccountInvestigationHours](#)

Monthly investigation hours usage and limit for an account

Type: [UsageMetric](#) object

[monthlyAccountOnDemandHours](#)

Monthly on-demand hours usage and limit for an account

Type: [UsageMetric](#) object

[monthlyAccountSystemLearningHours](#)

Monthly system learning hours usage and limit for an account

Type: [UsageMetric](#) object

[usagePeriodEndTime](#)

The end time of the usage tracking period

Type: Timestamp

[usagePeriodStartTime](#)

The start time of the usage tracking period

Type: Timestamp

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

GetAgentSpace

Retrieves detailed information about a specific AgentSpace.

Request Syntax

```
GET /v1/agentspaces/agentSpaceId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[agentSpaceId](#)

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

```
{
  "agentSpace": {
    "agentSpaceId": "string",
    "createdAt": "string",
    "description": "string",
    "kmsKeyArn": "string",
    "locale": "string",
    "name": "string",
    "updatedAt": "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.

agentSpace

Represents a complete AgentSpace with all its properties, timestamps, encryption settings, and unique identifier.

Type: [AgentSpace](#) object

tags

Tags associated with the AgentSpace.

Type: String to string map

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

Key Pattern: `[\p{L}\p{Z}\p{N}_ . : / = + \ - @] *`

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

Value Pattern: `[\p{L}\p{Z}\p{N}_ . : / = + \ - @] *`

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

GetAssociation

Retrieves given associations configured for a specific AgentSpace.

Request Syntax

```
GET /v1/agentspaces/agentSpaceId/associations/associationId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: `[a-zA-Z0-9-]{1,64}`

Required: Yes

associationId

The unique identifier of the given association.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9-]+`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

```
{
  "association": {
    "agentSpaceId": "string",
    "associationId": "string",
    "configuration": { ... },
    "createdAt": "string",
    "serviceId": "string",
    "status": "string",
    "updatedAt": "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.

association

Represents a service association within an AgentSpace, defining how the agent interacts with external services.

Type: [Association](#) object

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

GetBacklogTask

Gets a backlog task for the specified agent space and task id

Request Syntax

```
GET /backlog/agent-space/agentSpaceId/tasks/taskId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

The unique identifier for the agent space containing the task

Pattern: `[a-zA-Z0-9-]{1,64}`

Required: Yes

taskId

The unique identifier of the task to retrieve

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

Pattern: `[a-zA-Z0-9_.-]+`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
```

```
"task": {
  "agentSpaceId": "string",
  "createdAt": "string",
  "description": "string",
  "executionId": "string",
  "hasLinkedTasks": boolean,
  "metadata": JSON value,
  "primaryTaskId": "string",
  "priority": "string",
  "reference": {
    "associationId": "string",
    "referenceId": "string",
    "referenceUrl": "string",
    "system": "string",
    "title": "string"
  },
  "status": "string",
  "statusReason": "string",
  "supportMetadata": JSON value,
  "taskId": "string",
  "taskType": "string",
  "title": "string",
  "updatedAt": "string",
  "version": number
}
```

Response Elements

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

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

task

The requested task object

Type: [Task](#) object

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerError

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

GetOperatorApp

Get the full auth configuration of operator including any enabled auth flow

Request Syntax

```
GET /v2/agentspaces/agentSpaceId/operator HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[agentSpaceId](#)

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "iam": {
    "createdAt": "string",
    "operatorAppRoleArn": "string",
    "updatedAt": "string"
  },
  "idc": {
    "createdAt": "string",
    "idcApplicationArn": "string",
    "idcInstanceArn": "string",
  }
}
```

```
    "operatorAppRoleArn": "string",
    "updatedAt": "string"
  },
  "idp": {
    "clientId": "string",
    "createdAt": "string",
    "issuerUrl": "string",
    "operatorAppRoleArn": "string",
    "provider": "string",
    "updatedAt": "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.

iam

Configuration for IAM-based authentication flow for the Operator App.

Type: [IamAuthConfiguration](#) object

idc

Configuration for AWS Identity Center (IdC) authentication flow for the Operator App.

Type: [IdcAuthConfiguration](#) object

idp

Configuration for external Identity Provider OIDC authentication flow for the Operator App.

Type: [IdpAuthConfiguration](#) object

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerError

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

GetRecommendation

Retrieves a specific recommendation by its ID

Request Syntax

```
GET /backlog/agent-space/agentSpaceId/recommendations/recommendationId?  
recommendationVersion=recommendationVersion HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

The unique identifier for the agent space containing the recommendation

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

recommendationId

The unique identifier for the recommendation to retrieve

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

Pattern: [a-zA-Z0-9_.-]+

Required: Yes

recommendationVersion

Specific version of the recommendation to retrieve. If not specified, returns the latest version.

Request Body

The request does not have a request body.

Response Syntax

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

```
{
  "recommendation": {
    "additionalContext": "string",
    "agentSpaceArn": "string",
    "content": {
      "spec": "string",
      "summary": "string"
    },
    "createdAt": "string",
    "goalId": "string",
    "goalVersion": number,
    "priority": "string",
    "rankedAt": "string",
    "rankPosition": number,
    "recommendationId": "string",
    "status": "string",
    "taskId": "string",
    "title": "string",
    "updatedAt": "string",
    "version": number
  }
}
```

Response Elements

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

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

recommendation

The requested recommendation

Type: [Recommendation](#) object

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerError

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

GetService

Retrieves given service by it's unique identifier

Request Syntax

```
GET /v1/services/serviceId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

serviceId

The unique identifier of the given service.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9_-]+

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "service": {
    "accessibleResources": [ JSON value ],
    "additionalServiceDetails": { ... },
    "kmsKeyArn": "string",
    "name": "string",
    "privateConnectionName": "string",
    "serviceId": "string",
    "serviceType": "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.

service

Represents a registered service with its configuration and accessible resources.

Type: [RegisteredService](#) object

tags

Tags associated with the Service.

Type: String to string map

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

Key Pattern: `[\p{L}\p{Z}\p{N}_ . : / = + \ - @]*`

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

Value Pattern: `[\p{L}\p{Z}\p{N}_ . : / = + \ - @]*`

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

ListAgentSpaces

Lists all AgentSpaces with optional pagination.

Request Syntax

```
POST /v1/agentspaces/list?maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

maxResults

Maximum number of results to return in a single call.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

Token for the next page of results.

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

Request Body

The request does not have a request body.

Response Syntax

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

{
  "agentSpaces": [
    {
      "agentSpaceId": "string",
      "createdAt": "string",
      "description": "string",
      "kmsKeyArn": "string",
      "locale": "string",
```

```
    "name": "string",  
    "updatedAt": "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.

agentSpaces

The list of AgentSpaces.

Type: Array of [AgentSpace](#) objects

nextToken

Token to retrieve the next page of results, if there are more results.

Type: String

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

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

ListAssociations

List all associations for given AgentSpace

Request Syntax

```
POST /v1/agentspaces/agentSpaceId/associations/list?  
filterServiceTypes=filterServiceTypes&maxResults=maxResults&nextToken=nextToken  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: `[a-zA-Z0-9-]{1,64}`

Required: Yes

filterServiceTypes

A comma-separated list of service types to filter list associations output

Pattern: `\w+(?:,\s*\w+)*`

maxResults

Maximum number of results to return in a single call.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

Token for the next page of results.

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

Request Body

The request does not have a request body.

Response Syntax

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

{
  "associations": [
    {
      "agentSpaceId": "string",
      "associationId": "string",
      "configuration": { ... },
      "createdAt": "string",
      "serviceId": "string",
      "status": "string",
      "updatedAt": "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.

[associations](#)

The list of associations.

Type: Array of [Association](#) objects

[nextToken](#)

Token to retrieve the next page of results, if there are more results.

Type: String

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

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

ListBacklogTasks

Lists backlog tasks in the specified agent space with optional filtering and sorting

Request Syntax

```
POST /backlog/agent-space/agentSpaceId/tasks/list HTTP/1.1
```

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

```
{
  "filter": {
    "createdAfter": "string",
    "createdBefore": "string",
    "primaryTaskId": "string",
    "priority": [ "string" ],
    "status": [ "string" ],
    "taskType": [ "string" ]
  },
  "limit": number,
  "nextToken": "string",
  "order": "string",
  "sortField": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

The unique identifier for the agent space containing the tasks

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

Request Body

The request accepts the following data in JSON format.

filter

Filter criteria to apply when listing tasks Filtering restrictions: - Each filter field list is limited to a single value - Filtering by Priority and Status at the same time when not filtering by Type is not permitted - Timestamp filters (createdAfter, createdBefore) can be combined with other filters when not sorting by priority

Type: [TaskFilter](#) object

Required: No

limit

Maximum number of tasks to return in a single response (1-1000, default: 100)

Type: Integer

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

Required: No

nextToken

Token for retrieving the next page of results

Type: String

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

Required: No

order

Sort order for the tasks based on sortField (default: DESC)

Type: String

Valid Values: ASC | DESC

Required: No

sortField

Field to sort by Sorting restrictions: - Only sorting on createdAt is supported when using priority or status filters alone. - Sorting by priority is not supported when using Timestamp filters (createdAfter, createdBefore)

Type: String

Valid Values: CREATED_AT | PRIORITY

Required: No

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "nextToken": "string",
  "tasks": [
    {
      "agentSpaceId": "string",
      "createdAt": "string",
      "description": "string",
      "executionId": "string",
      "hasLinkedTasks": boolean,
      "metadata": JSON value,
      "primaryTaskId": "string",
      "priority": "string",
      "reference": {
        "associationId": "string",
        "referenceId": "string",
        "referenceUrl": "string",
        "system": "string",
        "title": "string"
      },
      "status": "string",
      "statusReason": "string",
      "supportMetadata": JSON value,
      "taskId": "string",
      "taskType": "string",
      "title": "string",
      "updatedAt": "string",
      "version": number
    }
  ]
}
```

Response Elements

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

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

nextToken

Token for retrieving the next page of results, if more results are available

Type: String

tasks

List of backlog tasks

Type: Array of [Task](#) objects

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

ListChats

Retrieves a paginated list of the user's recent chat executions

Request Syntax

```
GET /agents/agent-space/agentSpaceId/chat/list?  
maxResults=maxResults&nextToken=nextToken&userId=userId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: `[a-zA-Z0-9-]{1,64}`

Required: Yes

maxResults

Maximum number of results to return

Valid Range: Minimum value of 1. Maximum value of 20.

nextToken

Token for pagination

userId

The user identifier to list chats for. This field is deprecated and will be ignored — the service resolves user identity from the authenticated session.

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

Pattern: `[a-zA-Z0-9_.-]+`

Request Body

The request does not have a request body.

Response Syntax

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

{
  "executions": [
    {
      "createdAt": number,
      "executionId": "string",
      "summary": "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.

executions

List of recent chat executions

Type: Array of [ChatExecution](#) objects

nextToken

Token for retrieving the next page of results

Type: String

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerError

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

ListExecutions

List executions

Request Syntax

```
POST /journal/agent-space/agentSpaceId/executions HTTP/1.1
Content-type: application/json
```

```
{
  "limit": number,
  "nextToken": "string",
  "taskId": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

The unique identifier for the agent space

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

Request Body

The request accepts the following data in JSON format.

limit

Maximum number of executions to return

Type: Integer

Required: No

nextToken

Token for pagination to retrieve the next set of results

Type: String

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

Required: No

taskId

The unique identifier of the task whose executions to retrieve

Type: String

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

Pattern: [a-zA-Z0-9_.-]+

Required: Yes

Response Syntax

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

{
  "executions": [
    {
      "agentSpaceId": "string",
      "agentSubTask": "string",
      "agentType": "string",
      "createdAt": number,
      "executionId": "string",
      "executionStatus": "string",
      "parentExecutionId": "string",
      "uid": "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.

executions

List of executions

Type: Array of [Execution](#) objects

nextToken

Token for retrieving the next page of results, if available

Type: String

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

ListGoals

Lists goals in the specified agent space with optional filtering

Request Syntax

```
POST /backlog/agent-space/agentSpaceId/goals/list HTTP/1.1
Content-type: application/json
```

```
{
  "goalType": "string",
  "limit": number,
  "nextToken": "string",
  "status": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

The unique identifier for the agent space

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

Request Body

The request accepts the following data in JSON format.

goalType

Filter goals by goal type

Type: String

Valid Values: CUSTOMER_DEFINED | ONCALL_REPORT

Required: No

limit

Maximum number of goals to return

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

nextToken

Pagination token for the next set of results

Type: String

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

Required: No

status

Filter goals by goal status

Type: String

Valid Values: ACTIVE | PAUSED | COMPLETE

Required: No

Response Syntax

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

{
  "goals": [
    {
      "agentSpaceArn": "string",
      "content": {
        "description": "string",
        "objectives": "string"
      },
      "createdAt": "string",
```

```
    "evaluationSchedule": {
      "expression": "string",
      "state": "string"
    },
    "goalId": "string",
    "goalType": "string",
    "lastEvaluatedAt": "string",
    "lastSuccessfulTaskId": "string",
    "lastTaskId": "string",
    "status": "string",
    "title": "string",
    "updatedAt": "string",
    "version": 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.

goals

List of goals matching the criteria

Type: Array of [Goal](#) objects

nextToken

Pagination token for the next set of results

Type: String

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerError

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

ListJournalRecords

List journal records for a specific execution

Request Syntax

```
POST /journal/agent-space/agentSpaceId/journalRecords HTTP/1.1
Content-type: application/json
```

```
{
  "executionId": "string",
  "limit": number,
  "nextToken": "string",
  "order": "string",
  "recordType": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

The unique identifier for the agent space containing the execution

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

Request Body

The request accepts the following data in JSON format.

executionId

The unique identifier of the execution whose journal records to retrieve

Type: String

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

Pattern: [a-zA-Z0-9_.-]+

Required: Yes

limit

Maximum number of records to return in a single response (1-100, default: 100)

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

nextToken

Token for retrieving the next page of results

Type: String

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

Required: No

order

Sort order for the records based on timestamp (default: DESC)

Type: String

Valid Values: ASC | DESC

Required: No

recordType

Filter records by type (empty string returns all types)

Type: String

Required: No

Response Syntax

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

```
{
  "nextToken": "string",
  "records": [
    {
      "agentSpaceId": "string",
      "content": JSON value,
      "createdAt": number,
      "executionId": "string",
      "recordId": "string",
      "recordType": "string",
      "userReference": {
        "userId": "string",
        "userType": "string"
      }
    }
  ]
}
```

Response Elements

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

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

nextToken

Token for retrieving the next page of results, if more results are available

Type: String

records

List of journal records matching the request criteria

Type: Array of [JournalRecord](#) objects

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerError

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

ListPendingMessages

List pending messages for a specific execution.

Request Syntax

```
POST /agents/agent-space/agentSpaceId/pendingMessages HTTP/1.1
Content-type: application/json
```

```
{
  "executionId": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

Request Body

The request accepts the following data in JSON format.

executionId

The unique identifier of the execution whose journal records to retrieve

Type: String

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

Pattern: [a-zA-Z0-9_.-]+

Required: Yes

Response Syntax

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

{
  "agentSpaceId": "string",
  "createdAt": number,
  "executionId": "string",
  "messages": [
    {
      "message": { ... },
      "messageId": "string"
    }
  ]
}
```

Response Elements

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

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

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Type: String

Pattern: [a-zA-Z0-9-]{1,64}

createdAt

Timestamp when the pending messages were created.

Type: Timestamp

executionId

The unique identifier for the execution.

Type: String

messages

The list of pending messages for the execution.

Type: Array of [PendingMessage](#) objects

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerError

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

ListPrivateConnections

Lists all Private Connections in the caller's account.

Request Syntax

```
GET /v1/private-connections 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/1.1 200
Content-type: application/json

{
  "privateConnections": [
    {
      "certificateExpiryTime": "string",
      "hostAddress": "string",
      "name": "string",
      "resourceConfigurationId": "string",
      "resourceGatewayId": "string",
      "status": "string",
      "type": "string",
      "vpcId": "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.

[privateConnections](#)

The list of Private Connections.

Type: Array of [PrivateConnectionSummary](#) objects

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

ListRecommendations

Lists recommendations for the specified agent space

Request Syntax

```
POST /backlog/agent-space/agentSpaceId/recommendations/list HTTP/1.1
Content-type: application/json
```

```
{
  "goalId": "string",
  "limit": number,
  "nextToken": "string",
  "priority": "string",
  "status": "string",
  "taskId": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

The unique identifier for the agent space containing the recommendations

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

Request Body

The request accepts the following data in JSON format.

goalId

Optional goal ID to filter recommendations by specific goal

Type: String

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

Pattern: [a-zA-Z0-9_.-]+

Required: No

limit

Maximum number of recommendations to return in a single response

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

nextToken

Token for retrieving the next page of results

Type: String

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

Required: No

priority

Optional priority to filter recommendations by priority level

Type: String

Valid Values: HIGH | MEDIUM | LOW

Required: No

status

Optional status to filter recommendations by their current status

Type: String

Valid Values: PROPOSED | ACCEPTED | REJECTED | CLOSED | COMPLETED | UPDATE_IN_PROGRESS

Required: No

taskId

Optional task ID to filter recommendations by specific task

Type: String

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

Pattern: [a-zA-Z0-9_.-]+

Required: No

Response Syntax

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

{
  "nextToken": "string",
  "recommendations": [
    {
      "additionalContext": "string",
      "agentSpaceArn": "string",
      "content": {
        "spec": "string",
        "summary": "string"
      },
      "createdAt": "string",
      "goalId": "string",
      "goalVersion": number,
      "priority": "string",
      "rankedAt": "string",
      "rankPosition": number,
      "recommendationId": "string",
      "status": "string",
      "taskId": "string",
      "title": "string",
      "updatedAt": "string",
      "version": number
    }
  ]
}
```

Response Elements

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

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

nextToken

Token for retrieving the next page of results, if more results are available

Type: String

recommendations

List of recommendations matching the request criteria

Type: Array of [Recommendation](#) objects

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

ListServices

List a list of registered service on the account level.

Request Syntax

```
POST /v1/services/list?  
filterServiceType=filterServiceType&maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[filterServiceType](#)

Optional filter to list only services of a specific type.

Valid Values: github | slack | azure | azuredevops | dynatrace | servicenow | pagerduty | gitlab | eventChannel | mcpservernewrelic | mcpservergrafana | mcpserverdatadog | mcpserver | mcpserversplunk | azureidentity

[maxResults](#)

Maximum number of results to return in a single call.

Valid Range: Minimum value of 1. Maximum value of 100.

[nextToken](#)

Token for the next page of results.

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

Request Body

The request does not have a request body.

Response Syntax

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

```
{
  "nextToken": "string",
  "services": [
    {
      "accessibleResources": [ JSON value ],
      "additionalServiceDetails": { ... },
      "kmsKeyArn": "string",
      "name": "string",
      "privateConnectionName": "string",
      "serviceId": "string",
      "serviceType": "string"
    }
  ]
}
```

Response Elements

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

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

nextToken

Token to retrieve the next page of results, if there are more results.

Type: String

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

services

List of registered services.

Type: Array of [RegisteredService](#) objects

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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

Lists tags for the specified AWS DevOps Agent resource.

Request Syntax

```
GET /tags/resourceArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The ARN of the resource.

Pattern: `arn:aws:aidevops:[a-z0-9-]+\:\d{12}:(agentspace|service)/[a-zA-Z0-9-]+`

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

Tags associated with the resource.

Type: String to string map

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

Key Pattern: `[\p{L}\p{Z}\p{N}_ . : / = + \ - @]*`

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

Value Pattern: `[\p{L}\p{Z}\p{N}_ . : / = + \ - @]*`

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

ListWebhooks

List all webhooks for given Association

Request Syntax

```
POST /v1/agentspaces/agentSpaceId/associations/associationId/webhooks/list HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: `[a-zA-Z0-9-]{1,64}`

Required: Yes

associationId

The unique identifier of the given association.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9-]+`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
```

```
"webhooks": [  
  {  
    "webhookId": "string",  
    "webhookType": "string",  
    "webhookUrl": "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.

webhooks

The list of association webhooks.

Type: Array of [Webhook](#) objects

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

RegisterService

This operation registers the specified service

Request Syntax

```
POST /v1/register/service HTTP/1.1
Content-type: application/json

{
  "kmsKeyArn": "string",
  "name": "string",
  "privateConnectionName": "string",
  "serviceDetails": { ... },
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

service

Services that can be registered via the post-registration API (excludes OAuth 3LO services).

Valid Values: dynatrace | servicenow | pagerduty | gitlab | eventChannel | mcpservernewrelic | mcpservergrafana | mcpserverdatadog | mcpserver | mcpserversplunk | azureidentity

Required: Yes

Request Body

The request accepts the following data in JSON format.

kmsKeyArn

The ARN of the AWS Key Management Service (AWS KMS) customer managed key that's used to encrypt resources.

Type: String

Length Constraints: Minimum length of 20.

Pattern: `arn:aws[a-zA-Z-]*:kms:[a-z0-9-]+:[0-9]{12}:key/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: No

name

The display name for the service registration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\p{L}\p{N}\p{P}\p{S}\p{Z}]+`

Required: No

privateConnectionName

The name of the private connection to use for VPC connectivity.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 30.

Pattern: `[a-z0-9]([a-z0-9-]*[a-z0-9])?`

Required: No

serviceDetails

Service-specific authorization configuration parameters

Type: [ServiceDetails](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

tags

Tags to add to the Service at registration time.

Type: String to string map

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

Key Pattern: `[\p{L}\p{Z}\p{N}_.: /+=\ -@]*`

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

Value Pattern: `[\p{L}\p{Z}\p{N}_.: /+=\ -@]*`

Required: No

Response Syntax

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

{
  "additionalStep": { ... },
  "kmsKeyArn": "string",
  "serviceId": "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.

[additionalStep](#)

Indicates if additional steps are required to complete service registration (e.g., 3-legged OAuth)

Type: [AdditionalServiceRegistrationStep](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

[kmsKeyArn](#)

The ARN of the AWS Key Management Service (AWS KMS) customer managed key that's used to encrypt resources.

Type: String

Length Constraints: Minimum length of 20.

Pattern: `arn:aws[a-zA-Z-]*:kms:[a-z0-9-]+:[0-9]{12}:key/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

serviceId

Service ID - present when registration is complete, absent when additional steps are required

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9_-]+`

tags

Tags associated with the registered Service.

Type: String to string map

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

Key Pattern: `[\p{L}\p{Z}\p{N}_.: /+=\ -@]*`

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

Value Pattern: `[\p{L}\p{Z}\p{N}_.: /+=\ -@]*`

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

SendMessage

Sends a chat message and streams the response for the specified agent space execution

Request Syntax

```
POST /agents/agent-space/agentSpaceId/chat/sendMessage HTTP/1.1
Content-type: application/json
```

```
{
  "content": "string",
  "context": {
    "currentPage": "string",
    "lastMessage": "string",
    "userActionResponse": "string"
  },
  "executionId": "string",
  "userId": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

The agent space identifier

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

Request Body

The request accepts the following data in JSON format.

content

The user message content

Type: String

Length Constraints: Minimum length of 0. Maximum length of 32768.

Required: Yes

context

Optional context for the message

Type: [SendMessageContext](#) object

Required: No

executionId

The execution identifier for the chat session

Type: String

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

Pattern: [a-zA-Z0-9_.-]+

Required: Yes

userId

User identifier. This field is deprecated and will be ignored — the service resolves user identity from the authenticated session.

Type: String

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

Pattern: [a-zA-Z0-9_.-]+

Required: No

Response Syntax

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

{
  "contentBlockDelta": {
    "delta": { ... },
    "index": number,
```

```
  "sequenceNumber": number
},
"contentBlockStart": {
  "id": "string",
  "index": number,
  "parentId": "string",
  "sequenceNumber": number,
  "type": "string"
},
"contentBlockStop": {
  "index": number,
  "last": boolean,
  "sequenceNumber": number,
  "text": "string",
  "type": "string"
},
"heartbeat": {
},
"responseCompleted": {
  "responseId": "string",
  "sequenceNumber": number,
  "usage": {
    "inputTokens": number,
    "outputTokens": number,
    "totalTokens": number
  }
},
"responseCreated": {
  "responseId": "string",
  "sequenceNumber": number
},
"responseFailed": {
  "errorCode": "string",
  "errorMessage": "string",
  "responseId": "string",
  "sequenceNumber": number
},
"responseInProgress": {
  "responseId": "string",
  "sequenceNumber": number
},
"summary": {
  "content": "string",
  "sequenceNumber": 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.

contentBlockDelta

Emitted for each incremental content delta within a content block

Type: [SendMessageContentBlockDeltaEvent](#) object

contentBlockStart

Emitted when a new content block starts

Type: [SendMessageContentBlockStartEvent](#) object

contentBlockStop

Emitted when a content block is complete

Type: [SendMessageContentBlockStopEvent](#) object

heartbeat

Heartbeat event sent periodically to keep the connection alive during idle periods

Type: [SendMessageHeartbeatEvent](#) object

responseCompleted

Emitted when the response completes successfully

Type: [SendMessageResponseCompletedEvent](#) object

responseCreated

Emitted when the response is created

Type: [SendMessageResponseCreatedEvent](#) object

responseFailed

Emitted when the response fails

Type: [SendMessageResponseFailedEvent](#) object

[responseInProgress](#)

Emitted while the response is being generated

Type: [SendMessageResponseInProgressEvent](#) object

[summary](#)

Emitted to provide a summary of agent actions

Type: [SendMessageSummaryEvent](#) object

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerError

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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 tags for the specified AWS DevOps Agent resource.

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

The ARN of the resource to tag.

Pattern: `arn:aws:aidevops:[a-z0-9-]+\:\d{12}:(agentspace|service)/[a-zA-Z0-9-]+`

Required: Yes

Request Body

The request accepts the following data in JSON format.

tags

Tags to add to the resource.

Type: String to string map

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

Key Pattern: `[\p{L}\p{Z}\p{N}_.:/=+\-@]*`

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

Value Pattern: `[\p{L}\p{Z}\p{N}_.:/=+\-@]*`

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

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

HTTP Status Code: 400

See Also

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

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

UntagResource

Removes tags from the specified AWS DevOps Agent resource.

Request Syntax

```
DELETE /tags/resourceArn?tagKeys=tagKeys HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The ARN of the resource to untag.

Pattern: `arn:aws:aidevops:[a-z0-9-]+\:\d{12}:(agentspace|service)/[a-zA-Z0-9-]+`

Required: Yes

tagKeys

Tag keys to remove.

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

Pattern: `[\p{L}\p{Z}\p{N}_.:/=+\-@]*`

Required: Yes

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

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerError

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

HTTP Status Code: 400

See Also

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

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

UpdateAgentSpace

Updates the information of an existing AgentSpace.

Request Syntax

```
PATCH /v1/agentspaces/agentSpaceId HTTP/1.1  
Content-type: application/json
```

```
{  
  "description": "string",  
  "locale": "string",  
  "name": "string"  
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: `[a-zA-Z0-9-]{1,64}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The updated description of the AgentSpace.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: `[\p{L}\p{N}\p{P}\p{S}\p{Z}]+`

Required: No

locale

The updated locale for the AgentSpace, which determines the language used in agent responses.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 35.

Pattern: `[a-zA-Z]{2,3}(-[a-zA-Z0-9]{2,8})*`

Required: No

name

The updated name of the AgentSpace.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\p{L}\p{N}\p{P}\p{S}\p{Z}]+`

Required: No

Response Syntax

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

```
{
  "agentSpace": {
    "agentSpaceId": "string",
    "createdAt": "string",
    "description": "string",
    "kmsKeyArn": "string",
    "locale": "string",
    "name": "string",
    "updatedAt": "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.

agentSpace

Represents a complete AgentSpace with all its properties, timestamps, encryption settings, and unique identifier.

Type: [AgentSpace](#) object

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

UpdateAssociation

Partially updates the configuration of an existing service association for an AgentSpace. Present fields are fully replaced; absent fields are left unchanged. Returns 200 OK on success.

Request Syntax

```
PATCH /v1/agentspaces/agentSpaceId/associations/associationId HTTP/1.1
Content-type: application/json
```

```
{
  "configuration": { ... }
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: `[a-zA-Z0-9-]{1,64}`

Required: Yes

associationId

The unique identifier of the given association.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9-]+`

Required: Yes

Request Body

The request accepts the following data in JSON format.

configuration

The configuration that directs how AgentSpace interacts with the given service. The entire configuration is replaced on update.

Type: [ServiceConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

Response Syntax

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

{
  "association": {
    "agentSpaceId": "string",
    "associationId": "string",
    "configuration": { ... },
    "createdAt": "string",
    "serviceId": "string",
    "status": "string",
    "updatedAt": "string"
  },
  "webhook": {
    "apiKey": "string",
    "webhookId": "string",
    "webhookSecret": "string",
    "webhookType": "string",
    "webhookUrl": "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.

association

Represents a service association within an AgentSpace, defining how the agent interacts with external services.

Type: [Association](#) object

webhook

Generic webhook configuration

Type: [GenericWebhook](#) object

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

UpdateBacklogTask

Update an existing backlog task.

Request Syntax

```
PATCH /backlog/agent-space/agentSpaceId/tasks/taskId HTTP/1.1  
Content-type: application/json
```

```
{  
  "clientToken": "string",  
  "taskStatus": "string"  
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

The unique identifier for the agent space containing the task

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

taskId

The unique identifier of the task to update

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

Pattern: [a-zA-Z0-9_.-]+

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

Client-provided token for idempotent operations

Type: String

Required: No

taskStatus

Updated task status

Type: String

Valid Values: PENDING_TRIAGE | LINKED | PENDING_START | IN_PROGRESS | PENDING_CUSTOMER_APPROVAL | COMPLETED | FAILED | TIMED_OUT | CANCELED

Required: No

Response Syntax

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

{
  "task": {
    "agentSpaceId": "string",
    "createdAt": "string",
    "description": "string",
    "executionId": "string",
    "hasLinkedTasks": boolean,
    "metadata": JSON value,
    "primaryTaskId": "string",
    "priority": "string",
    "reference": {
      "associationId": "string",
      "referenceId": "string",
      "referenceUrl": "string",
      "system": "string",
      "title": "string"
    },
    "status": "string",
    "statusReason": "string",
    "supportMetadata": JSON value,
    "taskId": "string",
    "taskType": "string",
    "title": "string",
```

```
    "updatedAt": "string",  
    "version": number  
  }  
}
```

Response Elements

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

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

task

The updated task object

Type: [Task](#) object

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

UpdateGoal

Update an existing goal

Request Syntax

```
PATCH /backlog/agent-space/agentSpaceId/goals/goalId HTTP/1.1  
Content-type: application/json
```

```
{  
  "clientToken": "string",  
  "evaluationSchedule": {  
    "state": "string"  
  }  
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

The unique identifier for the agent space containing the goal

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

goalId

The unique identifier of the goal to update

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

Client-provided token for idempotent operations

Type: String

Required: No

evaluationSchedule

Update goal schedule state

Type: [GoalScheduleInput](#) object

Required: No

Response Syntax

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

{
  "goal": {
    "agentSpaceArn": "string",
    "content": {
      "description": "string",
      "objectives": "string"
    },
    "createdAt": "string",
    "evaluationSchedule": {
      "expression": "string",
      "state": "string"
    },
    "goalId": "string",
    "goalType": "string",
    "lastEvaluatedAt": "string",
    "lastSuccessfulTaskId": "string",
    "lastTaskId": "string",
    "status": "string",
    "title": "string",
    "updatedAt": "string",
    "version": number
  }
}
```

Response Elements

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

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

goal

The updated goal object

Type: [Goal](#) object

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

UpdateOperatorAppIdpConfig

Update the external Identity Provider configuration for the Operator App

Request Syntax

```
PATCH /v1/agentspaces/agentSpaceId/operator/idp HTTP/1.1
Content-type: application/json

{
  "idpClientSecret": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

Request Body

The request accepts the following data in JSON format.

idpClientSecret

The OIDC client secret for the IdP application

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

Response Syntax

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

{
  "agentSpaceId": "string",
  "idp": {
    "clientId": "string",
    "createdAt": "string",
    "issuerUrl": "string",
    "operatorAppRoleArn": "string",
    "provider": "string",
    "updatedAt": "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.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Type: String

Pattern: [a-zA-Z0-9-]{1,64}

idp

Configuration for external Identity Provider OIDC authentication flow for the Operator App.

Type: [IdpAuthConfiguration](#) object

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerError

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

UpdatePrivateConnectionCertificate

Updates the certificate associated with a Private Connection.

Request Syntax

```
POST /v1/private-connections/name/certificate HTTP/1.1
Content-type: application/json
```

```
{
  "certificate": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

name

The name of the Private Connection.

Length Constraints: Minimum length of 3. Maximum length of 30.

Pattern: `[a-z0-9]([a-z0-9-]*[a-z0-9])?`

Required: Yes

Request Body

The request accepts the following data in JSON format.

certificate

The new certificate for the Private Connection.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32768.

Required: Yes

Response Syntax

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

{
  "certificateExpiryTime": "string",
  "hostAddress": "string",
  "name": "string",
  "resourceConfigurationId": "string",
  "resourceGatewayId": "string",
  "status": "string",
  "type": "string",
  "vpcId": "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.

[certificateExpiryTime](#)

The expiry time of the certificate associated with the Private Connection. Only present when a certificate is associated.

Type: Timestamp

[hostAddress](#)

IP address or DNS name of the target resource. Only present for service-managed Private Connections.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 255.

Pattern: [a-zA-Z0-9.:\-]+

[name](#)

The name of the Private Connection.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 30.

Pattern: `[a-z0-9]([a-z0-9-]*[a-z0-9])?`

resourceConfigurationId

The Resource Configuration ARN. Only present for self-managed Private Connections.

Type: String

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

Pattern: `(arn:[a-z0-9\-\-]+:vpc-lattice:[a-zA-Z0-9\-\-]+:\d{12}:resourceconfiguration/rcfg-[0-9a-z]{17}|rcfg-[0-9a-z]{17})`

resourceGatewayId

The service-managed Resource Gateway ARN. Only present for service-managed Private Connections.

Type: String

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

Pattern: `arn:[a-z0-9\-\-]+:vpc-lattice:[a-zA-Z0-9\-\-]+:\d{12}:resourcegateway/rgw-[0-9a-z]{17}`

status

The status of the Private Connection.

Type: String

Valid Values: ACTIVE | CREATE_IN_PROGRESS | CREATE_FAILED | DELETE_IN_PROGRESS | DELETE_FAILED

type

The type of the Private Connection.

Type: String

Valid Values: SELF_MANAGED | SERVICE_MANAGED

vpId

VPC identifier of the service-managed Resource Gateway. Only present for service-managed Private Connections.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 50.

Pattern: vpc-(([0-9a-z]{8})|([0-9a-z]{17}))

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

UpdateRecommendation

Updates an existing recommendation with new content, status, or metadata

Request Syntax

```
PATCH /backlog/agent-space/agentSpaceId/recommendations/recommendationId HTTP/1.1  
Content-type: application/json
```

```
{  
  "additionalContext": "string",  
  "clientToken": "string",  
  "status": "string"  
}
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

The unique identifier for the agent space containing the recommendation

Pattern: [a-zA-Z0-9-]{1,64}

Required: Yes

recommendationId

The unique identifier for the recommendation to update

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

Pattern: [a-zA-Z0-9_.-]+

Required: Yes

Request Body

The request accepts the following data in JSON format.

additionalContext

Additional context for recommendation

Type: String

Required: No

clientToken

A unique token that ensures idempotency of the request

Type: String

Required: No

status

Current status of the recommendation

Type: String

Valid Values: PROPOSED | ACCEPTED | REJECTED | CLOSED | COMPLETED | UPDATE_IN_PROGRESS

Required: No

Response Syntax

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

{
  "recommendation": {
    "additionalContext": "string",
    "agentSpaceArn": "string",
    "content": {
      "spec": "string",
      "summary": "string"
    },
    "createdAt": "string",
    "goalId": "string",
    "goalVersion": number,
    "priority": "string",
```

```
"rankedAt": "string",  
"rankPosition": number,  
"recommendationId": "string",  
"status": "string",  
"taskId": "string",  
"title": "string",  
"updatedAt": "string",  
"version": number  
}  
}
```

Response Elements

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

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

recommendation

The updated recommendation

Type: [Recommendation](#) object

Errors

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

AccessDeniedException

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerErrorException

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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](#)

ValidateAwsAssociations

Validates an aws association and set status and returns a 204 No Content response on success.

Request Syntax

```
POST /v1/agentspaces/agentSpaceId/associations/validate HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Pattern: `[a-zA-Z0-9-]{1,64}`

Required: Yes

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

Access to the requested resource is denied due to insufficient permissions.

message

Detailed error message describing why access was denied.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

message

Detailed error message describing the conflict.

HTTP Status Code: 409

ContentSizeExceededException

This exception is thrown when the content size exceeds the allowed limit.

HTTP Status Code: 413

InternalServerError

This exception is thrown when an unexpected error occurs in the processing of a request.

HTTP Status Code: 500

InvalidParameterException

One or more parameters provided in the request are invalid.

message

Detailed error message describing which parameter is invalid and why.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource could not be found.

message

Detailed error message describing which resource was not found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed the service quota limit.

message

Detailed error message describing which quota was exceeded.

HTTP Status Code: 402

ThrottlingException

The request was throttled due to too many requests. Please slow down and try again.

message

Detailed error message describing the throttling condition.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of specific failures encountered while validating the input. A member can appear in this list more than once if it failed to satisfy multiple constraints.

message

A summary of the validation failure.

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 AWS DevOps Agent 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:

- [AdditionalServiceDetails](#)
- [AdditionalServiceRegistrationStep](#)
- [AgentSpace](#)
- [AssistantMessageBlock](#)
- [Association](#)
- [AWSConfiguration](#)
- [AzureConfiguration](#)
- [AzureDevOpsConfiguration](#)
- [ChatExecution](#)
- [DatadogAuthorizationConfig](#)
- [DatadogServiceDetails](#)
- [DynatraceConfiguration](#)
- [DynatraceOAuthClientCredentialsConfig](#)
- [DynatraceServiceAuthorizationConfig](#)
- [DynatraceServiceDetails](#)
- [EventChannelConfiguration](#)
- [EventChannelDetails](#)
- [Execution](#)
- [GenericWebhook](#)
- [GitHubConfiguration](#)

- [GitLabConfiguration](#)
- [GitLabDetails](#)
- [Goal](#)
- [GoalContent](#)
- [GoalSchedule](#)
- [GoalScheduleInput](#)
- [GrafanaServiceDetails](#)
- [IamAuthConfiguration](#)
- [IdcAuthConfiguration](#)
- [IdpAuthConfiguration](#)
- [JournalRecord](#)
- [MCPServerAPIKeyConfig](#)
- [MCPServerAuthorizationConfig](#)
- [MCPServerAuthorizationDiscoveryConfig](#)
- [MCPServerBearerTokenConfig](#)
- [MCPServerConfiguration](#)
- [MCPServerDatadogConfiguration](#)
- [MCPServerDetails](#)
- [MCPServerGrafanaConfiguration](#)
- [MCPServerNewRelicConfiguration](#)
- [MCPServerOAuth3LOConfig](#)
- [MCPServerOAuthClientCredentialsConfig](#)
- [MCPServerSplunkConfiguration](#)
- [Message](#)
- [NewRelicApiKeyConfig](#)
- [NewRelicServiceAuthorizationConfig](#)
- [NewRelicServiceDetails](#)
- [OAuthAdditionalStepDetails](#)
- [PagerDutyAuthorizationConfig](#)
- [PagerDutyConfiguration](#)

- [PagerDutyDetails](#)
- [PagerDutyOAuthClientCredentialsConfig](#)
- [PendingMessage](#)
- [PrivateConnectionMode](#)
- [PrivateConnectionSummary](#)
- [Recommendation](#)
- [RecommendationContent](#)
- [ReferenceInput](#)
- [ReferenceOutput](#)
- [RegisteredAzureDevOpsServiceDetails](#)
- [RegisteredAzureIdentityDetails](#)
- [RegisteredGithubServiceDetails](#)
- [RegisteredGitLabServiceDetails](#)
- [RegisteredGrafanaServerDetails](#)
- [RegisteredMCPServerDetails](#)
- [RegisteredNewRelicDetails](#)
- [RegisteredPagerDutyDetails](#)
- [RegisteredService](#)
- [RegisteredServiceNowDetails](#)
- [RegisteredSlackServiceDetails](#)
- [SelfManagedInput](#)
- [SendMessageContentBlockDelta](#)
- [SendMessageContentBlockDeltaEvent](#)
- [SendMessageContentBlockStartEvent](#)
- [SendMessageContentBlockStopEvent](#)
- [SendMessageContext](#)
- [SendMessageEvents](#)
- [SendMessageHeartbeatEvent](#)
- [SendMessageJsonDelta](#)
- [SendMessageResponseCompletedEvent](#)

- [SendMessageResponseCreatedEvent](#)
- [SendMessageResponseFailedEvent](#)
- [SendMessageResponseInProgressEvent](#)
- [SendMessageSummaryEvent](#)
- [SendMessageTextDelta](#)
- [SendMessageUsageInfo](#)
- [ServiceConfiguration](#)
- [ServiceDetails](#)
- [ServiceManagedInput](#)
- [ServiceNowConfiguration](#)
- [ServiceNowOAuthClientCredentialsConfig](#)
- [ServiceNowServiceAuthorizationConfig](#)
- [ServiceNowServiceDetails](#)
- [SlackChannel](#)
- [SlackConfiguration](#)
- [SlackTransmissionTarget](#)
- [SourceAwsConfiguration](#)
- [Task](#)
- [TaskFilter](#)
- [UsageMetric](#)
- [UserMessageBlock](#)
- [UserReference](#)
- [ValidationExceptionField](#)
- [Webhook](#)

AdditionalServiceDetails

Union of service-specific details for different service types.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

azuredevops

Azure DevOps specific service details.

Type: [RegisteredAzureDevOpsServiceDetails](#) object

Required: No

azureidentity

Azure identity details for services using Azure authentication.

Type: [RegisteredAzureIdentityDetails](#) object

Required: No

github

GitHub-specific service details.

Type: [RegisteredGithubServiceDetails](#) object

Required: No

gitlab

GitLab-specific service details.

Type: [RegisteredGitLabServiceDetails](#) object

Required: No

mcpserver

MCP server-specific service details.

Type: [RegisteredMCPServerDetails](#) object

Required: No

mcpserverdatadog

Datadog MCP server-specific service details.

Type: [RegisteredMCPServerDetails](#) object

Required: No

mcpservergrafana

Grafana MCP server-specific service details.

Type: [RegisteredGrafanaServerDetails](#) object

Required: No

mcpservernewrelic

New Relic MCP server-specific service details.

Type: [RegisteredNewRelicDetails](#) object

Required: No

mcpserversplunk

Splunk MCP server-specific service details.

Type: [RegisteredMCPServerDetails](#) object

Required: No

pagerduty

Pagerduty service details.

Type: [RegisteredPagerDutyDetails](#) object

Required: No

servicenow

ServiceNow-specific service details.

Type: [RegisteredServiceNowDetails](#) object

Required: No

slack

Slack-specific service details.

Type: [RegisteredSlackServiceDetails](#) 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](#)

AdditionalServiceRegistrationStep

Additional steps required to complete service registration.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

oauth

OAuth authorization step required.

Type: [OAuthAdditionalStepDetails](#) 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](#)

AgentSpace

Represents a complete AgentSpace with all its properties, timestamps, encryption settings, and unique identifier.

Contents

agentSpaceId

Unique identifier for an agent space (allows alphanumeric characters and hyphens; 1-64 characters)

Type: String

Pattern: `[a-zA-Z0-9-]{1,64}`

Required: Yes

createdAt

The timestamp when the resource was created.

Type: Timestamp

Required: Yes

name

The name of the AgentSpace.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\p{L}\p{N}\p{P}\p{S}\p{Z}]+`

Required: Yes

updatedAt

The timestamp when the resource was last updated.

Type: Timestamp

Required: Yes

description

The description of the AgentSpace.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: `[\p{L}\p{N}\p{P}\p{S}\p{Z}]+`

Required: No

kmsKeyArn

The ARN of the AWS Key Management Service (AWS KMS) customer managed key that's used to encrypt resources.

Type: String

Length Constraints: Minimum length of 20.

Pattern: `arn:aws[a-zA-Z-]*:kms:[a-z0-9-]+:[0-9]{12}:key/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: No

locale

The locale for the AgentSpace, which determines the language used in agent responses.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 35.

Pattern: `[a-zA-Z]{2,3}(-[a-zA-Z0-9]{2,8})*`

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](#)

AssistantMessageBlock

A block of content in an assistant message.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

text

Text content from the assistant.

Type: String

Required: No

toolUse

Tool use request from the assistant.

Type: JSON value

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](#)

Association

Represents a service association within an AgentSpace, defining how the agent interacts with external services.

Contents

agentSpaceId

The unique identifier of the AgentSpace

Type: String

Pattern: `[a-zA-Z0-9-]{1,64}`

Required: Yes

associationId

The unique identifier of the given association.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9-]+`

Required: Yes

configuration

The configuration that directs how AgentSpace interacts with the given service.

Type: [ServiceConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

createdAt

The timestamp when the resource was created.

Type: Timestamp

Required: Yes

serviceId

The identifier for associated service

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9_-]+

Required: Yes

updatedAt

The timestamp when the resource was last updated.

Type: Timestamp

Required: Yes

status

Validation status

Type: String

Valid Values: `valid` | `invalid` | `pending-confirmation`

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](#)

AWSConfiguration

Configuration for AWS monitor account integration, allowing AIDevOps to monitor AWS resources.

Contents

accountId

AWS Account Id corresponding to provided resources.

Type: String

Pattern: `\d{12}`

Required: Yes

accountType

Account Type 'monitor' for AIDevOps monitoring.

Type: String

Valid Values: `monitor`

Required: Yes

assumableRoleArn

Role ARN to be assumed by AIDevOps to operate on behalf of customer.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `arn:aws:iam::\d{12}:role/[a-zA-Z0-9+=, .@_/-]+`

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AzureConfiguration

Configuration for Azure subscription integration.

Contents

subscriptionId

Azure subscription ID corresponding to provided resources.

Type: String

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AzureDevOpsConfiguration

Configuration for Azure DevOps project integration.

Contents

organizationName

Azure DevOps organization name.

Type: String

Required: Yes

projectId

Azure DevOps project ID.

Type: String

Required: Yes

projectName

Azure DevOps project name.

Type: String

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ChatExecution

A single chat execution summary

Contents

createdAt

Timestamp when the chat was created

Type: Timestamp

Required: Yes

executionId

The unique identifier for the execution

Type: String

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

Pattern: [a-zA-Z0-9_.-]+

Required: Yes

summary

Summary or title of the chat

Type: String

Required: No

updatedAt

Timestamp when the chat 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](#)

DatadogAuthorizationConfig

Authorization configuration for Datadog MCP server (uses authorization discovery only).

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

authorizationDiscovery

Datadog MCP server authorization discovery configuration.

Type: [MCPServerAuthorizationDiscoveryConfig](#) 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](#)

DatadogServiceDetails

Complete service details for Datadog MCP server integration.

Contents

authorizationConfig

Datadog MCP server authorization configuration (only authorization discovery is supported).

Type: [DatadogAuthorizationConfig](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

endpoint

MCP server endpoint URL.

Type: String

Pattern: `https://[a-zA-Z0-9.-]+(?::[0-9]+)?(?:/.*)?`

Required: Yes

name

MCP server name.

Type: String

Pattern: `[a-zA-Z0-9_-]+`

Required: Yes

description

Optional description for the MCP server.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 500.

Pattern: `[\p{L}\p{N}\p{P}\p{S}\p{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](#)

DynatraceConfiguration

Configuration for Dynatrace monitoring integration.

Contents

envId

Dynatrace environment id

Type: String

Required: Yes

resources

List of Dynatrace resources to monitor

Type: Array of strings

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](#)

DynatraceOAuthClientCredentialsConfig

OAuth client credentials configuration for Dynatrace.

Contents

clientId

OAuth client ID for authenticating with the service.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9._-]+

Required: Yes

clientSecret

OAuth client secret for authenticating with the service.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Pattern: [\\S]+

Required: Yes

clientName

User friendly OAuth client name specified by end user.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [\\p{L}\\p{N}\\p{Z}._-]+

Required: No

exchangeParameters

OAuth token exchange parameters for authenticating with the service.

Type: String to string map

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

DynatraceServiceAuthorizationConfig

Authorization configuration options for Dynatrace service.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

oAuthClientCredentials

OAuth client credentials configuration.

Type: [DynatraceOAuthClientCredentialsConfig](#) 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](#)

DynatraceServiceDetails

Complete service details for Dynatrace integration.

Contents

accountUrn

Dynatrace resource account urn.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

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

Required: Yes

authorizationConfig

Dynatrace OAuth client credentials configuration. Use this when registering with OAuth client credentials flow.

Type: [DynatraceServiceAuthorizationConfig](#) 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](#)

EventChannelConfiguration

Configuration for Event Channel integration.

Contents

The members of this exception structure are context-dependent.

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](#)

EventChannelDetails

Service details for Event Channel integration.

Contents

type

The type of event channel

Type: String

Valid Values: webhook

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](#)

Execution

Represents an execution instance with its lifecycle information

Contents

agentSpaceId

The unique identifier for the agent space containing this execution

Type: String

Required: Yes

agentSubTask

The specific subtask being executed by the agent

Type: String

Required: Yes

createdAt

Timestamp when this execution was created

Type: Timestamp

Required: Yes

executionId

The unique identifier for this execution

Type: String

Required: Yes

executionStatus

The current status of this execution

Type: String

Valid Values: FAILED | RUNNING | STOPPED | CANCELED | TIMED_OUT

Required: Yes

updatedAt

Timestamp when this execution was last updated

Type: Timestamp

Required: Yes

agentType

The type of agent that performed this execution.

Type: String

Required: No

parentExecutionId

The identifier of the parent execution, if this is a child execution

Type: String

Required: No

uid

The unique identifier for the user session associated with this execution

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GenericWebhook

Generic webhook configuration for services that support webhook notifications.

Contents

apiKey

API Key for API Key webhook authentication

Type: String

Length Constraints: Minimum length of 1.

Required: No

webhookId

The unique webhook identifier

Type: String

Required: No

webhookSecret

The webhook secret for authentication

Type: String

Required: No

webhookType

The webhook authentication type

Type: String

Valid Values: `hmac` | `apikey` | `gitlab` | `pagerduty`

Required: No

webhookUrl

The webhook URL endpoint

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GitHubConfiguration

Configuration for GitHub repository integration.

Contents

owner

The GitHub repository owner name.

Type: String

Required: Yes

ownerType

Type of GitHub repository owner.

Type: String

Valid Values: organization | user

Required: Yes

repoId

Associated Github repo ID

Type: String

Required: Yes

repoName

Associated Github repo name

Type: String

Required: Yes

instanceIdentifier

GitHub instance identifier (e.g., github.com or github.enterprise.com)

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GitLabConfiguration

Configuration for GitLab project integration.

Contents

projectId

GitLab numeric project ID.

Type: String

Required: Yes

projectPath

Full GitLab project path (e.g., namespace/project-name).

Type: String

Required: Yes

instanceIdentifier

GitLab instance identifier (e.g., gitlab.com or e2e.gamma.dev.us-east-1.gitlab.falco.ai.aws.dev)

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GitLabDetails

Service details for GitLab integration.

Contents

targetUrl

GitLab instance URL (e.g., `https://gitlab.com` or self-hosted instance).

Type: String

Pattern: `https://[a-zA-Z0-9]([a-zA-Z0-9.-]*[a-zA-Z0-9])?(?:::[0-9]{1,5})?/?`

Required: Yes

tokenType

Type of GitLab access token

Type: String

Valid Values: `personal` | `group`

Required: Yes

tokenValue

GitLab access token value

Type: String

Pattern: `[a-zA-Z0-9._-]+`

Required: Yes

groupId

Optional GitLab group ID for group-level access tokens

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Goal

Represents a goal with all its properties and metadata

Contents

agentSpaceArn

The unique identifier for the agent space containing this goal

Type: String

Required: Yes

content

Content of the goal

Type: [GoalContent](#) object

Required: Yes

createdAt

Timestamp when this goal was created

Type: Timestamp

Required: Yes

goalId

The unique identifier for this goal

Type: String

Required: Yes

goalType

Type of goal based on its origin

Type: String

Valid Values: CUSTOMER_DEFINED | ONCALL_REPORT

Required: Yes

status

Current status of the goal itself

Type: String

Valid Values: ACTIVE | PAUSED | COMPLETE

Required: Yes

title

The title of the goal

Type: String

Required: Yes

updatedAt

Timestamp when this goal was last updated

Type: Timestamp

Required: Yes

version

Version number for optimistic locking

Type: Integer

Required: Yes

evaluationSchedule

Goal Schedule. Allows to schedule the goal to run periodically, as well as disable a goal temporarily

Type: [GoalSchedule](#) object

Required: No

lastEvaluatedAt

Timestamp when the goal was last evaluated

Type: Timestamp

Required: No

lastSuccessfulTaskId

ID of the most recent successful task associated with this goal

Type: String

Required: No

lastTaskId

ID of the most recent task associated with this goal

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GoalContent

Content of a goal

Contents

description

A detailed description of the goal.

Type: String

Required: Yes

objectives

The objectives to be achieved for this goal.

Type: String

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GoalSchedule

Schedule configuration for goal evaluations

Contents

state

Whether the schedule is enabled or disabled

Type: String

Valid Values: ENABLED | DISABLED

Required: Yes

expression

Schedule expression (e.g., 'rate(7 days)')

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GoalScheduleInput

Schedule configuration for updating goal evaluations

Contents

state

Whether the schedule is enabled or disabled

Type: String

Valid Values: ENABLED | DISABLED

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](#)

GrafanaServiceDetails

Complete service details for Grafana MCP server integration.

Contents

authorizationConfig

Grafana MCP server authorization configuration (experimental).

Type: [MCPServerAuthorizationConfig](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

endpoint

MCP server endpoint URL.

Type: String

Pattern: `https://[a-zA-Z0-9.-]+(?::[0-9]+)?(?:/.*)?`

Required: Yes

name

MCP server name.

Type: String

Pattern: `[a-zA-Z0-9_-]+`

Required: Yes

description

Optional description for the MCP server.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 500.

Pattern: `[\p{L}\p{N}\p{P}\p{S}\p{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](#)

IamAuthConfiguration

Configuration for IAM-based authentication flow for the Operator App.

Contents

createdAt

The timestamp when the Operator App IAM auth flow was enabled.

Type: Timestamp

Required: Yes

operatorAppRoleArn

The IAM role end users assume to access AIDevOps APIs

Type: String

Required: Yes

updatedAt

The timestamp when the Operator App IAM auth flow was 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](#)

IdcAuthConfiguration

Configuration for AWS Identity Center (IdC) authentication flow for the Operator App.

Contents

createdAt

The timestamp when the Operator App IdC auth flow was enabled.

Type: Timestamp

Required: Yes

idcInstanceArn

The IdC instance Arn used to create an IdC auth application

Type: String

Required: Yes

operatorAppRoleArn

The IAM role end users assume to access AIDevOps APIs

Type: String

Required: Yes

idcApplicationArn

The IdC application Arn created for IdC auth

Type: String

Required: No

updatedAt

The timestamp when the Operator App IdC auth flow was 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](#)

IdpAuthConfiguration

Configuration for external Identity Provider OIDC authentication flow for the Operator App.

Contents

clientId

The OIDC client ID for the IdP application

Type: String

Required: Yes

createdAt

The timestamp when the Operator App IdP auth flow was enabled.

Type: Timestamp

Required: Yes

issuerUrl

The OIDC issuer URL of the external Identity Provider

Type: String

Required: Yes

operatorAppRoleArn

The IAM role end users assume to access AIDevOps APIs

Type: String

Required: Yes

provider

The Identity Provider name (e.g., Entra, Okta, Google)

Type: String

Required: Yes

updatedAt

The timestamp when the Operator App IdP auth flow was 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](#)

JournalRecord

Represents a journal record containing execution details and content

Contents

agentSpaceId

The unique identifier for the agent space containing this record

Type: String

Required: Yes

content

The content of this journal record

Type: JSON value

Required: Yes

createdAt

Timestamp when this journal record was created

Type: Timestamp

Required: Yes

executionId

The execution ID associated with this journal record

Type: String

Required: Yes

recordId

The unique identifier for this journal record

Type: String

Required: Yes

recordType

The type of this journal record

Type: String

Required: Yes

userReference

Reference to the user associated with this journal record

Type: [UserReference](#) 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](#)

MCPServerAPIKeyConfig

API key configuration for MCP server.

Contents

apiKeyHeader

HTTP header name to send the API key in requests to the service.

Type: String

Pattern: `[a-zA-Z0-9-_\+]`

Required: Yes

apiKeyName

User friendly API key name specified by end user.

Type: String

Pattern: `[a-zA-Z0-9_\s-]\+`

Required: Yes

apiKeyValue

API key value for authenticating with the service.

Type: String

Length Constraints: Minimum length of 1.

Pattern: `[!~]([\t]*[!~])*`

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](#)

MCPServerAuthorizationConfig

Authorization configuration options for MCP server, supporting OAuth, API key, bearer token, and authorization discovery methods.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

apiKey

MCP server configuration with API key authentication.

Type: [MCPServerAPIKeyConfig](#) object

Required: No

authorizationDiscovery

MCP server authorization discovery configuration.

Type: [MCPServerAuthorizationDiscoveryConfig](#) object

Required: No

bearerToken

MCP server configuration with Bearer token (RFC 6750).

Type: [MCPServerBearerTokenConfig](#) object

Required: No

oAuth3LO

MCP server configuration with OAuth 3LO.

Type: [MCPServerOAuth3LOConfig](#) object

Required: No

oAuthClientCredentials

MCP server configuration with OAuth client credentials.

Type: [MCPServerOAuthClientCredentialsConfig](#) 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](#)

MCPServerAuthorizationDiscoveryConfig

Authorization discovery configuration for MCP server.

Contents

returnToEndpoint

The endpoint to return to after OAuth flow completes (must be AWS console domain)

Type: String

Pattern: `https://[a-zA-Z0-9.-]*\.(console\.(aws|aws-dev)|awsc-(integ|preprod)\.aws)\.amazon\.com(/.*)?`

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](#)

MCPServerBearerTokenConfig

Bearer token configuration for MCP server (RFC 6750).

Contents

tokenName

User friendly bearer token name specified by end user.

Type: String

Pattern: [a-zA-Z0-9_\s-]+

Required: Yes

tokenValue

Bearer token value in alphanumeric for authenticating with the service.

Type: String

Pattern: [\S]+

Required: Yes

authorizationHeader

HTTP header name to send the bearer token in requests to the service. Defaults to 'Authorization' per RFC 6750.

Type: String

Pattern: [a-zA-Z0-9-]+

Required: No

See Also

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

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MCPServerConfiguration

Configuration for Model Context Protocol (MCP) server integration.

Contents

tools

List of MCP tools can be used with the association.

Type: Array of strings

Pattern: [a-zA-Z0-9_-]+

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MCPServerDatadogConfiguration

Mixin for webhook update support.

Contents

The members of this exception structure are context-dependent.

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](#)

MCPServerDetails

Complete service details for MCP server integration.

Contents

authorizationConfig

MCP server authorization configuration.

Type: [MCPServerAuthorizationConfig](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

endpoint

MCP server endpoint URL.

Type: String

Pattern: `https://[a-zA-Z0-9.-]+(?::[0-9]+)?(?:/.*)?`

Required: Yes

name

MCP server name.

Type: String

Pattern: `[a-zA-Z0-9_-]+`

Required: Yes

description

Optional description for the MCP server.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 500.

Pattern: `[\p{L}\p{N}\p{P}\p{S}\p{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](#)

MCPServerGrafanaConfiguration

Configuration for Grafana MCP server integration, used with an AWS-hosted MCP server.

Contents

endpoint

Grafana instance URL (e.g., `https://your-instance.grafana.net`)

Type: String

Pattern: `https://[a-zA-Z0-9.-]+(?::[0-9]+)?(?:/.*)?`

Required: Yes

organizationId

The Grafana organization ID that can be used.

Type: String

Pattern: `[0-9]+`

Required: No

tools

List of MCP tools that can be used.

Type: Array of strings

Pattern: `[a-zA-Z0-9_-]+`

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

MCPServerNewRelicConfiguration

Mixin for webhook update support.

Contents

accountId

New Relic Account ID

Type: String

Length Constraints: Minimum length of 3. Maximum length of 7.

Pattern: [0-9]+

Required: Yes

endpoint

MCP server endpoint URL (e.g., <https://mcp.newrelic.com/mcp/>)

Type: String

Pattern: `https://[a-zA-Z0-9.-]+(?::[0-9]+)?(?:/.*)?`

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MCPServerOAuth3LOConfig

OAuth 3-legged authorization configuration for MCP server.

Contents

authorizationUrl

OAuth authorization URL for 3LO authentication.

Type: String

Pattern: `https://[a-zA-Z0-9.-]+(?::[0-9]+)?(?:/.*)?`

Required: Yes

clientId

OAuth client ID for authenticating with the service.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9._-]+`

Required: Yes

exchangeUrl

OAuth token exchange URL.

Type: String

Pattern: `https://[a-zA-Z0-9.-]+(?::[0-9]+)?(?:/.*)?`

Required: Yes

returnToEndpoint

The endpoint to return to after OAuth flow completes (must be AWS console domain)

Type: String

Pattern: `https://[a-zA-Z0-9.-]*\.(console\.(aws|aws-dev)|awsc-(integ|preprod)\.aws)\.amazon\.com(/.*)?`

Required: Yes

clientName

User friendly OAuth client name specified by end user.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `[\p{L}\p{N}\p{Z}._-]+`

Required: No

clientSecret

OAuth client secret for authenticating with the service. Required for confidential clients or when PKCE is not supported. Optional for public clients using PKCE.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Pattern: `[\S]+`

Required: No

exchangeParameters

OAuth token exchange parameters for authenticating with the service.

Type: String to string map

Required: No

scopes

OAuth scopes for 3LO authentication. The service will always request scope `offline_access`.

Type: Array of strings

Required: No

supportCodeChallenge

Whether the service supports PKCE (Proof Key for Code Exchange) for enhanced security during the OAuth flow.

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](#)

MCPServerOAuthClientCredentialsConfig

OAuth client credentials configuration for MCP server.

Contents

clientId

OAuth client ID for authenticating with the service.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9._-]+

Required: Yes

clientSecret

OAuth client secret for authenticating with the service.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Pattern: [\\S]+

Required: Yes

exchangeUrl

OAuth token exchange URL.

Type: String

Pattern: https://[a-zA-Z0-9.-]+(?::[0-9]+)?(?:/.*)?

Required: Yes

clientName

User friendly OAuth client name specified by end user.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `[\p{L}\p{N}\p{Z}._ -]+`

Required: No

exchangeParameters

OAuth token exchange parameters for authenticating with the service.

Type: String to string map

Required: No

scopes

OAuth scopes for 3LO authentication. The service will always request scope `offline_access`.

Type: Array of strings

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](#)

MCPServerSplunkConfiguration

Mixin for webhook update support.

Contents

The members of this exception structure are context-dependent.

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](#)

Message

A message in a conversation, either from the user or the assistant.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

assistantMessage

A message from the assistant.

Type: Array of [AssistantMessageBlock](#) objects

Required: No

userMessage

A message from the user.

Type: Array of [UserMessageBlock](#) 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](#)

NewRelicApiKeyConfig

API key authentication configuration for New Relic service.

Contents

accountId

New Relic Account ID

Type: String

Length Constraints: Minimum length of 3. Maximum length of 7.

Pattern: [0-9]+

Required: Yes

apiKey

New Relic User API Key

Type: String

Length Constraints: Minimum length of 1.

Pattern: NRAK-[A-Z0-9]+

Required: Yes

region

New Relic region (US or EU)

Type: String

Valid Values: US | EU

Required: Yes

alertPolicyIds

List of alert policy IDs grouping related conditions

Type: Array of strings

Pattern: [0-9]+

Required: No

applicationIds

List of monitored APM application IDs in New Relic

Type: Array of strings

Pattern: [0-9]+

Required: No

entityGuids

List of globally unique IDs for New Relic resources (apps, hosts, services)

Type: Array of strings

Pattern: [a-zA-Z0-9_.-]+

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

NewRelicServiceAuthorizationConfig

Authorization configuration options for New Relic service.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

apiKey

New Relic API Key authentication (apiKey, accountId, region).

Type: [NewRelicApiKeyConfig](#) 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](#)

NewRelicServiceDetails

Complete service details for New Relic integration.

Contents

authorizationConfig

New Relic MCP server authorization configuration.

Type: [NewRelicServiceAuthorizationConfig](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

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](#)

OAuthAdditionalStepDetails

Details for completing OAuth authorization step.

Contents

authorizationUrl

The URL to redirect the user to for OAuth authorization.

Type: String

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PagerDutyAuthorizationConfig

Authorization configuration options for PagerDuty service.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

oAuthClientCredentials

OAuth client credentials configuration.

Type: [PagerDutyOAuthClientCredentialsConfig](#) 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](#)

PagerDutyConfiguration

Configuration for Pagerduty integration.

Contents

customerEmail

Email to be used in Pagerduty API header

Type: String

Pattern: `[a-zA-Z0-9._%+\-]+@[a-zA-Z0-9.\-]+\.[a-zA-Z]{2,}`

Required: Yes

services

List of Pagerduty service available for the association.

Type: Array of strings

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PagerDutyDetails

Complete service details for PagerDuty integration

Contents

authorizationConfig

PagerDuty authorization configuration

Type: [PagerDutyAuthorizationConfig](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

scopes

PagerDuty scopes.

Type: Array of strings

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PagerDutyOAuthClientCredentialsConfig

OAuth client credentials configuration for PagerDuty.

Contents

clientId

OAuth client ID for authenticating with the service.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9._-]+

Required: Yes

clientSecret

OAuth client secret for authenticating with the service.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Pattern: [\S]+

Required: Yes

clientName

User friendly OAuth client name specified by end user.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [\p{L}\p{N}\p{Z}._-]+

Required: No

exchangeParameters

OAuth token exchange parameters for authenticating with the service.

Type: String to string map

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PendingMessage

Represents a pending message in an agent execution.

Contents

message

The message content.

Type: [Message](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

messageId

The unique identifier for this pending message.

Type: String

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PrivateConnectionMode

Private Connection mode — either service-managed or self-managed.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

selfManaged

Caller manages their own resource configuration.

Type: [SelfManagedInput](#) object

Required: No

serviceManaged

Service manages the Resource Gateway lifecycle.

Type: [ServiceManagedInput](#) 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](#)

PrivateConnectionSummary

Summary of a Private Connection.

Contents

name

The name of the Private Connection.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 30.

Pattern: `[a-z0-9]([a-z0-9-]*[a-z0-9])?`

Required: Yes

status

The status of the Private Connection.

Type: String

Valid Values: ACTIVE | CREATE_IN_PROGRESS | CREATE_FAILED | DELETE_IN_PROGRESS | DELETE_FAILED

Required: Yes

type

The type of the Private Connection.

Type: String

Valid Values: SELF_MANAGED | SERVICE_MANAGED

Required: Yes

certificateExpiryTime

The expiry time of the certificate associated with the Private Connection. Only present when a certificate is associated.

Type: Timestamp

Required: No

hostAddress

IP address or DNS name of the target resource. Only present for service-managed Private Connections.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 255.

Pattern: `[a-zA-Z0-9.\-]+`

Required: No

resourceConfigurationId

The Resource Configuration ARN. Only present for self-managed Private Connections.

Type: String

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

Pattern: `(arn:[a-z0-9\-\-]+:vpc-lattice:[a-zA-Z0-9\-\-]+:\d{12}:resourceconfiguration/rcfg-[0-9a-z]{17}|rcfg-[0-9a-z]{17})`

Required: No

resourceGatewayId

The service-managed Resource Gateway ARN. Only present for service-managed Private Connections.

Type: String

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

Pattern: `arn:[a-z0-9\-\-]+:vpc-lattice:[a-zA-Z0-9\-\-]+:\d{12}:resourcegateway/rgw-[0-9a-z]{17}`

Required: No

vpclId

VPC identifier of the service-managed Resource Gateway. Only present for service-managed Private Connections.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 50.

Pattern: `vpc-(([0-9a-z]{8})|([0-9a-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](#)

Recommendation

Represents a recommendation with all its properties and metadata

Contents

agentSpaceArn

ARN of the agent space this recommendation belongs to

Type: String

Required: Yes

content

Content of the recommendation

Type: [RecommendationContent](#) object

Required: Yes

createdAt

Timestamp when this recommendation was created

Type: Timestamp

Required: Yes

priority

Priority level of the recommendation

Type: String

Valid Values: HIGH | MEDIUM | LOW

Required: Yes

recommendationId

The unique identifier for this recommendation

Type: String

Required: Yes

status

Current status of the recommendation

Type: String

Valid Values: PROPOSED | ACCEPTED | REJECTED | CLOSED | COMPLETED | UPDATE_IN_PROGRESS

Required: Yes

taskId

ID of the task that generated the recommendation

Type: String

Required: Yes

title

The title of the recommendation

Type: String

Required: Yes

updatedAt

Timestamp when this recommendation was last updated

Type: Timestamp

Required: Yes

version

Version number for optimistic locking

Type: Long

Required: Yes

additionalContext

Additional context for recommendation

Type: String

Required: No

goalId

ID of the goal this recommendation is associated with

Type: String

Required: No

goalVersion

Version of the goal at the time this recommendation was generated

Type: Long

Required: No

rankedAt

Timestamp when the recommendation was last ranked

Type: Timestamp

Required: No

rankPosition

Position in ranked list (1 = highest priority)

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](#)

RecommendationContent

Content of a recommendation

Contents

summary

A brief summary of the recommendation.

Type: String

Required: Yes

spec

Agent-ready specification with detailed implementation steps

Type: String

Length Constraints: Minimum length of 0. Maximum length of 100000.

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ReferenceInput

Reference information linking a task to external systems - for input with validation

Contents

associationId

Association identifier of the external system

Type: String

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

Pattern: [a-zA-Z0-9_.-]+

Required: Yes

referenceId

The unique identifier in the external system

Type: String

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

Pattern: [a-zA-Z0-9_.-]+

Required: Yes

referenceUrl

URL to access the reference in the external system

Type: String

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

Required: Yes

system

The name of the external system

Type: String

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

Required: Yes

title

Optional title for the reference

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

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](#)

ReferenceOutput

Reference information linking a task to external systems - for output without validation

Contents

associationId

Association identifier of the external system

Type: String

Required: Yes

referenceId

The unique identifier in the external system

Type: String

Required: Yes

referenceUrl

URL to access the reference in the external system

Type: String

Required: Yes

system

The name of the external system

Type: String

Required: Yes

title

Optional title for the reference

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegisteredAzureDevOpsServiceDetails

Details specific to a registered Azure DevOps service.

Contents

organizationName

The Azure DevOps Organization name associated with the service.

Type: String

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegisteredAzureIdentityDetails

Details specific to a registered Azure identity using AWS Outbound Identity Federation.

Contents

clientId

The client ID of the service principal or managed identity used for authentication.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 36.

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

Required: Yes

tenantId

The Azure Active Directory tenant ID for the identity.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 36.

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

Required: Yes

webIdentityRoleArn

The role ARN to be assumed by DevOps Agent for requesting Web Identity Token.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `arn:aws:iam::\d{12}:role/[a-zA-Z0-9+=, .@_/-]+`

Required: Yes

webIdentityTokenAudiences

The audiences for the Web Identity Token.

Type: Array of strings

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegisteredGithubServiceDetails

Details specific to a registered GitHub service.

Contents

owner

The GitHub repository owner name.

Type: String

Required: Yes

ownerType

The GitHub repository owner type.

Type: String

Valid Values: `organization` | `user`

Required: Yes

targetUrl

The GitHub Enterprise Server instance URL (absent for github.com).

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegisteredGitLabServiceDetails

Details specific to a registered GitLab instance.

Contents

targetUrl

The GitLab instance URL.

Type: String

Required: Yes

tokenType

Type of GitLab access token

Type: String

Valid Values: `personal` | `group`

Required: Yes

groupId

Optional GitLab group ID for group-level access tokens

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegisteredGrafanaServerDetails

Details specific to a registered Grafana server, used by the built-in MCP server.

Contents

authorizationMethod

The authz method used by the MCP server.

Type: String

Valid Values: `oauth-client-credentials` | `oauth-3lo` | `api-key` | `bearer-token`

Required: Yes

endpoint

Grafana instance URL (e.g., `https://your-instance.grafana.net`)

Type: String

Pattern: `https://[a-zA-Z0-9.-]+(?::[0-9]+)?(?:/.*)?`

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegisteredMCPServerDetails

Details specific to a registered MCP (Model Context Protocol) server.

Contents

authorizationMethod

The MCP server uses this authorization method.

Type: String

Valid Values: `oauth-client-credentials` | `oauth-3lo` | `api-key` | `bearer-token`

Required: Yes

endpoint

The MCP server endpoint URL.

Type: String

Required: Yes

name

The MCP server name.

Type: String

Required: Yes

apiKeyHeader

If the MCP server uses API key authentication, these details are provided.

Type: String

Required: No

description

Optional description for the MCP server.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: `[\p{L}\p{N}\p{P}\p{S}\p{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](#)

RegisteredNewRelicDetails

Details specific to a registered NewRelic instance.

Contents

accountId

The NewRelic account ID.

Type: String

Required: Yes

region

The NewRelic region (determines API endpoint).

Type: String

Valid Values: US | EU

Required: Yes

description

Optional user description.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: `[\p{L}\p{N}\p{P}\p{S}\p{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](#)

RegisteredPagerDutyDetails

Details specific to a registered PagerDuty service.

Contents

scopes

The scopes that were assigned to the service

Type: Array of strings

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegisteredService

Represents a registered service with its configuration and accessible resources.

Contents

serviceId

The unique identifier of a service.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9_-]+`

Required: Yes

serviceType

The service type e.g github or dynatrace

Type: String

Valid Values: `github | slack | azure | azuredevops | dynatrace | servicenow | pagerduty | gitlab | eventChannel | mcpservernewrelic | mcpservergrafana | mcpserverdatadog | mcpserver | mcpserversplunk | azureidentity`

Required: Yes

accessibleResources

List of accessible resources for this service.

Type: Array of JSON values

Required: No

additionalServiceDetails

Additional details specific to the service type.

Type: [AdditionalServiceDetails](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

kmsKeyArn

The ARN of the AWS Key Management Service (AWS KMS) customer managed key that's used to encrypt resources.

Type: String

Length Constraints: Minimum length of 20.

Pattern: `arn:aws[a-zA-Z-]*:kms:[a-z0-9-]+:[0-9]{12}:key/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: No

name

The display name of the registered service.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\p{L}\p{N}\p{P}\p{S}\p{Z}]+`

Required: No

privateConnectionName

The name of the private connection used for VPC connectivity.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 30.

Pattern: `[a-z0-9]([a-z0-9-]*[a-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](#)

RegisteredServiceNowDetails

Details specific to a registered ServiceNow instance.

Contents

instanceUrl

The ServiceNow instance url

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `https://[a-zA-Z0-9]([a-zA-Z0-9.-]*[a-zA-Z0-9])\.service-now\.com/?`

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](#)

RegisteredSlackServiceDetails

Details specific to a registered Slack workspace.

Contents

teamId

The Slack team ID.

Type: String

Required: Yes

teamName

The Slack team name.

Type: String

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SelfManagedInput

Configuration for a self-managed Private Connection.

Contents

resourceConfigurationId

The ID or ARN of the resource configuration.

Type: String

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

Pattern: (arn:[a-z0-9\-\-]+:vpc-lattice:[a-zA-Z0-9\-\-]+:
\d{12}:resourceconfiguration/rcfg-[0-9a-z]{17}|rcfg-[0-9a-z]{17})

Required: Yes

certificate

Certificate for the Private Connection.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32768.

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](#)

SendMessageContentBlockDelta

Union of possible delta payloads within a content block delta event

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

jsonDelta

JSON delta for structured content blocks

Type: [SendMessageJsonDelta](#) object

Required: No

textDelta

Text delta for text-based content blocks

Type: [SendMessageTextDelta](#) 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](#)

SendMessageContentBlockDeltaEvent

Event emitted for each incremental content delta within a content block

Contents

delta

The incremental content delta

Type: [SendMessageContentBlockDelta](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

index

Zero-based index of the content block

Type: Integer

Required: No

sequenceNumber

Event sequence number

Type: Integer

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](#)

SendMessageContentBlockStartEvent

Event emitted when a new content block starts

Contents

id

Block identifier

Type: String

Required: No

index

Zero-based index of the content block

Type: Integer

Required: No

parentId

Optional parent block ID for nested content blocks (e.g. subagent tool calls)

Type: String

Required: No

sequenceNumber

Event sequence number

Type: Integer

Required: No

type

The type of content in this block

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SendMessageContentBlockStopEvent

Event emitted when a content block is complete

Contents

index

Zero-based index of the content block

Type: Integer

Required: No

last

Whether this is the final content block in the response

Type: Boolean

Required: No

sequenceNumber

Event sequence number

Type: Integer

Required: No

text

The accumulated complete content text

Type: String

Required: No

type

The type of content in this block

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SendMessageContext

Context object for additional message metadata

Contents

currentPage

The current page or view the user is on

Type: String

Required: No

lastMessage

The ID of the last message in the conversation

Type: String

Required: No

userActionResponse

Response to a UI prompt (not a text conversation message)

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SendMessageEvents

Event stream for chat message responses using the content block model. Events follow a lifecycle: responseCreated -> responseInProgress -> (contentBlockStart/contentBlockDelta/contentBlockStop events) -> responseCompleted|responseFailed SendMessage always uses content block mode — legacy per-field events (outputTextDelta, functionCallArgumentsDelta, etc.) are not emitted.

Contents

contentBlockDelta

Emitted for each incremental content delta within a content block

Type: [SendMessageContentBlockDeltaEvent](#) object

Required: No

contentBlockStart

Emitted when a new content block starts

Type: [SendMessageContentBlockStartEvent](#) object

Required: No

contentBlockStop

Emitted when a content block is complete

Type: [SendMessageContentBlockStopEvent](#) object

Required: No

heartbeat

Heartbeat event sent periodically to keep the connection alive during idle periods

Type: [SendMessageHeartbeatEvent](#) object

Required: No

responseCompleted

Emitted when the response completes successfully

Type: [SendMessageResponseCompletedEvent](#) object

Required: No

responseCreated

Emitted when the response is created

Type: [SendMessageResponseCreatedEvent](#) object

Required: No

responseFailed

Emitted when the response fails

Type: [SendMessageResponseFailedEvent](#) object

Required: No

responseInProgress

Emitted while the response is being generated

Type: [SendMessageResponseInProgressEvent](#) object

Required: No

summary

Emitted to provide a summary of agent actions

Type: [SendMessageSummaryEvent](#) 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](#)

SendMessageHeartbeatEvent

Heartbeat event to keep connection alive

Contents

The members of this exception structure are context-dependent.

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](#)

SendMessageJsonDelta

JSON delta containing partial JSON

Contents

partialJson

Partial JSON string

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SendMessageResponseCompletedEvent

Event emitted when the response completes successfully

Contents

responseId

The response ID

Type: String

Required: No

sequenceNumber

Event sequence number

Type: Integer

Required: No

usage

Token usage information

Type: [SendMessageUsageInfo](#) 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](#)

SendMessageResponseCreatedEvent

Event emitted when the response is created

Contents

responseId

The response ID

Type: String

Required: No

sequenceNumber

Event sequence number

Type: Integer

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](#)

SendMessageResponseFailedEvent

Event emitted when the response fails

Contents

errorCode

Error code

Type: String

Required: No

errorMessage

Error message

Type: String

Required: No

responseId

The response ID

Type: String

Required: No

sequenceNumber

Event sequence number

Type: Integer

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](#)

SendMessageResponseInProgressEvent

Event emitted while the response is being generated

Contents

responseId

The response ID

Type: String

Required: No

sequenceNumber

Event sequence number

Type: Integer

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](#)

SendMessageSummaryEvent

Event summarizing agent actions

Contents

content

Summary content

Type: String

Required: No

sequenceNumber

Event sequence number

Type: Integer

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](#)

SendMessageTextDelta

Text delta containing a text fragment

Contents

text

The text fragment

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SendMessageUsageInfo

Token usage information

Contents

inputTokens

Number of input tokens

Type: Integer

Required: No

outputTokens

Number of output tokens

Type: Integer

Required: No

totalTokens

Total tokens used

Type: Integer

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](#)

ServiceConfiguration

Union of all supported service configuration types. Each service has its own specific configuration structure.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

aws

AWS monitor account configuration.

Type: [AWSConfiguration](#) object

Required: No

azure

Azure subscription integration configuration.

Type: [AzureConfiguration](#) object

Required: No

azuredevops

Azure DevOps project integration configuration.

Type: [AzureDevOpsConfiguration](#) object

Required: No

dynatrace

Dynatrace monitoring integration configuration.

Type: [DynatraceConfiguration](#) object

Required: No

eventChannel

Event Channel instance integration configuration.

Type: [EventChannelConfiguration](#) object

Required: No

github

GitHub repository integration configuration.

Type: [GitHubConfiguration](#) object

Required: No

gitlab

GitLab project integration configuration.

Type: [GitLabConfiguration](#) object

Required: No

mcpserver

MCP (Model Context Protocol) server integration configuration.

Type: [MCPServerConfiguration](#) object

Required: No

mcpserverdatadog

Datadog MCP server integration configuration.

Type: [MCPServerDatadogConfiguration](#) object

Required: No

mcpservergrafana

Grafana MCP server integration configuration.

Type: [MCPServerGrafanaConfiguration](#) object

Required: No

mcpservernewrelic

NewRelic instance integration configuration.

Type: [MCPServerNewRelicConfiguration](#) object

Required: No

mcpserversplunk

Splunk MCP server integration configuration.

Type: [MCPServerSplunkConfiguration](#) object

Required: No

pagerduty

PagerDuty integration configuration

Type: [PagerDutyConfiguration](#) object

Required: No

servicenow

ServiceNow instance integration configuration.

Type: [ServiceNowConfiguration](#) object

Required: No

slack

Slack workspace integration configuration.

Type: [SlackConfiguration](#) object

Required: No

sourceAws

AWS source account configuration for monitoring resources.

Type: [SourceAwsConfiguration](#) 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](#)

ServiceDetails

Union of service-specific configuration details for service registration.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

azureidentity

Azure integration with AWS Outbound Identity Federation specific service details.

Type: [RegisteredAzureIdentityDetails](#) object

Required: No

dynatrace

Dynatrace-specific service details.

Type: [DynatraceServiceDetails](#) object

Required: No

eventChannel

Event Channel specific service details.

Type: [EventChannelDetails](#) object

Required: No

gitlab

GitLab-specific service details.

Type: [GitLabDetails](#) object

Required: No

mcpserver

MCP server-specific service details.

Type: [MCPServerDetails](#) object

Required: No

mcpserverdatadog

Datadog MCP server-specific service details.

Type: [DatadogServiceDetails](#) object

Required: No

mcpservergrafana

Datadog MCP server-specific service details.

Type: [GrafanaServiceDetails](#) object

Required: No

mcpservernewrelic

New Relic-specific service details.

Type: [NewRelicServiceDetails](#) object

Required: No

mcpserversplunk

Splunk MCP server-specific service details.

Type: [MCPServerDetails](#) object

Required: No

pagerduty

PagerDuty specific service details.

Type: [PagerDutyDetails](#) object

Required: No

servicenow

ServiceNow-specific service details.

Type: [ServiceNowServiceDetails](#) 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](#)

ServiceManagedInput

Configuration for a service-managed Private Connection.

Contents

hostAddress

IP address or DNS name of the target resource.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 255.

Pattern: `[a-zA-Z0-9.\:\-]+`

Required: Yes

subnetIds

Subnets that the service-managed Resource Gateway will span.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Length Constraints: Minimum length of 15. Maximum length of 24.

Pattern: `subnet-((([0-9a-z]{8}) | ([0-9a-z]{17})))`

Required: Yes

vpclId

VPC to create the service-managed Resource Gateway in.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 50.

Pattern: `vpc-((([0-9a-z]{8}) | ([0-9a-z]{17})))`

Required: Yes

certificate

Certificate for the Private Connection.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32768.

Required: No

ipAddressType

IP address type of the service-managed Resource Gateway.

Type: String

Valid Values: IPV4 | IPV6 | DUAL_STACK

Required: No

ipv4AddressesPerEni

Number of IPv4 addresses in each ENI for the service-managed Resource Gateway.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 62.

Required: No

portRanges

TCP port ranges that a consumer can use to access the resource.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 11 items.

Length Constraints: Minimum length of 1.

Pattern: ((\d{1,5}\-\d{1,5})|(\d+))

Required: No

securityGroupIds

Security groups to attach to the service-managed Resource Gateway. If not specified, a default security group is created.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 5 items.

Length Constraints: Minimum length of 11. Maximum length of 20.

Pattern: `sg-(([0-9a-z]{8})|([0-9a-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](#)

ServiceNowConfiguration

Configuration for ServiceNow instance integration.

Contents

authScopes

Scoped down authentication scopes for fine grained control

Type: Array of strings

Required: No

instanceId

ServiceNow instance ID

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ServiceNowOAuthClientCredentialsConfig

OAuth client credentials configuration for ServiceNow.

Contents

clientId

OAuth client ID for authenticating with the service.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9._-]+

Required: Yes

clientSecret

OAuth client secret for authenticating with the service.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Pattern: [\S]+

Required: Yes

clientName

User friendly OAuth client name specified by end user.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [\p{L}\p{N}\p{Z}._-]+

Required: No

exchangeParameters

OAuth token exchange parameters for authenticating with the service.

Type: String to string map

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ServiceNowServiceAuthorizationConfig

Authorization configuration options for ServiceNow service.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

oAuthClientCredentials

OAuth client credentials configuration.

Type: [ServiceNowOAuthClientCredentialsConfig](#) 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](#)

ServiceNowServiceDetails

Complete service details for ServiceNow integration.

Contents

instanceUrl

ServiceNow instance URL.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `https://[a-zA-Z0-9]([a-zA-Z0-9.-]*[a-zA-Z0-9])\.service-now\.com/?`

Required: Yes

authorizationConfig

ServiceNow OAuth client credentials configuration. Use this when registering with OAuth client credentials flow.

Type: [ServiceNowServiceAuthorizationConfig](#) 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](#)

SlackChannel

Represents a Slack channel with its ID and optional name.

Contents

channelId

Slack channel ID

Type: String

Length Constraints: Minimum length of 8. Maximum length of 16.

Pattern: [CGD][A-Z0-9]+

Required: Yes

channelName

Slack channel name

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SlackConfiguration

Configuration for Slack workspace integration.

Contents

transmissionTarget

Transmission targets for agent notifications

Type: [SlackTransmissionTarget](#) object

Required: Yes

workspaceId

Associated Slack workspace ID

Type: String

Pattern: [TE][A-Z0-9]+

Required: Yes

workspaceName

Associated Slack workspace name

Type: String

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SlackTransmissionTarget

Defines Slack channels for different types of agent notifications.

Contents

opsOncallTarget

Destination for On-call Agent (Ops1)

Type: [SlackChannel](#) object

Required: Yes

opsSRETarget

Destination for SRE Agent (Ops1.5)

Type: [SlackChannel](#) 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](#)

SourceAwsConfiguration

Configuration for AWS source account integration. Note: passRole check on 'assumableRoleArn' is not supported.

Contents

accountId

AWS Account Id corresponding to provided resources.

Type: String

Pattern: `\d{12}`

Required: Yes

accountType

Account Type 'source' for AIDevOps monitoring.

Type: String

Valid Values: `source`

Required: Yes

assumableRoleArn

Role ARN to be assumed by AIDevOps to operate on behalf of customer.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `arn:aws:iam::\d{12}:role/[a-zA-Z0-9+=, .@_/-]+`

Required: Yes

externalId

External ID for additional security when assuming the role. Used to prevent the confused deputy problem.

Type: String

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Task

Represents a backlog task with all its properties and metadata

Contents

agentSpaceId

The unique identifier for the agent space containing this task

Type: String

Required: Yes

createdAt

Timestamp when this task was created

Type: Timestamp

Required: Yes

priority

The priority level of this task

Type: String

Valid Values: CRITICAL | HIGH | MEDIUM | LOW | MINIMAL

Required: Yes

status

The current status of this task

Type: String

Valid Values: PENDING_TRIAGE | LINKED | PENDING_START | IN_PROGRESS | PENDING_CUSTOMER_APPROVAL | COMPLETED | FAILED | TIMED_OUT | CANCELED

Required: Yes

taskId

The unique identifier for this task

Type: String

Required: Yes

taskType

The type of this task

Type: String

Valid Values: INVESTIGATION | EVALUATION

Required: Yes

title

The title of the task

Type: String

Required: Yes

updatedAt

Timestamp when this task was last updated

Type: Timestamp

Required: Yes

version

Version number for optimistic locking

Type: Integer

Required: Yes

description

Optional detailed description of the task

Type: String

Required: No

executionId

The execution ID associated with this task, if any

Type: String

Required: No

hasLinkedTasks

Indicates if this task has other tasks linked to it

Type: Boolean

Required: No

metadata

Optional metadata for the task

Type: JSON value

Required: No

primaryTaskId

The task ID of the primary investigation this task is linked to

Type: String

Required: No

reference

Optional reference information linking this task to external systems

Type: [ReferenceOutput](#) object

Required: No

statusReason

Explanation for why the task status was changed (e.g., linked reason)

Type: String

Required: No

supportMetadata

Optional support metadata for the task

Type: JSON value

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](#)

TaskFilter

Filter criteria for listing backlog tasks, supporting time range, priority, status, and type filters.

Contents

createdAfter

Filter for tasks created after this timestamp inclusive

Type: Timestamp

Required: No

createdBefore

Filter for tasks created before this timestamp exclusive

Type: Timestamp

Required: No

primaryTaskId

Filter by primary task ID to get linked tasks

Type: String

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

Pattern: [a-zA-Z0-9_.-]+

Required: No

priority

Filter by priority (single value only)

Type: Array of strings

Array Members: Fixed number of 1 item.

Valid Values: CRITICAL | HIGH | MEDIUM | LOW | MINIMAL

Required: No

status

Filter by status (single value only)

Type: Array of strings

Array Members: Fixed number of 1 item.

Valid Values: PENDING_TRIAGE | LINKED | PENDING_START | IN_PROGRESS | PENDING_CUSTOMER_APPROVAL | COMPLETED | FAILED | TIMED_OUT | CANCELED

Required: No

taskType

Filter by task type (single value only)

Type: Array of strings

Array Members: Fixed number of 1 item.

Valid Values: INVESTIGATION | EVALUATION

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](#)

UsageMetric

Represents a usage metric with its configured limit and current usage value.

Contents

limit

Configured limit for this metric.

Type: Integer

Required: Yes

usage

Current usage for this metric

Type: Double

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](#)

UserMessageBlock

A block of content in a user message.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

text

Text content from the user.

Type: String

Required: No

toolResult

Tool execution result provided by the user.

Type: JSON value

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](#)

UserReference

Reference to a user in the system

Contents

userId

The unique identifier for the user

Type: String

Required: Yes

userType

The type of user

Type: String

Valid Values: IAM | IDC | IDP

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ValidationExceptionField

Describes one specific validation failure for an input member.

Contents

message

A detailed description of the validation failure.

Type: String

Required: Yes

path

A JSONPointer expression to the structure member whose value failed to satisfy the modeled constraints.

Type: String

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Webhook

Represents a complete Webhook with all its properties, and unique identifier.

Contents

webhookId

The unique identifier of the Webhook

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: Yes

webhookUrl

Webhook endpoint URL.

Type: String

Pattern: `https://[a-zA-Z0-9.-]+(?:/.*)?`

Required: Yes

webhookType

Webhook authentication type.

Type: String

Valid Values: `hmac` | `apikey` | `gitlab` | `pagerduty`

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