



API Reference

# Amazon Q Developer in chat applications



**API Version 2017-10-11**

Copyright © 2024 Amazon Web Services, Inc. and/or its affiliates. All rights reserved.

# Amazon Q Developer in chat applications: API Reference

Copyright © 2024 Amazon Web Services, Inc. and/or its affiliates. All rights reserved.

Amazon's trademarks and trade dress may not be used in connection with any product or service that is not Amazon's, in any manner that is likely to cause confusion among customers, or in any manner that disparages or discredits Amazon. All other trademarks not owned by Amazon are the property of their respective owners, who may or may not be affiliated with, connected to, or sponsored by Amazon.

# Table of Contents

<b>Welcome</b> .....	<b>1</b>
<b>Actions</b> .....	<b>2</b>
AssociateToConfiguration .....	4
Request Syntax .....	4
URI Request Parameters .....	4
Request Body .....	4
Response Syntax .....	5
Response Elements .....	5
Errors .....	5
See Also .....	5
CreateChimeWebhookConfiguration .....	7
Request Syntax .....	7
URI Request Parameters .....	7
Request Body .....	7
Response Syntax .....	9
Response Elements .....	10
Errors .....	10
See Also .....	11
CreateCustomAction .....	12
Request Syntax .....	12
URI Request Parameters .....	13
Request Body .....	13
Response Syntax .....	14
Response Elements .....	14
Errors .....	15
See Also .....	16
CreateMicrosoftTeamsChannelConfiguration .....	17
Request Syntax .....	17
URI Request Parameters .....	17
Request Body .....	17
Response Syntax .....	21
Response Elements .....	21
Errors .....	22
See Also .....	22

CreateSlackChannelConfiguration .....	24
Request Syntax .....	24
URI Request Parameters .....	24
Request Body .....	24
Response Syntax .....	27
Response Elements .....	28
Errors .....	28
See Also .....	29
DeleteChimeWebhookConfiguration .....	30
Request Syntax .....	30
URI Request Parameters .....	30
Request Body .....	30
Response Syntax .....	30
Response Elements .....	30
Errors .....	31
See Also .....	31
DeleteCustomAction .....	33
Request Syntax .....	33
URI Request Parameters .....	33
Request Body .....	33
Response Syntax .....	33
Response Elements .....	33
Errors .....	34
See Also .....	34
DeleteMicrosoftTeamsChannelConfiguration .....	36
Request Syntax .....	36
URI Request Parameters .....	36
Request Body .....	36
Response Syntax .....	36
Response Elements .....	37
Errors .....	37
See Also .....	37
DeleteMicrosoftTeamsConfiguredTeam .....	39
Request Syntax .....	39
URI Request Parameters .....	39
Request Body .....	39

Response Syntax .....	40
Response Elements .....	40
Errors .....	40
See Also .....	40
DeleteMicrosoftTeamsUserIdentity .....	42
Request Syntax .....	42
URI Request Parameters .....	42
Request Body .....	42
Response Syntax .....	43
Response Elements .....	43
Errors .....	43
See Also .....	43
DeleteSlackChannelConfiguration .....	45
Request Syntax .....	45
URI Request Parameters .....	45
Request Body .....	45
Response Syntax .....	45
Response Elements .....	45
Errors .....	46
See Also .....	46
DeleteSlackUserIdentity .....	48
Request Syntax .....	48
URI Request Parameters .....	48
Request Body .....	48
Response Syntax .....	49
Response Elements .....	49
Errors .....	49
See Also .....	50
DeleteSlackWorkspaceAuthorization .....	51
Request Syntax .....	51
URI Request Parameters .....	51
Request Body .....	51
Response Syntax .....	51
Response Elements .....	51
Errors .....	52
See Also .....	52

<b>DescribeChimeWebhookConfigurations</b> .....	53
Request Syntax .....	53
URI Request Parameters .....	53
Request Body .....	53
Response Syntax .....	54
Response Elements .....	55
Errors .....	55
See Also .....	56
<b>DescribeSlackChannelConfigurations</b> .....	57
Request Syntax .....	57
URI Request Parameters .....	57
Request Body .....	57
Response Syntax .....	58
Response Elements .....	59
Errors .....	59
See Also .....	60
<b>DescribeSlackUserIdentities</b> .....	61
Request Syntax .....	61
URI Request Parameters .....	61
Request Body .....	61
Response Syntax .....	62
Response Elements .....	62
Errors .....	63
See Also .....	63
<b>DescribeSlackWorkspaces</b> .....	65
Request Syntax .....	65
URI Request Parameters .....	65
Request Body .....	65
Response Syntax .....	66
Response Elements .....	66
Errors .....	67
See Also .....	67
<b>DisassociateFromConfiguration</b> .....	69
Request Syntax .....	69
URI Request Parameters .....	69
Request Body .....	69

Response Syntax .....	70
Response Elements .....	70
Errors .....	70
See Also .....	70
<b>GetAccountPreferences .....</b>	<b>72</b>
Request Syntax .....	72
URI Request Parameters .....	72
Request Body .....	72
Response Syntax .....	72
Response Elements .....	72
Errors .....	73
See Also .....	73
<b>GetCustomAction .....</b>	<b>74</b>
Request Syntax .....	74
URI Request Parameters .....	74
Request Body .....	74
Response Syntax .....	74
Response Elements .....	75
Errors .....	75
See Also .....	76
<b>GetMicrosoftTeamsChannelConfiguration .....</b>	<b>77</b>
Request Syntax .....	77
URI Request Parameters .....	77
Request Body .....	77
Response Syntax .....	77
Response Elements .....	78
Errors .....	78
See Also .....	79
<b>ListAssociations .....</b>	<b>80</b>
Request Syntax .....	80
URI Request Parameters .....	80
Request Body .....	80
Response Syntax .....	81
Response Elements .....	81
Errors .....	82
See Also .....	82

ListCustomActions .....	83
Request Syntax .....	83
URI Request Parameters .....	83
Request Body .....	83
Response Syntax .....	84
Response Elements .....	84
Errors .....	85
See Also .....	85
ListMicrosoftTeamsChannelConfigurations .....	86
Request Syntax .....	86
URI Request Parameters .....	86
Request Body .....	86
Response Syntax .....	87
Response Elements .....	88
Errors .....	88
See Also .....	89
ListMicrosoftTeamsConfiguredTeams .....	90
Request Syntax .....	90
URI Request Parameters .....	90
Request Body .....	90
Response Syntax .....	91
Response Elements .....	91
Errors .....	92
See Also .....	92
ListMicrosoftTeamsUserIdentities .....	94
Request Syntax .....	94
URI Request Parameters .....	94
Request Body .....	94
Response Syntax .....	95
Response Elements .....	95
Errors .....	96
See Also .....	97
ListTagsForResource .....	98
Request Syntax .....	98
URI Request Parameters .....	98
Request Body .....	98



Response Syntax .....	98
Response Elements .....	99
Errors .....	99
See Also .....	100
TagResource .....	101
Request Syntax .....	101
URI Request Parameters .....	101
Request Body .....	101
Response Syntax .....	102
Response Elements .....	102
Errors .....	102
See Also .....	103
UntagResource .....	104
Request Syntax .....	104
URI Request Parameters .....	104
Request Body .....	104
Response Syntax .....	105
Response Elements .....	105
Errors .....	105
See Also .....	105
UpdateAccountPreferences .....	107
Request Syntax .....	107
URI Request Parameters .....	107
Request Body .....	107
Response Syntax .....	108
Response Elements .....	108
Errors .....	108
See Also .....	109
UpdateChimeWebhookConfiguration .....	110
Request Syntax .....	110
URI Request Parameters .....	110
Request Body .....	110
Response Syntax .....	112
Response Elements .....	113
Errors .....	113
See Also .....	113

UpdateCustomAction .....	115
Request Syntax .....	115
URI Request Parameters .....	115
Request Body .....	115
Response Syntax .....	116
Response Elements .....	117
Errors .....	117
See Also .....	118
UpdateMicrosoftTeamsChannelConfiguration .....	119
Request Syntax .....	119
URI Request Parameters .....	119
Request Body .....	119
Response Syntax .....	121
Response Elements .....	122
Errors .....	122
See Also .....	123
UpdateSlackChannelConfiguration .....	124
Request Syntax .....	124
URI Request Parameters .....	124
Request Body .....	124
Response Syntax .....	126
Response Elements .....	127
Errors .....	127
See Also .....	128
<b>Data Types .....</b>	<b>129</b>
AccountPreferences .....	130
Contents .....	130
See Also .....	130
AssociationListing .....	131
Contents .....	131
See Also .....	131
ChimeWebhookConfiguration .....	132
Contents .....	132
See Also .....	134
ConfiguredTeam .....	135
Contents .....	135

See Also .....	136
CustomAction .....	137
Contents .....	137
See Also .....	138
CustomActionAttachment .....	139
Contents .....	139
See Also .....	140
CustomActionAttachmentCriteria .....	141
Contents .....	141
See Also .....	141
CustomActionDefinition .....	143
Contents .....	143
See Also .....	143
SlackChannelConfiguration .....	144
Contents .....	144
See Also .....	147
SlackUserIdentity .....	148
Contents .....	148
See Also .....	149
SlackWorkspace .....	150
Contents .....	150
See Also .....	151
Tag .....	152
Contents .....	152
See Also .....	152
TeamsChannelConfiguration .....	154
Contents .....	154
See Also .....	158
TeamsUserIdentity .....	159
Contents .....	159
See Also .....	161
<b>Common Parameters .....</b>	<b>162</b>
<b>Common Errors .....</b>	<b>165</b>

# Welcome

**Note**

AWS Chatbot is now Amazon Q Developer. [Learn more](#)  
Mentions of the name AWS Chatbot still appear in this guide.

The *Amazon Q Developer in chat applications API Reference* provides descriptions, API request parameters, and the XML response for each of the Amazon Q Developer API actions.

APIs are currently available in the following Regions:

- US East (Ohio) - us-east-2
- US West (Oregon) - us-west-2
- Asia Pacific (Singapore) - ap-southeast-1
- Europe (Ireland) - eu-west-1

The Amazon Q Developer in chat applications console can only be used in US East (Ohio). Your configuration data however, is stored in each of the relevant available Regions.

**Note**

Your AWS CloudTrail events are logged in whatever Region you call from, not US East (N. Virginia) by default.

This document was last published on February 20, 2025.

# Actions

The following actions are supported:

- [AssociateToConfiguration](#)
- [CreateChimeWebhookConfiguration](#)
- [CreateCustomAction](#)
- [CreateMicrosoftTeamsChannelConfiguration](#)
- [CreateSlackChannelConfiguration](#)
- [DeleteChimeWebhookConfiguration](#)
- [DeleteCustomAction](#)
- [DeleteMicrosoftTeamsChannelConfiguration](#)
- [DeleteMicrosoftTeamsConfiguredTeam](#)
- [DeleteMicrosoftTeamsUserIdentity](#)
- [DeleteSlackChannelConfiguration](#)
- [DeleteSlackUserIdentity](#)
- [DeleteSlackWorkspaceAuthorization](#)
- [DescribeChimeWebhookConfigurations](#)
- [DescribeSlackChannelConfigurations](#)
- [DescribeSlackUserIdentities](#)
- [DescribeSlackWorkspaces](#)
- [DisassociateFromConfiguration](#)
- [GetAccountPreferences](#)
- [GetCustomAction](#)
- [GetMicrosoftTeamsChannelConfiguration](#)
- [ListAssociations](#)
- [ListCustomActions](#)
- [ListMicrosoftTeamsChannelConfigurations](#)
- [ListMicrosoftTeamsConfiguredTeams](#)
- [ListMicrosoftTeamsUserIdentities](#)
- [ListTagsForResource](#)

- [TagResource](#)
- [UntagResource](#)
- [UpdateAccountPreferences](#)
- [UpdateChimeWebhookConfiguration](#)
- [UpdateCustomAction](#)
- [UpdateMicrosoftTeamsChannelConfiguration](#)
- [UpdateSlackChannelConfiguration](#)

# AssociateToConfiguration

Links a resource (for example, a custom action) to a channel configuration.

## Request Syntax

```
POST /associate-to-configuration HTTP/1.1
Content-type: application/json

{
  "ChatConfiguration": "string",
  "Resource": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ChatConfiguration

The channel configuration to associate with the resource.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@. -]{0,1023}`

Required: Yes

### Resource

The resource Amazon Resource Name (ARN) to link.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: arn:aws:chatbot:[A-Za-z0-9\_/.-]{0,63}:[A-Za-z0-9\_/.-]{0,63}:custom-action/[a-zA-Z0-9\_-]{1,64}

Required: Yes

## Response Syntax

```
HTTP/1.1 201
```

## Response Elements

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

## Errors

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

### InternalServerError

Unexpected error during processing of request.

HTTP Status Code: 500

### InvalidRequestException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### UnauthorizedException

The request was rejected because it doesn't have valid credentials for the target resource.

HTTP Status Code: 403

## See Also

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

- [AWS Command Line Interface](#)



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

# CreateChimeWebhookConfiguration

Creates an Amazon Q Developer configuration for Amazon Chime.

## Request Syntax

```
POST /create-chime-webhook-configuration HTTP/1.1
Content-type: application/json
```

```
{
  "ConfigurationName": "string",
  "IamRoleArn": "string",
  "LoggingLevel": "string",
  "SnsTopicArns": [ "string" ],
  "Tags": [
    {
      "TagKey": "string",
      "TagValue": "string"
    }
  ],
  "WebhookDescription": "string",
  "WebhookUrl": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ConfigurationName

The name of the configuration.

Type: String

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

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

Required: Yes

### IamRoleArn

A user-defined role that Amazon Q Developer assumes. This is not the service-linked role.

For more information, see [IAM policies for Amazon Q Developer](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### LoggingLevel

Logging levels include ERROR, INFO, or NONE.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 5.

Pattern: `(ERROR|INFO|NONE)`

Required: No

### SnsTopicArns

The Amazon Resource Names (ARNs) of the SNS topics that deliver notifications to Amazon Q Developer.

Type: Array of strings

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### Tags

A map of tags assigned to a resource. A tag is a string-to-string map of key-value pairs.

Type: Array of [Tag](#) objects

Required: No

### [WebhookDescription](#)

A description of the webhook. We recommend using the convention RoomName/WebhookName.

For more information, see [Tutorial: Get started with Amazon Chime](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

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

Required: Yes

### [WebhookUrl](#)

The URL for the Amazon Chime webhook.

Type: String

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

Pattern: `https://hooks\.chime\.aws/incomingwebhooks/[A-Za-z0-9\-\_]+?\?token=[A-Za-z0-9\-\_]+`

Required: Yes

## Response Syntax

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

{
  "WebhookConfiguration": {
    "ChatConfigurationArn": "string",
    "ConfigurationName": "string",
    "IamRoleArn": "string",
    "LoggingLevel": "string",
    "SnsTopicArns": [ "string" ],
    "State": "string",
    "StateReason": "string",
```

```
    "Tags": [  
      {  
        "TagKey": "string",  
        "TagValue": "string"  
      }  
    ],  
    "WebhookDescription": "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.

### WebhookConfiguration

An Amazon Chime webhook configuration.

Type: [ChimeWebhookConfiguration](#) object

## Errors

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

### **ConflictException**

There was an issue processing your request.

HTTP Status Code: 409

### **CreateChimeWebhookConfigurationException**

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

### **InvalidParameterException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

## InvalidRequestException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

## LimitExceededException

You have exceeded a service limit for Amazon Q Developer.

HTTP Status Code: 403

## See Also

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

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

# CreateCustomAction

Creates a custom action that can be invoked as an alias or as a button on a notification.

## Request Syntax

```
POST /create-custom-action HTTP/1.1
Content-type: application/json

{
  "ActionName": "string",
  "AliasName": "string",
  "Attachments": [
    {
      "ButtonText": "string",
      "Criteria": [
        {
          "Operator": "string",
          "Value": "string",
          "VariableName": "string"
        }
      ],
      "NotificationType": "string",
      "Variables": {
        "string" : "string"
      }
    }
  ],
  "ClientToken": "string",
  "Definition": {
    "CommandText": "string"
  },
  "Tags": [
    {
      "TagKey": "string",
      "TagValue": "string"
    }
  ]
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ActionName

The name of the custom action. This name is included in the Amazon Resource Name (ARN).

Type: String

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

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

Required: Yes

### AliasName

The name used to invoke this action in a chat channel. For example, `@Amazon Q run my-alias`.

Type: String

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

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

Required: No

### Attachments

Defines when this custom action button should be attached to a notification.

Type: Array of [CustomActionAttachment](#) objects

Required: No

### ClientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. Idempotency ensures that an API request completes only once. With an idempotent request,



if the original request completes successfully, subsequent retries with the same client token returns the result from the original successful request.

If you do not specify a client token, one is automatically generated by the SDK.

Type: String

Length Constraints: Minimum length of 33. Maximum length of 126.

Pattern: `[\x21-\x7F]+`

Required: No

### Definition

The definition of the command to run when invoked as an alias or as an action button.

Type: [CustomActionDefinition](#) object

Required: Yes

### Tags

A map of tags assigned to a resource. A tag is a string-to-string map of key-value pairs.

Type: Array of [Tag](#) objects

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

Required: No

## Response Syntax

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

{
  "CustomActionArn": "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.

### **CustomActionArn**

The fully defined ARN of the custom action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:aws:chatbot::[0-9]{12}:custom-action/[a-zA-Z0-9_-]{1,64}`

## **Errors**

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

### **ConflictException**

There was an issue processing your request.

HTTP Status Code: 409

### **InternalServerError**

Unexpected error during processing of request.

HTTP Status Code: 500

### **InvalidRequestException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### **LimitExceededException**

You have exceeded a service limit for Amazon Q Developer.

HTTP Status Code: 403

### **UnauthorizedException**

The request was rejected because it doesn't have valid credentials for the target resource.

HTTP Status Code: 403

## See Also

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

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

# CreateMicrosoftTeamsChannelConfiguration

Creates an Amazon Q Developer configuration for Microsoft Teams.

## Request Syntax

```
POST /create-ms-teams-channel-configuration HTTP/1.1
Content-type: application/json
```

```
{
  "ChannelId": "string",
  "ChannelName": "string",
  "ConfigurationName": "string",
  "GuardrailPolicyArns": [ "string" ],
  "IamRoleArn": "string",
  "LoggingLevel": "string",
  "SnsTopicArns": [ "string" ],
  "Tags": [
    {
      "TagKey": "string",
      "TagValue": "string"
    }
  ],
  "TeamId": "string",
  "TeamName": "string",
  "TenantId": "string",
  "UserAuthorizationRequired": boolean
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ChannelId

The ID of the Microsoft Teams channel.

Type: String

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

Pattern: ([a-zA-Z0-9-\_=+\/.,])\*%3[aA]([a-zA-Z0-9-\_=+\/.,])\*%40([a-zA-Z0-9-\_=+\/.,])\*

Required: Yes

### ChannelName

The name of the Microsoft Teams channel.

Type: String

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

Pattern: (.\*)

Required: No

### ConfigurationName

The name of the configuration.

Type: String

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

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

Required: Yes

### GuardrailPolicyArns

The list of IAM policy ARNs that are applied as channel guardrails. The AWS managed AdministratorAccess policy is applied by default if this is not set.

Type: Array of strings

Length Constraints: Minimum length of 11. Maximum length of 1163.

Pattern: (^\$|(?!.\*\aws-service-role\.\*))arn:aws:iam:[A-Za-z0-9\_\./-]{0,63}:[A-Za-z0-9\_\./-]{0,63}:[A-Za-z0-9][A-Za-z0-9:\_\./+=,@.-]{0,1023})

Required: No

## IamRoleArn

A user-defined role that Amazon Q Developer assumes. This is not the service-linked role.

For more information, see [IAM policies for Amazon Q Developer](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:/_+=,@.-]{0,1023}`

Required: Yes

## LoggingLevel

Logging levels include ERROR, INFO, or NONE.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 5.

Pattern: `(ERROR|INFO|NONE)`

Required: No

## SnsTopicArns

The Amazon Resource Names (ARNs) of the SNS topics that deliver notifications to Amazon Q Developer.

Type: Array of strings

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:/_+=,@.-]{0,1023}`

Required: No

## Tags

A map of tags assigned to a resource. A tag is a string-to-string map of key-value pairs.

Type: Array of [Tag](#) objects

Required: No

### TeamId

The ID of the Microsoft Teams authorized with Amazon Q Developer.

To get the team ID, you must perform the initial authorization flow with Microsoft Teams in the Amazon Q Developer console. Then you can copy and paste the team ID from the console. For more information, see [Step 1: Configure a Microsoft Teams client](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9A-Fa-f]{8}(:-[0-9A-Fa-f]{4}){3}-[0-9A-Fa-f]{12}`

Required: Yes

### TeamName

The name of the Microsoft Teams Team.

Type: String

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

Pattern: `(.*)`

Required: No

### TenantId

The ID of the Microsoft Teams tenant.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9A-Fa-f]{8}(:-[0-9A-Fa-f]{4}){3}-[0-9A-Fa-f]{12}`

Required: Yes

## UserAuthorizationRequired

Enables use of a user role requirement in your chat configuration.

Type: Boolean

Required: No

## Response Syntax

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

{
  "ChannelConfiguration": {
    "ChannelId": "string",
    "ChannelName": "string",
    "ChatConfigurationArn": "string",
    "ConfigurationName": "string",
    "GuardrailPolicyArns": [ "string" ],
    "IamRoleArn": "string",
    "LoggingLevel": "string",
    "SnsTopicArns": [ "string" ],
    "State": "string",
    "StateReason": "string",
    "Tags": [
      {
        "TagKey": "string",
        "TagValue": "string"
      }
    ],
    "TeamId": "string",
    "TeamName": "string",
    "TenantId": "string",
    "UserAuthorizationRequired": boolean
  }
}
```

## Response Elements

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



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

## ChannelConfiguration

The configuration for a Microsoft Teams channel configured with Amazon Q Developer.

Type: [TeamsChannelConfiguration](#) object

## Errors

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

### **ConflictException**

There was an issue processing your request.

HTTP Status Code: 409

### **CreateTeamsChannelConfigurationException**

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

### **InvalidParameterException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### **InvalidRequestException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### **LimitExceededException**

You have exceeded a service limit for Amazon Q Developer.

HTTP Status Code: 403

## See Also

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

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

# CreateSlackChannelConfiguration

Creates an Amazon Q Developer configuration for Slack.

## Request Syntax

```
POST /create-slack-channel-configuration HTTP/1.1
Content-type: application/json
```

```
{
  "ConfigurationName": "string",
  "GuardrailPolicyArns": [ "string" ],
  "IamRoleArn": "string",
  "LoggingLevel": "string",
  "SlackChannelId": "string",
  "SlackChannelName": "string",
  "SlackTeamId": "string",
  "SnsTopicArns": [ "string" ],
  "Tags": [
    {
      "TagKey": "string",
      "TagValue": "string"
    }
  ],
  "UserAuthorizationRequired": boolean
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ConfigurationName

The name of the configuration.

Type: String

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

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

Required: Yes

### GuardrailPolicyArns

The list of IAM policy ARNs that are applied as channel guardrails. The AWS managed AdministratorAccess policy is applied by default if this is not set.

Type: Array of strings

Length Constraints: Minimum length of 11. Maximum length of 1163.

Pattern: (^\$|(?!\.\*\aws-service-role\.\*))arn:aws:iam:[A-Za-z0-9\_\/.-]{0,63}:[A-Za-z0-9\_\/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:\_\/+=,@.-]{0,1023})

Required: No

### IamRoleArn

A user-defined role that Amazon Q Developer assumes. This is not the service-linked role.

For more information, see [IAM policies for Amazon Q Developer](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: arn:aws:[A-Za-z0-9][A-Za-z0-9\_\/.-]{0,62}:[A-Za-z0-9\_\/.-]{0,63}:[A-Za-z0-9\_\/.-]{0,63}:[A-Za-z0-9:\_\/+=,@.-]{0,1023}

Required: Yes

### LoggingLevel

Logging levels include ERROR, INFO, or NONE.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 5.

Pattern: (ERROR|INFO|NONE)

Required: No

## SlackChannelId

The ID of the Slack channel.

To get this ID, open Slack, right click on the channel name in the left pane, then choose Copy Link. The channel ID is the 9-character string at the end of the URL. For example, ABCBBLZZZ.

Type: String

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

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

Required: Yes

## SlackChannelName

The name of the Slack channel.

Type: String

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

Required: No

## SlackTeamId

The ID of the Slack workspace authorized with Amazon Q Developer.

Type: String

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

Pattern: [0-9A-Z]{1, 255}

Required: Yes

## SnsTopicArns

The Amazon Resource Names (ARNs) of the SNS topics that deliver notifications to Amazon Q Developer.

Type: Array of strings

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:~/+,@.-]{0,1023}`

Required: No

## Tags

A map of tags assigned to a resource. A tag is a string-to-string map of key-value pairs.

Type: Array of [Tag](#) objects

Required: No

## UserAuthorizationRequired

Enables use of a user role requirement in your chat configuration.

Type: Boolean

Required: No

## Response Syntax

```
HTTP/1.1 201
```

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

```
{
  "ChannelConfiguration": {
    "ChatConfigurationArn": "string",
    "ConfigurationName": "string",
    "GuardrailPolicyArns": [ "string" ],
    "IamRoleArn": "string",
    "LoggingLevel": "string",
    "SlackChannelId": "string",
    "SlackChannelName": "string",
    "SlackTeamId": "string",
    "SlackTeamName": "string",
    "SnsTopicArns": [ "string" ],
    "State": "string",
    "StateReason": "string",
    "Tags": [
      {
        "TagKey": "string",
        "TagValue": "string"
      }
    ]
  }
}
```

```
    }  
  ],  
  "UserAuthorizationRequired": boolean  
}  
}
```

## Response Elements

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

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

### [ChannelConfiguration](#)

The configuration for a Slack channel configured with Amazon Q Developer.

Type: [SlackChannelConfiguration](#) object

## Errors

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

### **ConflictException**

There was an issue processing your request.

HTTP Status Code: 409

### **CreateSlackChannelConfigurationException**

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

### **InvalidParameterException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### **InvalidRequestException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

## **LimitExceededException**

You have exceeded a service limit for Amazon Q Developer.

HTTP Status Code: 403

## **See Also**

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

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



# DeleteChimeWebhookConfiguration

Deletes a Amazon Chime webhook configuration for Amazon Q Developer.

## Request Syntax

```
POST /delete-chime-webhook-configuration HTTP/1.1
Content-type: application/json
```

```
{
  "ChatConfigurationArn": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### [ChatConfigurationArn](#)

The Amazon Resource Name (ARN) of the ChimeWebhookConfiguration to delete.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=,@.-]{0,1023}`

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 Errors](#).

### DeleteChimeWebhookConfigurationException

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

### InvalidParameterException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### InvalidRequestException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### ResourceNotFoundException

We were unable to find the resource for your request

HTTP Status Code: 404

## See Also

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

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

- [AWS SDK for Ruby V3](#)

# DeleteCustomAction

Deletes a custom action.

## Request Syntax

```
POST /delete-custom-action HTTP/1.1
Content-type: application/json
```

```
{
  "CustomActionArn": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### CustomActionArn

The fully defined ARN of the custom action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:aws:chatbot::[0-9]{12}:custom-action/[a-zA-Z0-9_-]{1,64}`

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 Errors](#).

### InternalServerError

Unexpected error during processing of request.

HTTP Status Code: 500

### InvalidRequestException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### ResourceNotFoundException

We were unable to find the resource for your request

HTTP Status Code: 404

### UnauthorizedException

The request was rejected because it doesn't have valid credentials for the target resource.

HTTP Status Code: 403

## See Also

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

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

- [AWS SDK for Ruby V3](#)

# DeleteMicrosoftTeamsChannelConfiguration

Deletes a Microsoft Teams channel configuration for Amazon Q Developer.

## Request Syntax

```
POST /delete-ms-teams-channel-configuration HTTP/1.1
Content-type: application/json
```

```
{
  "ChatConfigurationArn": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### [ChatConfigurationArn](#)

The Amazon Resource Name (ARN) of the MicrosoftTeamsChannelConfiguration associated with the user identity to delete.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

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 Errors](#).

### DeleteTeamsChannelConfigurationException

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

### InvalidParameterException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### InvalidRequestException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### ResourceNotFoundException

We were unable to find the resource for your request

HTTP Status Code: 404

## See Also

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

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



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

# DeleteMicrosoftTeamsConfiguredTeam

Deletes the Microsoft Teams team authorization allowing for channels to be configured in that Microsoft Teams team. Note that the Microsoft Teams team must have no channels configured to remove it.

## Request Syntax

```
POST /delete-ms-teams-configured-teams HTTP/1.1
Content-type: application/json

{
  "TeamId": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### TeamId

The ID of the Microsoft Teams team authorized with Amazon Q Developer.

To get the team ID, you must perform the initial authorization flow with Microsoft Teams in the Amazon Q Developer in chat applications console. Then you can copy and paste the team ID from the console. For more information, see [Step 1: Configure a Microsoft Teams client](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9A-Fa-f]{8}(?:-[0-9A-Fa-f]{4}){3}-[0-9A-Fa-f]{12}`

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 Errors](#).

### DeleteTeamsConfiguredTeamException

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

### InvalidParameterException

Your request input doesn't meet the constraints required by Amazon Q Developer.

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



# DeleteMicrosoftTeamsUserIdentity

Identifies a user level permission for a channel configuration.

## Request Syntax

```
POST /delete-ms-teams-user-identity HTTP/1.1
Content-type: application/json

{
  "ChatConfigurationArn": "string",
  "UserId": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ChatConfigurationArn

The ARN of the MicrosoftTeamsChannelConfiguration associated with the user identity to delete.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=,@.-]{0,1023}`

Required: Yes

### UserId

The Microsoft Teams user ID.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9A-Fa-f]{8}(:-[0-9A-Fa-f]{4}){3}-[0-9A-Fa-f]{12}`

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 Errors](#).

### DeleteMicrosoftTeamsUserIdentityException

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

### InvalidParameterException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### ResourceNotFoundException

We were unable to find the resource for your request

HTTP Status Code: 404

## See Also

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

- [AWS Command Line Interface](#)

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

# DeleteSlackChannelConfiguration

Deletes a Slack channel configuration for Amazon Q Developer.

## Request Syntax

```
POST /delete-slack-channel-configuration HTTP/1.1
Content-type: application/json
```

```
{
  "ChatConfigurationArn": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### [ChatConfigurationArn](#)

The Amazon Resource Name (ARN) of the SlackChannelConfiguration to delete.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

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 Errors](#).

### DeleteSlackChannelConfigurationException

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

### InvalidParameterException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### InvalidRequestException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### ResourceNotFoundException

We were unable to find the resource for your request

HTTP Status Code: 404

## See Also

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

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

- [AWS SDK for Ruby V3](#)

# DeleteSlackUserIdentity

Deletes a user level permission for a Slack channel configuration.

## Request Syntax

```
POST /delete-slack-user-identity HTTP/1.1
Content-type: application/json
```

```
{
  "ChatConfigurationArn": "string",
  "SlackTeamId": "string",
  "SlackUserId": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ChatConfigurationArn

The ARN of the SlackChannelConfiguration associated with the user identity to delete.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### SlackTeamId

The ID of the Slack workspace authorized with Amazon Q Developer.

Type: String

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

Pattern: `[0-9A-Z]{1,255}`

Required: Yes

### SlackUserId

The ID of the user in Slack

Type: String

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

Pattern: `(.*)`

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 Errors](#).

### DeleteSlackUserIdentityException

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

### InvalidParameterException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### ResourceNotFoundException

We were unable to find the resource for your request

## HTTP Status Code: 404

### See Also

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

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

# DeleteSlackWorkspaceAuthorization

Deletes the Slack workspace authorization that allows channels to be configured in that workspace. This requires all configured channels in the workspace to be deleted.

## Request Syntax

```
POST /delete-slack-workspace-authorization HTTP/1.1
Content-type: application/json

{
  "SlackTeamId": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### [SlackTeamId](#)

The ID of the Slack workspace authorized with Amazon Q Developer.

Type: String

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

Pattern: `[0-9A-Z]{1,255}`

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 Errors](#).

### DeleteSlackWorkspaceAuthorizationFault

There was an issue deleting your Slack workspace.

HTTP Status Code: 500

### InvalidParameterException

Your request input doesn't meet the constraints required by Amazon Q Developer.

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

# DescribeChimeWebhookConfigurations

Lists Amazon Chime webhook configurations optionally filtered by ChatConfigurationArn.

## Request Syntax

```
POST /describe-chime-webhook-configurations HTTP/1.1
Content-type: application/json

{
  "ChatConfigurationArn": "string",
  "MaxResults": number,
  "NextToken": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ChatConfigurationArn

An optional Amazon Resource Name (ARN) of a ChimeWebhookConfiguration to describe.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: No

### MaxResults

The maximum number of results to include in the response. If more results exist than the specified MaxResults value, a token is included in the response so that the remaining results can be retrieved.



Type: Integer

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

Required: No

### NextToken

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1276.

Pattern: `[a-zA-Z0-9=\|/+_\.-, #:\\"{}]{4,1276}`

Required: No

## Response Syntax

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

{
  "NextToken": "string",
  "WebhookConfigurations": [
    {
      "ChatConfigurationArn": "string",
      "ConfigurationName": "string",
      "IamRoleArn": "string",
      "LoggingLevel": "string",
      "SnsTopicArns": [ "string" ],
      "State": "string",
      "StateReason": "string",
      "Tags": [
        {
          "TagKey": "string",
          "TagValue": "string"
        }
      ],
      "WebhookDescription": "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

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1276.

Pattern: `[a-zA-Z0-9=\/+_.\-,#\:\\"{}]{4,1276}`

### WebhookConfigurations

A list of Amazon Chime webhooks associated with the account.

Type: Array of [ChimeWebhookConfiguration](#) objects

## Errors

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

### **DescribeChimeWebhookConfigurationsException**

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

### **InvalidParameterException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

## InvalidRequestException

Your request input doesn't meet the constraints required by Amazon Q Developer.

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

# DescribeSlackChannelConfigurations

Lists Slack channel configurations optionally filtered by ChatConfigurationArn

## Request Syntax

```
POST /describe-slack-channel-configurations HTTP/1.1
Content-type: application/json

{
  "ChatConfigurationArn": "string",
  "MaxResults": number,
  "NextToken": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ChatConfigurationArn

An optional Amazon Resource Name (ARN) of a SlackChannelConfiguration to describe.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: No

### MaxResults

The maximum number of results to include in the response. If more results exist than the specified MaxResults value, a token is included in the response so that the remaining results can be retrieved.

Type: Integer

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

Required: No

### NextToken

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1276.

Pattern: `[a-zA-Z0-9=\/+_.\-,#:\\"{}]{4,1276}`

Required: No

## Response Syntax

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

{
  "NextToken": "string",
  "SlackChannelConfigurations": [
    {
      "ChatConfigurationArn": "string",
      "ConfigurationName": "string",
      "GuardrailPolicyArns": [ "string" ],
      "IamRoleArn": "string",
      "LoggingLevel": "string",
      "SlackChannelId": "string",
      "SlackChannelName": "string",
      "SlackTeamId": "string",
      "SlackTeamName": "string",
      "SnsTopicArns": [ "string" ],
      "State": "string",
      "StateReason": "string",
      "Tags": [
        {
```

```
        "TagKey": "string",
        "TagValue": "string"
    }
],
"UserAuthorizationRequired": boolean
}
]
```

## Response Elements

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

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

### NextToken

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1276.

Pattern: `[a-zA-Z0-9=\|/+\_.\- , # : \\ " {} ] {4, 1276}`

### SlackChannelConfigurations

A list of Slack channel configurations.

Type: Array of [SlackChannelConfiguration](#) objects

## Errors

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

### **DescribeSlackChannelConfigurationsException**

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

## InvalidParameterException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

## InvalidRequestException

Your request input doesn't meet the constraints required by Amazon Q Developer.

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

# DescribeSlackUserIdentities

Lists all Slack user identities with a mapped role.

## Request Syntax

```
POST /describe-slack-user-identities HTTP/1.1
Content-type: application/json
```

```
{
  "ChatConfigurationArn": "string",
  "MaxResults": number,
  "NextToken": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ChatConfigurationArn

The Amazon Resource Name (ARN) of the SlackChannelConfiguration associated with the user identities to describe.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: No

### MaxResults

The maximum number of results to include in the response. If more results exist than the specified MaxResults value, a token is included in the response so that the remaining results can be retrieved.



Type: Integer

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

Required: No

### NextToken

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1276.

Pattern: `[a-zA-Z0-9=\\/+_.\\- , # : \\\"{}]{4,1276}`

Required: No

## Response Syntax

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

{
  "NextToken": "string",
  "SlackUserIdentities": [
    {
      "AwsUserIdentity": "string",
      "ChatConfigurationArn": "string",
      "IamRoleArn": "string",
      "SlackTeamId": "string",
      "SlackUserId": "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

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1276.

Pattern: `[a-zA-Z0-9=\/+_.\-,#\:\\"{}]{4,1276}`

## SlackUserIdentities

A list of Slack User Identities.

Type: Array of [SlackUserIdentity](#) objects

## Errors

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

### **DescribeSlackUserIdentitiesException**

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

### **InvalidParameterException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### **InvalidRequestException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

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

# DescribeSlackWorkspaces

List all authorized Slack workspaces connected to the AWS Account onboarded with Amazon Q Developer.

## Request Syntax

```
POST /describe-slack-workspaces HTTP/1.1
Content-type: application/json
```

```
{
  "MaxResults": number,
  "NextToken": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### MaxResults

The maximum number of results to include in the response. If more results exist than the specified MaxResults value, a token is included in the response so that the remaining results can be retrieved.

Type: Integer

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

Required: No

### NextToken

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1276.

Pattern: `[a-zA-Z0-9=\/+_.\-,#:\\"{}]{4,1276}`

Required: No

## Response Syntax

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

{
  "NextToken": "string",
  "SlackWorkspaces": [
    {
      "SlackTeamId": "string",
      "SlackTeamName": "string",
      "State": "string",
      "StateReason": "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

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1276.

Pattern: `[a-zA-Z0-9=\/+_.\-,#:\\"{}]{4,1276}`

## [SlackWorkspaces](#)

A list of Slack workspaces registered with Amazon Q Developer.

Type: Array of [SlackWorkspace](#) objects

## Errors

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

### **DescribeSlackWorkspacesException**

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

### **InvalidParameterException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### **InvalidRequestException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

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

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

# DisassociateFromConfiguration

Unlink a resource, for example a custom action, from a channel configuration.

## Request Syntax

```
POST /disassociate-from-configuration HTTP/1.1
Content-type: application/json

{
  "ChatConfiguration": "string",
  "Resource": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ChatConfiguration

The channel configuration the resource is being disassociated from.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### Resource

The resource (for example, a custom action) Amazon Resource Name (ARN) to unlink.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.



Pattern: `arn:aws:chatbot:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:custom-action/[a-zA-Z0-9_-]{1,64}`

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 Errors](#).

### InternalServerError

Unexpected error during processing of request.

HTTP Status Code: 500

### InvalidRequestException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### UnauthorizedException

The request was rejected because it doesn't have valid credentials for the target resource.

HTTP Status Code: 403

## See Also

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

- [AWS Command Line Interface](#)

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

# GetAccountPreferences

Returns Amazon Q Developer account preferences.

## Request Syntax

```
POST /get-account-preferences 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

{
  "AccountPreferences": {
    "TrainingDataCollectionEnabled": boolean,
    "UserAuthorizationRequired": boolean
  }
}
```

## Response Elements

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

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

### [AccountPreferences](#)

The preferences related to Amazon Q Developer usage in the calling AWS account.

Type: [AccountPreferences](#) object

## Errors

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

### **GetAccountPreferencesException**

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

### **InvalidRequestException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

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

# GetCustomAction

Returns a custom action.

## Request Syntax

```
POST /get-custom-action HTTP/1.1
Content-type: application/json
```

```
{
  "CustomActionArn": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### [CustomActionArn](#)

Returns the fully defined Amazon Resource Name (ARN) of the custom action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:aws:chatbot::[0-9]{12}:custom-action/[a-zA-Z0-9_-]{1,64}`

Required: Yes

## Response Syntax

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

```
{
  "CustomAction": {
    "ActionName": "string",
```

```
"AliasName": "string",
"Attachments": [
  {
    "ButtonText": "string",
    "Criteria": [
      {
        "Operator": "string",
        "Value": "string",
        "VariableName": "string"
      }
    ],
    "NotificationType": "string",
    "Variables": {
      "string": "string"
    }
  }
],
"CustomActionArn": "string",
"Definition": {
  "CommandText": "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.

### CustomAction

Returns the custom action.

Type: [CustomAction](#) object

## Errors

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

### InternalServerError

Unexpected error during processing of request.

HTTP Status Code: 500

### **InvalidRequestException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### **ResourceNotFoundException**

We were unable to find the resource for your request

HTTP Status Code: 404

### **UnauthorizedException**

The request was rejected because it doesn't have valid credentials for the target resource.

HTTP Status Code: 403

## **See Also**

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

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

# GetMicrosoftTeamsChannelConfiguration

Returns a Microsoft Teams channel configuration in an AWS account.

## Request Syntax

```
POST /get-ms-teams-channel-configuration HTTP/1.1
Content-type: application/json
```

```
{
  "ChatConfigurationArn": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### [ChatConfigurationArn](#)

The Amazon Resource Name (ARN) of the MicrosoftTeamsChannelConfiguration to retrieve.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

## Response Syntax

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

```
{
  "ChannelConfiguration": {
```



```
"ChannelId": "string",
"ChannelName": "string",
"ChatConfigurationArn": "string",
"ConfigurationName": "string",
"GuardrailPolicyArns": [ "string" ],
"IamRoleArn": "string",
"LoggingLevel": "string",
"SnsTopicArns": [ "string" ],
"State": "string",
"StateReason": "string",
"Tags": [
  {
    "TagKey": "string",
    "TagValue": "string"
  }
],
"TeamId": "string",
"TeamName": "string",
"TenantId": "string",
"UserAuthorizationRequired": boolean
}
```

## Response Elements

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

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

### ChannelConfiguration

The configuration for a Microsoft Teams channel configured with Amazon Q Developer.

Type: [TeamsChannelConfiguration](#) object

## Errors

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

### **GetTeamsChannelConfigurationException**

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

### **InvalidParameterException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### **InvalidRequestException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

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

# ListAssociations

Lists resources associated with a channel configuration.

## Request Syntax

```
POST /list-associations HTTP/1.1
Content-type: application/json
```

```
{
  "ChatConfiguration": "string",
  "MaxResults": number,
  "NextToken": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ChatConfiguration

The channel configuration to list associations for.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### MaxResults

The maximum number of results to include in the response. If more results exist than the specified MaxResults value, a token is included in the response so that the remaining results can be retrieved.

Type: Integer

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

Required: No

### NextToken

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

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

Pattern: `[\x20-\x7F]+`

Required: No

## Response Syntax

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

{
  "Associations": [
    {
      "Resource": "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 resources associated with this channel configuration.

Type: Array of [AssociationListing](#) objects

### **NextToken**

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

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

Pattern: `[\x20-\x7F]+`

## **Errors**

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

## **See Also**

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

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

# ListCustomActions

Lists custom actions defined in this account.

## Request Syntax

```
POST /list-custom-actions HTTP/1.1
Content-type: application/json

{
  "MaxResults": number,
  "NextToken": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### MaxResults

The maximum number of results to include in the response. If more results exist than the specified MaxResults value, a token is included in the response so that the remaining results can be retrieved.

Type: Integer

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

Required: No

### NextToken

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

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

Pattern: `[\x20-\x7F]+`

Required: No

## Response Syntax

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

{
  "CustomActions": [ "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.

### CustomActions

A list of custom actions.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:aws:chatbot::[0-9]{12}:custom-action/[a-zA-Z0-9_-]{1,64}`

### NextToken

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

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

Pattern: `[\x20-\x7F]+`

## Errors

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

### **InternalServerError**

Unexpected error during processing of request.

HTTP Status Code: 500

### **InvalidRequestException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### **UnauthorizedException**

The request was rejected because it doesn't have valid credentials for the target resource.

HTTP Status Code: 403

## See Also

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

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



# ListMicrosoftTeamsChannelConfigurations

Lists all Amazon Q Developer Microsoft Teams channel configurations in an AWS account.

## Request Syntax

```
POST /list-ms-teams-channel-configurations HTTP/1.1
Content-type: application/json
```

```
{
  "MaxResults": number,
  "NextToken": "string",
  "TeamId": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### MaxResults

The maximum number of results to include in the response. If more results exist than the specified MaxResults value, a token is included in the response so that the remaining results can be retrieved.

Type: Integer

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

Required: No

### NextToken

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1276.

Pattern: `[a-zA-Z0-9=\|/+\_.\- , # : \ \ " ] { 4 , 1276 }`

Required: No

## TeamId

The ID of the Microsoft Teams authorized with Amazon Q Developer.

To get the team ID, you must perform the initial authorization flow with Microsoft Teams in the Amazon Q Developer in chat applications console. Then you can copy and paste the team ID from the console. For more information, see [Step 1: Configure a Microsoft Teams client](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9A-Fa-f]{8}(?:-[0-9A-Fa-f]{4}){3}-[0-9A-Fa-f]{12}`

Required: No

## Response Syntax

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

{
  "NextToken": "string",
  "TeamChannelConfigurations": [
    {
      "ChannelId": "string",
      "ChannelName": "string",
      "ChatConfigurationArn": "string",
      "ConfigurationName": "string",
      "GuardrailPolicyArns": [ "string" ],
      "IamRoleArn": "string",
      "LoggingLevel": "string",
      "SnsTopicArns": [ "string" ],
      "State": "string",
```

```
    "StateReason": "string",
    "Tags": [
      {
        "TagKey": "string",
        "TagValue": "string"
      }
    ],
    "TeamId": "string",
    "TeamName": "string",
    "TenantId": "string",
    "UserAuthorizationRequired": boolean
  }
]
```

## Response Elements

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

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

### NextToken

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1276.

Pattern: `[a-zA-Z0-9=\/+_.\-,#\:\\"{}]{4,1276}`

### TeamChannelConfigurations

A list of Amazon Q Developer channel configurations for Microsoft Teams.

Type: Array of [TeamsChannelConfiguration](#) objects

## Errors

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

## **InvalidParameterException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

## **InvalidRequestException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

## **ListTeamsChannelConfigurationsException**

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

## **See Also**

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

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

# ListMicrosoftTeamsConfiguredTeams

Lists all authorized Microsoft Teams for an AWS Account

## Request Syntax

```
POST /list-ms-teams-configured-teams HTTP/1.1
Content-type: application/json

{
  "MaxResults": number,
  "NextToken": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### MaxResults

The maximum number of results to include in the response. If more results exist than the specified MaxResults value, a token is included in the response so that the remaining results can be retrieved.

Type: Integer

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

Required: No

### NextToken

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1276.

Pattern: `[a-zA-Z0-9=\|/+_.\-,#\:\\"{}]{4,1276}`

Required: No

## Response Syntax

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

{
  "ConfiguredTeams": [
    {
      "State": "string",
      "StateReason": "string",
      "TeamId": "string",
      "TeamName": "string",
      "TenantId": "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.

### ConfiguredTeams

A list of teams in Microsoft Teams that are configured with Amazon Q Developer.

Type: Array of [ConfiguredTeam](#) objects

### NextToken

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1276.

Pattern: `[a-zA-Z0-9=\|/+_\.\- , # : \\ " {} ] { 4 , 1276 }`

## Errors

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

### InvalidParameterException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### InvalidRequestException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### ListMicrosoftTeamsConfiguredTeamsException

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

## See Also

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

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

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



# ListMicrosoftTeamsUserIdentities

A list all Microsoft Teams user identities with a mapped role.

## Request Syntax

```
POST /list-ms-teams-user-identities HTTP/1.1
Content-type: application/json
```

```
{
  "ChatConfigurationArn": "string",
  "MaxResults": number,
  "NextToken": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ChatConfigurationArn

The Amazon Resource Name (ARN) of the MicrosoftTeamsChannelConfiguration associated with the user identities to list.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: No

### MaxResults

The maximum number of results to include in the response. If more results exist than the specified MaxResults value, a token is included in the response so that the remaining results can be retrieved.

Type: Integer

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

Required: No

### NextToken

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1276.

Pattern: `[a-zA-Z0-9=\/+_.\-,#\:\\"{}]{4,1276}`

Required: No

## Response Syntax

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

{
  "NextToken": "string",
  "TeamsUserIdentities": [
    {
      "AwsUserIdentity": "string",
      "ChatConfigurationArn": "string",
      "IamRoleArn": "string",
      "TeamId": "string",
      "TeamsChannelId": "string",
      "TeamsTenantId": "string",
      "UserId": "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

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1276.

Pattern: `[a-zA-Z0-9=\/+_.\-,#\:\\"{}]{4,1276}`

### TeamsUserIdentities

User level permissions associated to a channel configuration.

Type: Array of [TeamsUserIdentity](#) objects

## Errors

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

### **InvalidParameterException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### **InvalidRequestException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### **ListMicrosoftTeamsUserIdentitiesException**

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

## See Also

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

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

# ListTagsForResource

Lists all of the tags associated with the Amazon Resource Name (ARN) that you specify. The resource can be a user, server, or role.

## Request Syntax

```
POST /list-tags-for-resource HTTP/1.1
Content-type: application/json

{
  "ResourceARN": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ResourceARN

The ARN of the resource to list tags for.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

## Response Syntax

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

```
{
  "Tags": [
    {
      "TagKey": "string",
      "TagValue": "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

Key-value pairs that are assigned to a resource, usually for the purpose of grouping and searching for items. Tags are metadata that you define.

Type: Array of [Tag](#) objects

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

## Errors

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

### **InternalServerError**

Unexpected error during processing of request.

HTTP Status Code: 500

### **ResourceNotFoundException**

We were unable to find the resource for your request

HTTP Status Code: 404

### **ServiceUnavailableException**

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 429

## See Also

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

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

# TagResource

Attaches a key-value pair to a resource, as identified by its Amazon Resource Name (ARN). Resources are users, servers, roles, and other entities.

## Request Syntax

```
POST /tag-resource HTTP/1.1
Content-type: application/json

{
  "ResourceARN": "string",
  "Tags": [
    {
      "TagKey": "string",
      "TagValue": "string"
    }
  ]
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ResourceARN

The ARN of the configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes



## Tags

A list of tags to apply to the configuration.

Type: Array of [Tag](#) objects

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

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

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

## Errors

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

### InternalServerError

Unexpected error during processing of request.

HTTP Status Code: 500

### ResourceNotFoundException

We were unable to find the resource for your request

HTTP Status Code: 404

### ServiceUnavailableException

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 429

### TooManyTagsException

The supplied list of tags contains too many tags.

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

# UntagResource

Detaches a key-value pair from a resource, as identified by its Amazon Resource Name (ARN). Resources are users, servers, roles, and other entities.

## Request Syntax

```
POST /untag-resource HTTP/1.1
Content-type: application/json
```

```
{
  "ResourceARN": "string",
  "TagKeys": [ "string" ]
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ResourceARN

The value of the resource that will have the tag removed. An Amazon Resource Name (ARN) is an identifier for a specific AWS resource, such as a server, user, or role.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}: [A-Za-z0-9_/.-]{0,63}: [A-Za-z0-9] [A-Za-z0-9: _/+ =, @. -]{0,1023}`

Required: Yes

### TagKeys

TagKeys are key-value pairs assigned to ARNs that can be used to group and search for resources by type. This metadata can be attached to resources for any purpose.

Type: Array of strings

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

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

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

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

## Errors

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

### InternalServerError

Unexpected error during processing of request.

HTTP Status Code: 500

### ResourceNotFoundException

We were unable to find the resource for your request

HTTP Status Code: 404

### ServiceUnavailableException

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 429

## See Also

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

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

# UpdateAccountPreferences

Updates Amazon Q Developer account preferences.

## Request Syntax

```
POST /update-account-preferences HTTP/1.1
Content-type: application/json

{
  "TrainingDataCollectionEnabled": boolean,
  "UserAuthorizationRequired": boolean
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### TrainingDataCollectionEnabled

#### Note

This parameter is *deprecated*. For more information about Amazon Q Developer service improvements, see [Amazon Q Developer service improvement](#) in the *Amazon Q Developer User Guide*.

Turns on training data collection.

This helps improve the Amazon Q Developer experience by allowing Amazon Q Developer to store and use your customer information, such as Amazon Q Developer configurations, notifications, user inputs, Amazon Q Developer generated responses, and interaction data. This data helps us to continuously improve and develop Artificial Intelligence (AI) technologies. Your data is not shared with any third parties and is protected using sophisticated controls to prevent

unauthorized access and misuse. Amazon Q Developer does not store or use interactions in chat channels with Amazon Q for training AI technologies for Amazon Q Developer.

Type: Boolean

Required: No

### UserAuthorizationRequired

Enables use of a user role requirement in your chat configuration.

Type: Boolean

Required: No

## Response Syntax

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

{
  "AccountPreferences": {
    "TrainingDataCollectionEnabled": boolean,
    "UserAuthorizationRequired": boolean
  }
}
```

## Response Elements

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

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

### AccountPreferences

Preferences related to Amazon Q Developer usage in the calling AWS account.

Type: [AccountPreferences](#) object

## Errors

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

## InvalidParameterException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

## InvalidRequestException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

## UpdateAccountPreferencesException

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

## See Also

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

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



# UpdateChimeWebhookConfiguration

Updates a Amazon Chime webhook configuration.

## Request Syntax

```
POST /update-chime-webhook-configuration HTTP/1.1
Content-type: application/json
```

```
{
  "ChatConfigurationArn": "string",
  "IamRoleArn": "string",
  "LoggingLevel": "string",
  "SnsTopicArns": [ "string " ],
  "WebhookDescription": "string",
  "WebhookUrl": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ChatConfigurationArn

The Amazon Resource Name (ARN) of the ChimeWebhookConfiguration to update.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### IamRoleArn

A user-defined role that Amazon Q Developer assumes. This is not the service-linked role.

For more information, see [IAM policies for Amazon Q Developer in chat applications](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: No

### LoggingLevel

Logging levels include ERROR, INFO, or NONE.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 5.

Pattern: `(ERROR|INFO|NONE)`

Required: No

### SnsTopicArns

The ARNs of the SNS topics that deliver notifications to Amazon Q Developer.

Type: Array of strings

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: No

### WebhookDescription

A description of the webhook. We recommend using the convention RoomName/WebhookName.

For more information, see [Tutorial: Get started with Amazon Chime](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

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

Required: No

### WebhookUrl

The URL for the Amazon Chime webhook.

Type: String

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

Pattern: `https://hooks\.chime\.aws/incomingwebhooks/[A-Za-z0-9\-\_]+?\?token=[A-Za-z0-9\-\_]+`

Required: No

## Response Syntax

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

{
  "WebhookConfiguration": {
    "ChatConfigurationArn": "string",
    "ConfigurationName": "string",
    "IamRoleArn": "string",
    "LoggingLevel": "string",
    "SnsTopicArns": [ "string" ],
    "State": "string",
    "StateReason": "string",
    "Tags": [
      {
        "TagKey": "string",
        "TagValue": "string"
      }
    ],
    "WebhookDescription": "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.

### WebhookConfiguration

A Amazon Chime webhook configuration.

Type: [ChimeWebhookConfiguration](#) object

## Errors

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

### **InvalidParameterException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### **InvalidRequestException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### **ResourceNotFoundException**

We were unable to find the resource for your request

HTTP Status Code: 404

### **UpdateChimeWebhookConfigurationException**

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

## See Also

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

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

# UpdateCustomAction

Updates a custom action.

## Request Syntax

```
POST /update-custom-action HTTP/1.1
Content-type: application/json

{
  "AliasName": "string",
  "Attachments": [
    {
      "ButtonText": "string",
      "Criteria": [
        {
          "Operator": "string",
          "Value": "string",
          "VariableName": "string"
        }
      ],
      "NotificationType": "string",
      "Variables": {
        "string" : "string"
      }
    }
  ],
  "CustomActionArn": "string",
  "Definition": {
    "CommandText": "string"
  }
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

## AliasName

The name used to invoke this action in the chat channel. For example, @Amazon Q run my-alias.

Type: String

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

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

Required: No

## Attachments

Defines when this custom action button should be attached to a notification.

Type: Array of [CustomActionAttachment](#) objects

Required: No

## CustomActionArn

The fully defined Amazon Resource Name (ARN) of the custom action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: arn:aws:chatbot::[0-9]{12}:custom-action/[a-zA-Z0-9\_-]{1,64}

Required: Yes

## Definition

The definition of the command to run when invoked as an alias or as an action button.

Type: [CustomActionDefinition](#) object

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "CustomActionArn": "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.

### CustomActionArn

The fully defined ARN of the custom action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:aws:chatbot::[0-9]{12}:custom-action/[a-zA-Z0-9_-]{1,64}`

## Errors

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

### **InternalServerError**

Unexpected error during processing of request.

HTTP Status Code: 500

### **InvalidRequestException**

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

### **ResourceNotFoundException**

We were unable to find the resource for your request

HTTP Status Code: 404



## UnauthorizedException

The request was rejected because it doesn't have valid credentials for the target resource.

HTTP Status Code: 403

## See Also

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

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

# UpdateMicrosoftTeamsChannelConfiguration

Updates an Microsoft Teams channel configuration.

## Request Syntax

```
POST /update-ms-teams-channel-configuration HTTP/1.1
Content-type: application/json
```

```
{
  "ChannelId": "string",
  "ChannelName": "string",
  "ChatConfigurationArn": "string",
  "GuardrailPolicyArns": [ "string" ],
  "IamRoleArn": "string",
  "LoggingLevel": "string",
  "SnsTopicArns": [ "string" ],
  "UserAuthorizationRequired": boolean
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ChannelId

The ID of the Microsoft Teams channel.

Type: String

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

Pattern: (*[a-zA-Z0-9-\_=+\/.,]*)\*%3[aA](*[a-zA-Z0-9-\_=+\/.,]*)\*%40(*[a-zA-Z0-9-\_=+\/.,]*)\*

Required: Yes

## ChannelName

The name of the Microsoft Teams channel.

Type: String

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

Pattern: (.\*)

Required: No

## ChatConfigurationArn

The Amazon Resource Name (ARN) of the TeamsChannelConfiguration to update.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: arn:aws:(wheatley|chatbot):[A-Za-z0-9\_/.-]{0,63}:[A-Za-z0-9\_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:\_/+=@.-]{0,1023}

Required: Yes

## GuardrailPolicyArns

The list of IAM policy ARNs that are applied as channel guardrails. The AWS managed AdministratorAccess policy is applied by default if this is not set.

Type: Array of strings

Length Constraints: Minimum length of 11. Maximum length of 1163.

Pattern: (^\$|(?!.\*\aws-service-role\|.\*)arn:aws:iam:[A-Za-z0-9\_\.]{0,63}:[A-Za-z0-9\_\.]{0,63}:[A-Za-z0-9][A-Za-z0-9:\_\/+=@.-]{0,1023})

Required: No

## IamRoleArn

A user-defined role that Amazon Q Developer assumes. This is not the service-linked role.

For more information, see [IAM policies for Amazon Q Developer](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:/_+=,@.-]{0,1023}`

Required: No

### LoggingLevel

Logging levels include ERROR, INFO, or NONE.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 5.

Pattern: `(ERROR|INFO|NONE)`

Required: No

### SnsTopicArns

The Amazon Resource Names (ARNs) of the SNS topics that deliver notifications to Amazon Q Developer.

Type: Array of strings

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:/_+=,@.-]{0,1023}`

Required: No

### UserAuthorizationRequired

Enables use of a user role requirement in your chat configuration.

Type: Boolean

Required: No

## Response Syntax

```
HTTP/1.1 200
```

Content-type: application/json

```
{
  "ChannelConfiguration": {
    "ChannelId": "string",
    "ChannelName": "string",
    "ChatConfigurationArn": "string",
    "ConfigurationName": "string",
    "GuardrailPolicyArns": [ "string" ],
    "IamRoleArn": "string",
    "LoggingLevel": "string",
    "SnsTopicArns": [ "string" ],
    "State": "string",
    "StateReason": "string",
    "Tags": [
      {
        "TagKey": "string",
        "TagValue": "string"
      }
    ],
    "TeamId": "string",
    "TeamName": "string",
    "TenantId": "string",
    "UserAuthorizationRequired": boolean
  }
}
```

## Response Elements

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

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

### ChannelConfiguration

The configuration for a Microsoft Teams channel configured with Amazon Q Developer.

Type: [TeamsChannelConfiguration](#) object

## Errors

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

## InvalidParameterException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

## InvalidRequestException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

## ResourceNotFoundException

We were unable to find the resource for your request

HTTP Status Code: 404

## UpdateTeamsChannelConfigurationException

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

## See Also

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

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

# UpdateSlackChannelConfiguration

Updates a Slack channel configuration.

## Request Syntax

```
POST /update-slack-channel-configuration HTTP/1.1
Content-type: application/json
```

```
{
  "ChatConfigurationArn": "string",
  "GuardrailPolicyArns": [ "string" ],
  "IamRoleArn": "string",
  "LoggingLevel": "string",
  "SlackChannelId": "string",
  "SlackChannelName": "string",
  "SnsTopicArns": [ "string" ],
  "UserAuthorizationRequired": boolean
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ChatConfigurationArn

The Amazon Resource Name (ARN) of the SlackChannelConfiguration to update.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

## GuardrailPolicyArns

The list of IAM policy ARNs that are applied as channel guardrails. The AWS managed AdministratorAccess policy is applied by default if this is not set.

Type: Array of strings

Length Constraints: Minimum length of 11. Maximum length of 1163.

Pattern: (^\$|(?!.\*\aws-service-role\.\*))arn:aws:iam:[A-Za-z0-9\_\/.-]{0,63}:[A-Za-z0-9\_\/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:\_\/+=,@.-]{0,1023})

Required: No

## IamRoleArn

A user-defined role that Amazon Q Developer assumes. This is not the service-linked role.

For more information, see [IAM policies for Amazon Q Developer](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: arn:aws:[A-Za-z0-9][A-Za-z0-9\_\/.-]{0,62}:[A-Za-z0-9\_\/.-]{0,63}:[A-Za-z0-9\_\/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:\_\/+=,@.-]{0,1023}

Required: No

## LoggingLevel

Logging levels include ERROR, INFO, or NONE.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 5.

Pattern: (ERROR|INFO|NONE)

Required: No

## SlackChannelId

The ID of the Slack channel.



To get this ID, open Slack, right click on the channel name in the left pane, then choose Copy Link. The channel ID is the 9-character string at the end of the URL. For example, ABCBBLZZZ.

Type: String

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

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

Required: Yes

### SlackChannelName

The name of the Slack channel.

Type: String

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

Required: No

### SnsTopicArns

The Amazon Resource Names (ARNs) of the SNS topics that deliver notifications to Amazon Q Developer.

Type: Array of strings

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: No

### UserAuthorizationRequired

Enables use of a user role requirement in your chat configuration.

Type: Boolean

Required: No

## Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "ChannelConfiguration": {
    "ChatConfigurationArn": "string",
    "ConfigurationName": "string",
    "GuardrailPolicyArns": [ "string" ],
    "IamRoleArn": "string",
    "LoggingLevel": "string",
    "SlackChannelId": "string",
    "SlackChannelName": "string",
    "SlackTeamId": "string",
    "SlackTeamName": "string",
    "SnsTopicArns": [ "string" ],
    "State": "string",
    "StateReason": "string",
    "Tags": [
      {
        "TagKey": "string",
        "TagValue": "string"
      }
    ],
    "UserAuthorizationRequired": boolean
  }
}
```

## Response Elements

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

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

### ChannelConfiguration

The configuration for a Slack channel configured with Amazon Q Developer.

Type: [SlackChannelConfiguration](#) object

## Errors

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

## InvalidParameterException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

## InvalidRequestException

Your request input doesn't meet the constraints required by Amazon Q Developer.

HTTP Status Code: 400

## ResourceNotFoundException

We were unable to find the resource for your request

HTTP Status Code: 404

## UpdateSlackChannelConfigurationException

We can't process your request right now because of a server issue. Try again later.

HTTP Status Code: 500

## See Also

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

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

# Data Types

The AWS Chatbot 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:

- [AccountPreferences](#)
- [AssociationListing](#)
- [ChimeWebhookConfiguration](#)
- [ConfiguredTeam](#)
- [CustomAction](#)
- [CustomActionAttachment](#)
- [CustomActionAttachmentCriteria](#)
- [CustomActionDefinition](#)
- [SlackChannelConfiguration](#)
- [SlackUserIdentity](#)
- [SlackWorkspace](#)
- [Tag](#)
- [TeamsChannelConfiguration](#)
- [TeamsUserIdentity](#)

# AccountPreferences

Preferences related to Amazon Q Developer usage in the calling AWS account.

## Contents

### TrainingDataCollectionEnabled

Turns on training data collection.

This helps improve the Amazon Q Developer experience by allowing Amazon Q Developer to store and use your customer information, such as Amazon Q Developer configurations, notifications, user inputs, Amazon Q Developer generated responses, and interaction data. This data helps us to continuously improve and develop Artificial Intelligence (AI) technologies. Your data is not shared with any third parties and is protected using sophisticated controls to prevent unauthorized access and misuse. Amazon Q Developer does not store or use interactions in chat channels with Amazon Q for training AI technologies for Amazon Q Developer.

Type: Boolean

Required: No

### UserAuthorizationRequired

Enables use of a user role requirement in your chat configuration.

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](#)

# AssociationListing

A listing of an association with a channel configuration.

## Contents

### Resource

The Amazon Resource Name (ARN) of the resource (for example, a custom action).

Type: String

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

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](#)

# ChimeWebhookConfiguration

An Amazon Q Developer configuration for Amazon Chime.

## Contents

### ChatConfigurationArn

The Amazon Resource Name (ARN) of the ChimeWebhookConfiguration.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### IamRoleArn

A user-defined role that Amazon Q Developer assumes. This is not the service-linked role.

For more information, see [IAM policies for Amazon Q Developer](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### SnsTopicArns

The Amazon Resource Names (ARNs) of the SNS topics that deliver notifications to Amazon Q Developer.

Type: Array of strings

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### WebhookDescription

A description of the webhook. We recommend using the convention `RoomName/WebhookName`.

For more information, see [Tutorial: Get started with Amazon Chime](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

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

Required: Yes

### ConfigurationName

The name of the configuration.

Type: String

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

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

Required: No

### LoggingLevel

Logging levels include ERROR, INFO, or NONE.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 5.

Pattern: `(ERROR|INFO|NONE)`

Required: No

### State

Either ENABLED or DISABLED. The resource returns DISABLED if the organization's Amazon Q Developer policy has explicitly denied that configuration. For example, if Amazon Chime is disabled.



Type: String

Pattern: (ENABLED|DISABLED)

Required: No

### StateReason

Provided if State is DISABLED. Provides context as to why the resource is disabled.

Type: String

Required: No

### Tags

A map of tags assigned to a resource. A tag is a string-to-string map of key-value pairs.

Type: Array of [Tag](#) 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](#)

# ConfiguredTeam

A Microsoft Teams team that is authorized with Amazon Q Developer.

## Contents

### TeamId

The ID of the Microsoft Teams authorized with Amazon Q Developer.

To get the team ID, you must perform the initial authorization flow with Microsoft Teams in the Amazon Q Developer console. Then you can copy and paste the team ID from the console. For more information, see [Step 1: Configure a Microsoft Teams client](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9A-Fa-f]{8}(:-[0-9A-Fa-f]{4}){3}-[0-9A-Fa-f]{12}`

Required: Yes

### TenantId

The ID of the Microsoft Teams tenant.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9A-Fa-f]{8}(:-[0-9A-Fa-f]{4}){3}-[0-9A-Fa-f]{12}`

Required: Yes

### State

Either ENABLED or DISABLED. The resource returns DISABLED if the organization's Amazon Q Developer policy has explicitly denied that configuration. For example, if Amazon Chime is disabled.

Type: String

Pattern: `(ENABLED|DISABLED)`

Required: No

### StateReason

Provided if State is DISABLED. Provides context as to why the resource is disabled.

Type: String

Required: No

### TeamName

The name of the Microsoft Teams Team.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9A-Fa-f]{8}(:-[0-9A-Fa-f]{4}){3}-[0-9A-Fa-f]{12}`

Required: No

## See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# CustomAction

Represents a parameterized command that can be invoked as an alias or as a notification button in the chat client.

## Contents

### CustomActionArn

The fully defined Amazon Resource Name (ARN) of the custom action.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:aws:chatbot::[0-9]{12}:custom-action/[a-zA-Z0-9_-]{1,64}`

Required: Yes

### Definition

The definition of the command to run when invoked an alias or as an action button.

Type: [CustomActionDefinition](#) object

Required: Yes

### ActionName

The name of the custom action that is included in the ARN.

Type: String

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

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

Required: No

### AliasName

The name used to invoke this action in the chat channel. For example, `@Amazon Q run my-alias`.

Type: String

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

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

Required: No

## Attachments

Defines when this custom action button should be attached to a notification.

Type: Array of [CustomActionAttachment](#) 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](#)

# CustomActionAttachment

Defines when a custom action button should be attached to a notification.

## Contents

### ButtonText

The text of the button that appears on the notification.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Pattern: `[\S\s]+`

Required: No

### Criteria

The criteria for when a button should be shown based on values in the notification.

Type: Array of [CustomActionAttachmentCriteria](#) objects

Array Members: Minimum number of 1 item. Maximum number of 5 items.

Required: No

### NotificationType

The type of notification that the custom action should be attached to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

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

Required: No

### Variables

The variables to extract from the notification.

Type: String to string map

Map Entries: Maximum number of 5 items.

Key Length Constraints: Minimum length of 1. Maximum length of 100.

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

Value Length Constraints: Minimum length of 0. Maximum length of 1024.

Value Pattern: `[\x21-\x7F]+`

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](#)

# CustomActionAttachmentCriteria

A criteria for when a button should be shown based on values in the notification

## Contents

### Operator

The operation to perform on the named variable.

Type: String

Valid Values: HAS\_VALUE | EQUALS

Required: Yes

### VariableName

The name of the variable to operate on.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

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

Required: Yes

### Value

A value that is compared with the actual value of the variable based on the behavior of the operator.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

Pattern: [\\S\\s]+

Required: No

## See Also

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



- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# CustomActionDefinition

The definition of the command to run when invoked as an alias or as an action button.

## Contents

### CommandText

The command string to run which may include variables by prefixing with a dollar sign (\$).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `[\S\s]+`

Required: Yes

## See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# SlackChannelConfiguration

An Amazon Q Developer configuration for Slack.

## Contents

### ChatConfigurationArn

The Amazon Resource Name (ARN) of the SlackChannelConfiguration.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### IamRoleArn

A user-defined role that Amazon Q Developer assumes. This is not the service-linked role.

For more information, see [IAM policies for Amazon Q Developer](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### SlackChannelId

The ID of the Slack channel.

To get this ID, open Slack, right click on the channel name in the left pane, then choose Copy Link. The channel ID is the 9-character string at the end of the URL. For example, ABCBBLZZZ.

Type: String

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

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

Required: Yes

### **SlackChannelName**

The name of the Slack channel.

Type: String

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

Required: Yes

### **SlackTeamId**

The ID of the Slack workspace authorized with Amazon Chime.

Type: String

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

Pattern: `[0-9A-Z]{1,255}`

Required: Yes

### **SlackTeamName**

Name of the Slack workspace.

Type: String

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

Required: Yes

### **SnsTopicArns**

The ARNs of the SNS topics that deliver notifications to Amazon Q Developer.

Type: Array of strings

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### **ConfigurationName**

The name of the configuration.

Type: String

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

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

Required: No

### **GuardrailPolicyArns**

The list of IAM policy ARNs that are applied as channel guardrails. The AWS managed AdministratorAccess policy is applied by default if this is not set.

Type: Array of strings

Length Constraints: Minimum length of 11. Maximum length of 1163.

Pattern: `(^$|(?!.*\aws-service-role\.*).*)arn:aws:iam:[A-Za-z0-9_ \/.-]{0,63}:[A-Za-z0-9_ \/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_ \/+ =, @. -]{0,1023}`

Required: No

### **LoggingLevel**

Logging levels include ERROR, INFO, or NONE.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 5.

Pattern: `(ERROR|INFO|NONE)`

Required: No

### **State**

Either ENABLED or DISABLED. The resource returns DISABLED if the organization's Amazon Q Developer policy has explicitly denied that configuration. For example, if Amazon Chime is disabled.

Type: String

Pattern: (ENABLED|DISABLED)

Required: No

### **StateReason**

Provided if State is DISABLED. Provides context as to why the resource is disabled.

Type: String

Required: No

### **Tags**

A map of tags assigned to a resource. A tag is a string-to-string map of key-value pairs.

Type: Array of [Tag](#) objects

Required: No

### **UserAuthorizationRequired**

Enables use of a user role requirement in your chat configuration.

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](#)

# SlackUserIdentity

Identifies a user level permission for a channel configuration.

## Contents

### ChatConfigurationArn

The Amazon Resource Name (ARN) of the SlackChannelConfiguration associated with the user identity to delete.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### IamRoleArn

A user-defined role that Amazon Q Developer assumes. This is not the service-linked role.

For more information, see [IAM policies for Amazon Q Developer](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### SlackTeamId

The ID of the Slack workspace authorized with Amazon Q Developer.

Type: String

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

Pattern: `[0-9A-Z]{1,255}`

Required: Yes

### **SlackUserId**

The ID of the user in Slack

Type: String

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

Pattern: `(.*)`

Required: Yes

### **AwsUserIdentity**

The AWS user identity ARN used to associate a Slack user ID with an IAM Role.

Type: String

Length Constraints: Minimum length of 15. Maximum length of 1101.

Pattern: `arn:aws:(iam|sts)::[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

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](#)



# SlackWorkspace

A Slack workspace.

## Contents

### SlackTeamId

The ID of the Slack workspace authorized with Amazon Q Developer.

Type: String

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

Pattern: `[0-9A-Z]{1,255}`

Required: Yes

### SlackTeamName

The name of the Slack workspace.

Type: String

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

Required: Yes

### State

Either `ENABLED` or `DISABLED`. The resource returns `DISABLED` if the organization's Amazon Q Developer policy has explicitly denied that configuration. For example, if Amazon Chime is disabled.

Type: String

Pattern: `(ENABLED|DISABLED)`

Required: No

### StateReason

Provided if `State` is `DISABLED`. Provides context as to why the resource is disabled.

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](#)

# Tag

A key-value pair. A tag consists of a tag key and a tag value. Tag keys and tag values are both required, but tag values can be empty (null) strings.

## Important

Do not include confidential or sensitive information in this field.

For more information, see [User-Defined Tag Restrictions](#) in the *AWS Billing and Cost Management User Guide*.

## Contents

### TagKey

The key of the tag.

Type: String

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

Required: Yes

### TagValue

The value of the tag.

Type: String

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

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](#)

# TeamsChannelConfiguration

An Amazon Q Developer configuration for Microsoft Teams.

## Contents

### ChannelId

The ID of the Microsoft Teams channel.

Type: String

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

Pattern: (`[a-zA-Z0-9-_=+\./, ]`)\*%3[aA](`[a-zA-Z0-9-_=+\./, ]`)\*%40(`[a-zA-Z0-9-_=+\./, ]`)\*

Required: Yes

### ChatConfigurationArn

The Amazon Resource Name (ARN) of the MicrosoftTeamsChannelConfiguration associated with the user identity to delete.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:/_+=,@.-]{0,1023}`

Required: Yes

### IamRoleArn

A user-defined role that Amazon Q Developer assumes. This is not the service-linked role.

For more information, see [IAM policies for Amazon Q Developer](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:~/+,@.-]{0,1023}`

Required: Yes

## SnsTopicArns

The Amazon Resource Names (ARNs) of the SNS topics that deliver notifications to Amazon Q Developer.

Type: Array of strings

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:~/+,@.-]{0,1023}`

Required: Yes

## TeamId

The ID of the Microsoft Teams authorized with Amazon Q Developer.

To get the team ID, you must perform the initial authorization flow with Microsoft Teams in the Amazon Q Developer console. Then you can copy and paste the team ID from the console. For more information, see [Step 1: Configure a Microsoft Teams client](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9A-Fa-f]{8}(?:-[0-9A-Fa-f]{4}){3}-[0-9A-Fa-f]{12}`

Required: Yes

## TenantId

The ID of the Microsoft Teams tenant.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9A-Fa-f]{8}(?:-[0-9A-Fa-f]{4}){3}-[0-9A-Fa-f]{12}`

Required: Yes

### **ChannelName**

The name of the Microsoft Teams channel.

Type: String

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

Pattern: (.\*)

Required: No

### **ConfigurationName**

The name of the configuration.

Type: String

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

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

Required: No

### **GuardrailPolicyArns**

The list of IAM policy ARNs that are applied as channel guardrails. The AWS managed AdministratorAccess policy is applied by default if this is not set.

Type: Array of strings

Length Constraints: Minimum length of 11. Maximum length of 1163.

Pattern: (^\$|(?!.\*\aws-service-role\.\*).\*)arn:aws:iam:[A-Za-z0-9\_\. -]{0,63}:[A-Za-z0-9\_\. -]{0,63}:[A-Za-z0-9][A-Za-z0-9:\_\+ =, @. -]{0,1023})

Required: No

### **LoggingLevel**

Logging levels include ERROR, INFO, or NONE.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 5.

Pattern: ( ERROR | INFO | NONE )

Required: No

### State

Either ENABLED or DISABLED. The resource returns DISABLED if the organization's Amazon Q Developer policy has explicitly denied that configuration. For example, if Amazon Chime is disabled.

Type: String

Pattern: ( ENABLED | DISABLED )

Required: No

### StateReason

Provided if State is DISABLED. Provides context as to why the resource is disabled.

Type: String

Required: No

### Tags

A map of tags assigned to a resource. A tag is a string-to-string map of key-value pairs.

Type: Array of [Tag](#) objects

Required: No

### TeamName

The name of the Microsoft Teams Team.

Type: String

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

Pattern: ( . \* )

Required: No



## UserAuthorizationRequired

Enables use of a user role requirement in your chat configuration.

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](#)

# TeamsUserIdentity

Identifies a user level permission for a channel configuration.

## Contents

### ChatConfigurationArn

The Amazon Resource Name (ARN) of the MicrosoftTeamsChannelConfiguration associated with the user identity to delete.

Type: String

Length Constraints: Minimum length of 19. Maximum length of 1169.

Pattern: `arn:aws:(wheatley|chatbot):[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### IamRoleArn

A user-defined role that Amazon Q Developer assumes. This is not the service-linked role.

For more information, see [IAM policies for Amazon Q Developer](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 1224.

Pattern: `arn:aws:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=@.-]{0,1023}`

Required: Yes

### TeamId

The ID of the Microsoft Teams authorized with Amazon Q Developer.

To get the team ID, you must perform the initial authorization flow with Microsoft Teams in the Amazon Q Developer console. Then you can copy and paste the team ID from the console. For

more information, see [Step 1: Configure a Microsoft Teams client](#) in the *Amazon Q Developer Administrator Guide*.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9A-Fa-f]{8}(:-[0-9A-Fa-f]{4}){3}-[0-9A-Fa-f]{12}`

Required: Yes

### **AwsUserIdentity**

The AWS user identity ARN used to associate a Microsoft Teams user Identity with an IAM Role.

Type: String

Length Constraints: Minimum length of 15. Maximum length of 1101.

Pattern: `arn:aws:(iam|sts)::[A-Za-z0-9_/.-]{0,63}: [A-Za-z0-9][A-Za-z0-9: _/+ =, @. -]{0,1023}`

Required: No

### **TeamsChannelId**

The ID of the Microsoft Teams channel.

Type: String

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

Pattern: `([a-zA-Z0-9-_=+\./,])%3[aA]([a-zA-Z0-9-_=+\./,])%40([a-zA-Z0-9-_=+\./,])*`

Required: No

### **TeamsTenantId**

The ID of the Microsoft Teams tenant.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9A-Fa-f]{8}(:-[0-9A-Fa-f]{4}){3}-[0-9A-Fa-f]{12}`

Required: No

## UserId

The Microsoft Teams user ID.

Type: String

Length Constraints: Fixed length of 36.

Pattern: `[0-9A-Fa-f]{8}(:- [0-9A-Fa-f]{4}){3}-[0-9A-Fa-f]{12}`

Required: No

## See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# 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*.

## Action

The action to be performed.

Type: string

Required: Yes

## Version

The API version that the request is written for, expressed in the format YYYY-MM-DD.

Type: string

Required: Yes

## 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 Errors

This section lists the errors common to the API actions of all AWS services. For errors specific to an API action for this service, see the topic for that API action.

## **AccessDeniedException**

You do not have sufficient access to perform this action.

HTTP Status Code: 403

## **ExpiredTokenException**

The security token included in the request is expired

HTTP Status Code: 403

## **IncompleteSignature**

The request signature does not conform to AWS standards.

HTTP Status Code: 403

## **InternalFailure**

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

## **MalformedHttpRequestException**

Problems with the request at the HTTP level, e.g. we can't decompress the body according to the decompression algorithm specified by the content-encoding.

HTTP Status Code: 400

## **NotAuthorized**

You do not have permission to perform this action.

HTTP Status Code: 401

## **OptInRequired**

The AWS access key ID needs a subscription for the service.



HTTP Status Code: 403

### **RequestAbortedException**

Convenient exception that can be used when a request is aborted before a reply is sent back (e.g. client closed connection).

HTTP Status Code: 400

### **RequestEntityTooLargeException**

Problems with the request at the HTTP level. The request entity is too large.

HTTP Status Code: 413

### **RequestExpired**

The request reached the service more than 15 minutes after the date stamp on the request or more than 15 minutes after the request expiration date (such as for pre-signed URLs), or the date stamp on the request is more than 15 minutes in the future.

HTTP Status Code: 400

### **RequestTimeoutException**

Problems with the request at the HTTP level. Reading the Request timed out.

HTTP Status Code: 408

### **ServiceUnavailable**

The request has failed due to a temporary failure of the server.

HTTP Status Code: 503

### **ThrottlingException**

The request was denied due to request throttling.

HTTP Status Code: 400

### **UnrecognizedClientException**

The X.509 certificate or AWS access key ID provided does not exist in our records.

HTTP Status Code: 403

**UnknownOperationException**

The action or operation requested is invalid. Verify that the action is typed correctly.

HTTP Status Code: 404

**ValidationError**

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

HTTP Status Code: 400