



API Reference

Quick Setup



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Quick Setup: API Reference

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Welcome

Quick Setup helps you quickly configure frequently used services and features with recommended best practices. Quick Setup simplifies setting up services, including Systems Manager, by automating common or recommended tasks.

This document was last published on September 19, 2024.

Actions

The following actions are supported:

- [CreateConfigurationManager](#)
- [DeleteConfigurationManager](#)
- [GetConfigurationManager](#)
- [GetServiceSettings](#)
- [ListConfigurationManagers](#)
- [ListQuickSetupTypes](#)
- [ListTagsForResource](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateConfigurationDefinition](#)
- [UpdateConfigurationManager](#)
- [UpdateServiceSettings](#)

CreateConfigurationManager

Creates a Quick Setup configuration manager resource. This object is a collection of desired state configurations for multiple configuration definitions and summaries describing the deployments of those definitions.

Request Syntax

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

{
  "ConfigurationDefinitions": [
    {
      "LocalDeploymentAdministrationRoleArn": "string",
      "LocalDeploymentExecutionRoleName": "string",
      "Parameters": {
        "string" : "string"
      },
      "Type": "string",
      "TypeVersion": "string"
    }
  ],
  "Description": "string",
  "Name": "string",
  "Tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ConfigurationDefinitions

The definition of the Quick Setup configuration that the configuration manager deploys.

Type: Array of [ConfigurationDefinitionInput](#) objects

Required: Yes

Description

A description of the configuration manager.

Type: String

Pattern: `^.{0,512}$`

Required: No

Name

A name for the configuration manager.

Type: String

Pattern: `^[A-Za-z0-9._-]{0,120}$`

Required: No

Tags

Key-value pairs of metadata to assign to the configuration manager.

Type: String to string map

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

Key Pattern: `^[A-Za-z0-9_=@:./-]+$`

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

Value Pattern: `^[A-Za-z0-9_=@:./-]+$`

Required: No

Response Syntax

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

```
{  
  "ManagerArn": "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.

ManagerArn

The ARN for the newly created configuration manager.

Type: String

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerError

An error occurred on the server side.

HTTP Status Code: 500

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

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](#)

DeleteConfigurationManager

Deletes a configuration manager.

Request Syntax

```
DELETE /configurationManager/ManagerArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ManagerArn

The ID of the configuration manager.

Pattern: `^arn:aws:ssm-quicksetup:([^\:]+):(\d{12}):configuration-manager/[0-9a-fA-F]{8}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{12}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerErrorException

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

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

GetConfigurationManager

Returns a configuration manager.

Request Syntax

```
GET /configurationManager/ManagerArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ManagerArn

The ARN of the configuration manager.

Length Constraints: Minimum length of 1.

Pattern: `^arn:aws:ssm-quicksetup:([^\:]+):(\d{12}):configuration-manager/[0-9a-fA-F]{8}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{12}$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "ConfigurationDefinitions": [
    {
      "Id": "string",
      "LocalDeploymentAdministrationRoleArn": "string",
      "LocalDeploymentExecutionRoleName": "string",
      "Parameters": {
```



```

        "string" : "string"
    },
    "Type": "string",
    "TypeVersion": "string"
  }
],
"CreatedAt": "string",
"Description": "string",
"LastModifiedAt": "string",
"ManagerArn": "string",
"Name": "string",
"StatusSummaries": [
  {
    "LastUpdatedAt": "string",
    "Status": "string",
    "StatusDetails": {
      "string" : "string"
    },
    "StatusMessage": "string",
    "StatusType": "string"
  }
],
"Tags": {
  "string" : "string"
}
}

```

Response Elements

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

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

ConfigurationDefinitions

The configuration definitions association with the configuration manager.

Type: Array of [ConfigurationDefinition](#) objects

CreatedAt

The datetime stamp when the configuration manager was created.

Type: Timestamp

Description

The description of the configuration manager.

Type: String

LastModifiedAt

The datetime stamp when the configuration manager was last updated.

Type: Timestamp

ManagerArn

The ARN of the configuration manager.

Type: String

Name

The name of the configuration manager.

Type: String

StatusSummaries

A summary of the state of the configuration manager. This includes deployment statuses, association statuses, drift statuses, health checks, and more.

Type: Array of [StatusSummary](#) objects

Tags

Key-value pairs of metadata to assign to the configuration manager.

Type: String to string map

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

Key Pattern: `^[A-Za-z0-9 _=@: .+ -/]+$`

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

Value Pattern: `^[A-Za-z0-9 _=@: .+ -/]+$`

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerErrorException

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

See Also

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- [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](#)

GetServiceSettings

Returns settings configured for Quick Setup in the requesting AWS account and AWS Region.

Request Syntax

```
GET /serviceSettings 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

{
  "ServiceSettings": {
    "ExplorerEnablingRoleArn": "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.

ServiceSettings

Returns details about the settings for Quick Setup in the requesting AWS account and AWS Region.

Type: [ServiceSettings](#) object

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerError

An error occurred on the server side.

HTTP Status Code: 500

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

See Also

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- [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](#)

ListConfigurationManagers

Returns Quick Setup configuration managers.

Request Syntax

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

```
{
  "Filters": [
    {
      "Key": "string",
      "Values": [ "string" ]
    }
  ],
  "MaxItems": number,
  "StartingToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Filters

Filters the results returned by the request.

Type: Array of [Filter](#) objects

Required: No

MaxItems

Specifies the maximum number of configuration managers that are returned by the request.

Type: Integer

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

Required: No

StartingToken

The token to use when requesting a specific set of items from a list.

Type: String

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

Pattern: `^[A-Za-z0-9+=@_\\/\s-]*$`

Required: No

Response Syntax

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

{
  "ConfigurationManagersList": [
    {
      "ConfigurationDefinitionSummaries": [
        {
          "FirstClassParameters": {
            "string" : "string"
          },
          "Id": "string",
          "Type": "string",
          "TypeVersion": "string"
        }
      ],
      "Description": "string",
      "ManagerArn": "string",
      "Name": "string",
      "StatusSummaries": [
        {
          "LastUpdatedAt": "string",
          "Status": "string",
          "StatusDetails": {
            "string" : "string"
          },
          "StatusMessage": "string",

```

```
        "StatusType": "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.

ConfigurationManagersList

The configuration managers returned by the request.

Type: Array of [ConfigurationManagerSummary](#) objects

NextToken

The token to use when requesting the next set of configuration managers. If there are no additional operations to return, the string is empty.

Type: String

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerErrorException

An error occurred on the server side.

HTTP Status Code: 500

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

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](#)

ListQuickSetupTypes

Returns the available Quick Setup types.

Request Syntax

```
GET /listQuickSetupTypes 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

{
  "QuickSetupTypeList": [
    {
      "LatestVersion": "string",
      "Type": "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.

QuickSetupTypeList

An array of Quick Setup types.

Type: Array of [QuickSetupTypeOutput](#) objects

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerError

An error occurred on the server side.

HTTP Status Code: 500

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

See Also

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

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- [AWS SDK for .NET](#)
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- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)

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

ListTagsForResource

Returns tags assigned to the resource.

Request Syntax

```
GET /tags/ResourceArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ResourceArn

The ARN of the resource the tag is assigned to.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

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

Response Elements

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

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

Tags

Key-value pairs of metadata assigned to the resource.

Type: Array of [TagEntry](#) objects

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerErrorException

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

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](#)
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- [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

Assigns key-value pairs of metadata to AWS resources.

Request Syntax

```
PUT /tags/ResourceArn HTTP/1.1
Content-type: application/json

{
  "Tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

ResourceArn

The ARN of the resource to tag.

Required: Yes

Request Body

The request accepts the following data in JSON format.

Tags

Key-value pairs of metadata to assign to the resource.

Type: String to string map

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

Key Pattern: `^[A-Za-z0-9_=@: .+ -/]+$`

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

Value Pattern: `^[A-Za-z0-9_=@: .+~/]+$`

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](#).

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerError

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

See Also

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

UntagResource

Removes tags from the specified resource.

Request Syntax

```
DELETE /tags/ResourceArn?tagKeys=TagKeys HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ResourceArn

The ARN of the resource to remove tags from.

Required: Yes

TagKeys

The keys of the tags to remove from the resource.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerErrorException

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

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

UpdateConfigurationDefinition

Updates a Quick Setup configuration definition.

Request Syntax

```
PUT /configurationDefinition/ManagerArn/Id HTTP/1.1
Content-type: application/json

{
  "LocalDeploymentAdministrationRoleArn": "string",
  "LocalDeploymentExecutionRoleName": "string",
  "Parameters": {
    "string" : "string"
  },
  "TypeVersion": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

Id

The ID of the configuration definition you want to update.

Pattern: `^[a-z0-9-]{1,20}$`

Required: Yes

ManagerArn

The ARN of the configuration manager associated with the definition to update.

Pattern: `^arn:aws:ssm-quicksetup:([^:]+):(\d{12}):configuration-manager/[0-9a-fA-F]{8}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{12}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

LocalDeploymentAdministrationRoleArn

The ARN of the IAM role used to administrate local configuration deployments.

Type: String

Required: No

LocalDeploymentExecutionRoleName

The name of the IAM role used to deploy local configurations.

Type: String

Pattern: `^[\w+=, .@-]{1,64}$`

Required: No

Parameters

The parameters for the configuration definition type.

Type: String to string map

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

Key Pattern: `^[A-Za-z0-9+=@_\/\s-]+$`

Value Length Constraints: Minimum length of 0. Maximum length of 40960.

Required: No

TypeVersion

The version of the Quick Setup type to use.

Type: String

Pattern: `^\d{1,3}(\.\d{1,3})?|^LATEST$`

Required: No

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](#).

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerError

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

See Also

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

UpdateConfigurationManager

Updates a Quick Setup configuration manager.

Request Syntax

```
PUT /configurationManager/ManagerArn HTTP/1.1
Content-type: application/json
```

```
{
  "Description": "string",
  "Name": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

ManagerArn

The ARN of the configuration manager.

Pattern: `^arn:aws:ssm-quicksetup:([^\:]+):(\d{12}):configuration-manager/[0-9a-fA-F]{8}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{12}$`

Required: Yes

Request Body

The request accepts the following data in JSON format.

Description

A description of the configuration manager.

Type: String

Pattern: `^\.{0,512}$`

Required: No

Name

A name for the configuration manager.

Type: String

Pattern: `^[A-Za-z0-9._-]{0,120}$`

Required: No

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](#).

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerError

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

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](#)

UpdateServiceSettings

Updates settings configured for Quick Setup.

Request Syntax

```
PUT /serviceSettings HTTP/1.1
Content-type: application/json

{
  "ExplorerEnablingRoleArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[ExplorerEnablingRoleArn](#)

The IAM role used to enable Explorer.

Type: String

Required: No

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](#).

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerError

An error occurred on the server side.

HTTP Status Code: 500

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

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](#)

Data Types

The AWS Systems Manager QuickSetup 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:

- [ConfigurationDefinition](#)
- [ConfigurationDefinitionInput](#)
- [ConfigurationDefinitionSummary](#)
- [ConfigurationManagerSummary](#)
- [Filter](#)
- [QuickSetupTypeOutput](#)
- [ServiceSettings](#)
- [StatusSummary](#)
- [TagEntry](#)

ConfigurationDefinition

The definition of a Quick Setup configuration.

Contents

Parameters

A list of key-value pairs containing the required parameters for the configuration type.

Type: String to string map

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

Key Pattern: `^[A-Za-z0-9+=@_\/\s-]+$`

Value Length Constraints: Minimum length of 0. Maximum length of 40960.

Required: Yes

Type

The type of the Quick Setup configuration.

Type: String

Pattern: `^[a-zA-Z0-9_\- . : /]{3,200}$`

Required: Yes

Id

The ID of the configuration definition.

Type: String

Required: No

LocalDeploymentAdministrationRoleArn

The ARN of the IAM role used to administrate local configuration deployments.

Type: String

Required: No

LocalDeploymentExecutionRoleName

The name of the IAM role used to deploy local configurations.

Type: String

Pattern: `^[\\w+=, .@-]{1,64}$`

Required: No

TypeVersion

The version of the Quick Setup type used.

Type: String

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

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](#)

ConfigurationDefinitionInput

Defines the preferences and options for a configuration definition.

Contents

Parameters

The parameters for the configuration definition type. Parameters for configuration definitions vary based the configuration type. The following tables outline the parameters for each configuration type.

OpsCenter (Type: AWSQuickSetupType-SSMOpsCenter)

- `DelegatedAccountId`
 - Description: (Required) The ID of the delegated administrator account.
- `TargetOrganizationalUnits`
 - Description: (Required) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- `TargetRegions`
 - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Resource Scheduler (Type: AWSQuickSetupType-Scheduler)

- `TargetTagKey`
 - Description: (Required) The tag key assigned to the instances you want to target.
- `TargetTagValue`
 - Description: (Required) The value of the tag key assigned to the instances you want to target.
- `ICalendarString`
 - Description: (Required) An iCalendar formatted string containing the schedule you want Change Manager to use.
- `TargetAccounts`
 - Description: (Optional) The ID of the AWS account initiating the configuration deployment. You only need to provide a value for this parameter if you want to deploy the configuration locally. A value must be provided for either `TargetAccounts` or `TargetOrganizationalUnits`.

- `TargetOrganizationalUnits`
 - Description: (Optional) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- `TargetRegions`
 - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Default Host Management Configuration (Type: `AWSQuickSetupType-DHMC`)

- `UpdateSSMAgent`
 - Description: (Optional) A boolean value that determines whether the SSM Agent is updated on the target instances every 2 weeks. The default value is "true".
- `TargetOrganizationalUnits`
 - Description: (Required) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- `TargetRegions`
 - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Resource Explorer (Type: `AWSQuickSetupType-ResourceExplorer`)

- `SelectedAggregatorRegion`
 - Description: (Required) The AWS Region where you want to create the aggregator index.
- `ReplaceExistingAggregator`
 - Description: (Required) A boolean value that determines whether to demote an existing aggregator if it is in a Region that differs from the value you specify for the `SelectedAggregatorRegion`.
- `TargetOrganizationalUnits`
 - Description: (Required) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- `TargetRegions`
 - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Change Manager (Type: `AWSQuickSetupType-SSMChangeMgr`)

- `DelegatedAccountId`
 - Description: (Required) The ID of the delegated administrator account.

- **JobFunction**
 - Description: (Required) The name for the Change Manager job function.
- **PermissionType**
 - Description: (Optional) Specifies whether you want to use default administrator permissions for the job function role, or provide a custom IAM policy. The valid values are `CustomPermissions` and `AdminPermissions`. The default value for the parameter is `CustomerPermissions`.
- **CustomPermissions**
 - Description: (Optional) A JSON string containing the IAM policy you want your job function to use. You must provide a value for this parameter if you specify `CustomPermissions` for the `PermissionType` parameter.
- **TargetOrganizationalUnits**
 - Description: (Required) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- **TargetRegions**
 - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

DevOps Guru (Type: `AWSQuickSetupType-DevOpsGuru`)

- **AnalyseAllResources**
 - Description: (Optional) A boolean value that determines whether DevOps Guru analyzes all AWS CloudFormation stacks in the account. The default value is `false`.
- **EnableSnsNotifications**
 - Description: (Optional) A boolean value that determines whether DevOps Guru sends notifications when an insight is created. The default value is `true`.
- **EnableSsmOpsItems**
 - Description: (Optional) A boolean value that determines whether DevOps Guru creates an OpsCenter OpsItem when an insight is created. The default value is `true`.
- **EnableDriftRemediation**
 - Description: (Optional) A boolean value that determines whether a drift remediation schedule is used. The default value is `false`.
- **RemediationSchedule**

- **Description:** (Optional) A rate expression that defines the schedule for drift remediation. The valid values are `rate(30 days)`, `rate(14 days)`, `rate(1 days)`, and `none`. The default value is `"none"`.
- **TargetAccounts**
 - **Description:** (Optional) The ID of the AWS account initiating the configuration deployment. You only need to provide a value for this parameter if you want to deploy the configuration locally. A value must be provided for either `TargetAccounts` or `TargetOrganizationalUnits`.
- **TargetOrganizationalUnits**
 - **Description:** (Optional) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- **TargetRegions**
 - **Description:** (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Conformance Packs (Type: `AWSQuickSetupType-CFGCPacks`)

- **DelegatedAccountId**
 - **Description:** (Optional) The ID of the delegated administrator account. This parameter is required for Organization deployments.
- **RemediationSchedule**
 - **Description:** (Optional) A rate expression that defines the schedule for drift remediation. The valid values are `rate(30 days)`, `rate(14 days)`, `rate(2 days)`, and `none`. The default value is `"none"`.
- **CPackNames**
 - **Description:** (Required) A comma separated list of AWS Config conformance packs.
- **TargetAccounts**
 - **Description:** (Optional) The ID of the AWS account initiating the configuration deployment. You only need to provide a value for this parameter if you want to deploy the configuration locally. A value must be provided for either `TargetAccounts` or `TargetOrganizationalUnits`.
- **TargetOrganizationalUnits**
 - **Description:** (Optional) The ID of the root of your Organization. This configuration type doesn't currently support choosing specific OUs. The configuration will be deployed to all the OUs in the Organization.

- `TargetRegions`
 - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

AWS Config Recording (Type: `AWSQuickSetupType-CFGRecording`)

- `RecordAllResources`
 - Description: (Optional) A boolean value that determines whether all supported resources are recorded. The default value is "true".
- `ResourceTypesToRecord`
 - Description: (Optional) A comma separated list of resource types you want to record.
- `RecordGlobalResourceTypes`
 - Description: (Optional) A boolean value that determines whether global resources are recorded with all resource configurations. The default value is "false".
- `GlobalResourceTypesRegion`
 - Description: (Optional) Determines the AWS Region where global resources are recorded.
- `UseCustomBucket`
 - Description: (Optional) A boolean value that determines whether a custom Amazon S3 bucket is used for delivery. The default value is "false".
- `DeliveryBucketName`
 - Description: (Optional) The name of the Amazon S3 bucket you want AWS Config to deliver configuration snapshots and configuration history files to.
- `DeliveryBucketPrefix`
 - Description: (Optional) The key prefix you want to use in the custom Amazon S3 bucket.
- `NotificationOptions`
 - Description: (Optional) Determines the notification configuration for the recorder. The valid values are `NoStreaming`, `UseExistingTopic`, and `CreateTopic`. The default value is `NoStreaming`.
- `CustomDeliveryTopicAccountId`
 - Description: (Optional) The ID of the AWS account where the Amazon SNS topic you want to use for notifications resides. You must specify a value for this parameter if you use the `UseExistingTopic` notification option.
- `CustomDeliveryTopicName`

- **Description:** (Optional) The name of the Amazon SNS topic you want to use for notifications. You must specify a value for this parameter if you use the `UseExistingTopic` notification option.
- **RemediationSchedule**
 - **Description:** (Optional) A rate expression that defines the schedule for drift remediation. The valid values are `rate(30 days)`, `rate(7 days)`, `rate(1 days)`, and `none`. The default value is `"none"`.
- **TargetAccounts**
 - **Description:** (Optional) The ID of the AWS account initiating the configuration deployment. You only need to provide a value for this parameter if you want to deploy the configuration locally. A value must be provided for either `TargetAccounts` or `TargetOrganizationalUnits`.
- **TargetOrganizationalUnits**
 - **Description:** (Optional) The ID of the root of your Organization. This configuration type doesn't currently support choosing specific OUs. The configuration will be deployed to all the OUs in the Organization.
- **TargetRegions**
 - **Description:** (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Host Management (Type: `AWSQuickSetupType-SSMHostMgmt`)

- **UpdateSSMAgent**
 - **Description:** (Optional) A boolean value that determines whether the SSM Agent is updated on the target instances every 2 weeks. The default value is `"true"`.
- **UpdateEc2LaunchAgent**
 - **Description:** (Optional) A boolean value that determines whether the EC2 Launch agent is updated on the target instances every month. The default value is `"false"`.
- **CollectInventory**
 - **Description:** (Optional) A boolean value that determines whether the EC2 Launch agent is updated on the target instances every month. The default value is `"true"`.
- **ScanInstances**
 - **Description:** (Optional) A boolean value that determines whether the target instances are scanned daily for available patches. The default value is `"true"`.

- **InstallCloudWatchAgent**
 - Description: (Optional) A boolean value that determines whether the Amazon CloudWatch agent is installed on the target instances. The default value is "false".
- **UpdateCloudWatchAgent**
 - Description: (Optional) A boolean value that determines whether the Amazon CloudWatch agent is updated on the target instances every month. The default value is "false".
- **IsPolicyAttachAllowed**
 - Description: (Optional) A boolean value that determines whether Quick Setup attaches policies to instances profiles already associated with the target instances. The default value is "false".
- **TargetType**
 - Description: (Optional) Determines how instances are targeted for local account deployments. Don't specify a value for this parameter if you're deploying to OUs. The valid values are *, InstanceIds, ResourceGroups, and Tags. Use * to target all instances in the account.
- **TargetInstances**
 - Description: (Optional) A comma separated list of instance IDs. You must provide a value for this parameter if you specify InstanceIds for the TargetType parameter.
- **TargetTagKey**
 - Description: (Optional) The tag key assigned to the instances you want to target. You must provide a value for this parameter if you specify Tags for the TargetType parameter.
- **TargetTagValue**
 - Description: (Optional) The value of the tag key assigned to the instances you want to target. You must provide a value for this parameter if you specify Tags for the TargetType parameter.
- **ResourceGroupName**
 - Description: (Optional) The name of the resource group associated with the instances you want to target. You must provide a value for this parameter if you specify ResourceGroups for the TargetType parameter.
- **TargetAccounts**

- **Description:** (Optional) The ID of the AWS account initiating the configuration deployment. You only need to provide a value for this parameter if you want to deploy the configuration locally. A value must be provided for either `TargetAccounts` or `TargetOrganizationalUnits`.
- **TargetOrganizationalUnits**
 - **Description:** (Optional) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- **TargetRegions**
 - **Description:** (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Distributor (Type: `AWSQuickSetupType-Distributor`)

- **PackagesToInstall**
 - **Description:** (Required) A comma separated list of packages you want to install on the target instances. The valid values are `AWSEFSTools`, `AWSCWAgent`, and `AWSEC2LaunchAgent`.
- **RemediationSchedule**
 - **Description:** (Optional) A rate expression that defines the schedule for drift remediation. The valid values are `rate(30 days)`, `rate(14 days)`, `rate(2 days)`, and `none`. The default value is `"rate(30 days)"`.
- **IsPolicyAttachAllowed**
 - **Description:** (Optional) A boolean value that determines whether Quick Setup attaches policies to instances profiles already associated with the target instances. The default value is `"false"`.
- **TargetType**
 - **Description:** (Optional) Determines how instances are targeted for local account deployments. Don't specify a value for this parameter if you're deploying to OUs. The valid values are `*`, `InstanceIds`, `ResourceGroups`, and `Tags`. Use `*` to target all instances in the account.
- **TargetInstances**
 - **Description:** (Optional) A comma separated list of instance IDs. You must provide a value for this parameter if you specify `InstanceIds` for the `TargetType` parameter.
- **TargetTagKey**

- **Description: (Required)** The tag key assigned to the instances you want to target. You must provide a value for this parameter if you specify Tags for the `TargetType` parameter.
- **TargetTagValue**
 - **Description: (Required)** The value of the tag key assigned to the instances you want to target. You must provide a value for this parameter if you specify Tags for the `TargetType` parameter.
- **ResourceGroupName**
 - **Description: (Required)** The name of the resource group associated with the instances you want to target. You must provide a value for this parameter if you specify `ResourceGroups` for the `TargetType` parameter.
- **TargetAccounts**
 - **Description: (Optional)** The ID of the AWS account initiating the configuration deployment. You only need to provide a value for this parameter if you want to deploy the configuration locally. A value must be provided for either `TargetAccounts` or `TargetOrganizationalUnits`.
- **TargetOrganizationalUnits**
 - **Description: (Optional)** A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- **TargetRegions**
 - **Description: (Required)** A comma separated list of AWS Regions you want to deploy the configuration to.

Patch Policy (Type: `AWSQuickSetupType-PatchPolicy`)

- **PatchPolicyName**
 - **Description: (Required)** A name for the patch policy. The value you provide is applied to target Amazon EC2 instances as a tag.
- **SelectedPatchBaselines**
 - **Description: (Required)** An array of JSON objects containing the information for the patch baselines to include in your patch policy.
- **PatchBaselineUseDefault**
 - **Description: (Optional)** A boolean value that determines whether the selected patch baselines are all AWS provided.

- `ConfigurationOptionsPatchOperation`
 - Description: (Optional) Determines whether target instances scan for available patches, or scan and install available patches. The valid values are `Scan` and `ScanAndInstall`. The default value for the parameter is `Scan`.
- `ConfigurationOptionsScanValue`
 - Description: (Optional) A cron expression that is used as the schedule for when instances scan for available patches.
- `ConfigurationOptionsInstallValue`
 - Description: (Optional) A cron expression that is used as the schedule for when instances install available patches.
- `ConfigurationOptionsScanNextInterval`
 - Description: (Optional) A boolean value that determines whether instances should scan for available patches at the next cron interval. The default value is "false".
- `ConfigurationOptionsInstallNextInterval`
 - Description: (Optional) A boolean value that determines whether instances should scan for available patches at the next cron interval. The default value is "false".
- `RebootOption`
 - Description: (Optional) A boolean value that determines whether instances are rebooted after patches are installed. The default value is "false".
- `IsPolicyAttachAllowed`
 - Description: (Optional) A boolean value that determines whether Quick Setup attaches policies to instances profiles already associated with the target instances. The default value is "false".
- `OutputLogEnableS3`
 - Description: (Optional) A boolean value that determines whether command output logs are sent to Amazon S3.
- `OutputS3Location`
 - Description: (Optional) A JSON string containing information about the Amazon S3 bucket where you want to store the output details of the request.
 - `OutputS3BucketRegion`
 - Description: (Optional) The AWS Region where the Amazon S3 bucket you want [AWS Config to deliver command output to is located.](#)

- `OutputS3BucketName`
 - Description: (Optional) The name of the Amazon S3 bucket you want AWS Config to deliver command output to.
- `OutputS3KeyPrefix`
 - Description: (Optional) The key prefix you want to use in the custom Amazon S3 bucket.
- `TargetType`
 - Description: (Optional) Determines how instances are targeted for local account deployments. Don't specify a value for this parameter if you're deploying to OUs. The valid values are `*`, `InstanceIds`, `ResourceGroups`, and `Tags`. Use `*` to target all instances in the account.
- `TargetInstances`
 - Description: (Optional) A comma separated list of instance IDs. You must provide a value for this parameter if you specify `InstanceIds` for the `TargetType` parameter.
- `TargetTagKey`
 - Description: (Required) The tag key assigned to the instances you want to target. You must provide a value for this parameter if you specify `Tags` for the `TargetType` parameter.
- `TargetTagValue`
 - Description: (Required) The value of the tag key assigned to the instances you want to target. You must provide a value for this parameter if you specify `Tags` for the `TargetType` parameter.
- `ResourceGroupName`
 - Description: (Required) The name of the resource group associated with the instances you want to target. You must provide a value for this parameter if you specify `ResourceGroups` for the `TargetType` parameter.
- `TargetAccounts`
 - Description: (Optional) The ID of the AWS account initiating the configuration deployment. You only need to provide a value for this parameter if you want to deploy the configuration locally. A value must be provided for either `TargetAccounts` or `TargetOrganizationalUnits`.
- `TargetOrganizationalUnits`

- **Description:** (Optional) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- **TargetRegions**
 - **Description:** (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Type: String to string map

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

Key Pattern: `^[A-Za-z0-9+=@_\/\s-]+$`

Value Length Constraints: Minimum length of 0. Maximum length of 40960.

Required: Yes

Type

The type of the Quick Setup configuration.

Type: String

Pattern: `^[a-zA-Z0-9_\-.:/]{3,200}$`

Required: Yes

LocalDeploymentAdministrationRoleArn

The ARN of the IAM role used to administrate local configuration deployments.

Type: String

Required: No

LocalDeploymentExecutionRoleName

The name of the IAM role used to deploy local configurations.

Type: String

Pattern: `^[\\w+=, .@-]{1,64}$`

Required: No

TypeVersion

The version of the Quick Setup type to use.

Type: String

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

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](#)

ConfigurationDefinitionSummary

A summarized definition of a Quick Setup configuration definition.

Contents

FirstClassParameters

The common parameters and values for the configuration definition.

Type: String to string map

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

Key Pattern: `^[A-Za-z0-9+=@_\\s-]+$`

Value Length Constraints: Minimum length of 0. Maximum length of 40960.

Required: No

Id

The ID of the configuration definition.

Type: String

Required: No

Type

The type of the Quick Setup configuration used by the configuration definition.

Type: String

Required: No

TypeVersion

The version of the Quick Setup type used by the configuration definition.

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](#)

ConfigurationManagerSummary

A summary of a Quick Setup configuration manager.

Contents

ManagerArn

The ARN of the Quick Setup configuration.

Type: String

Required: Yes

ConfigurationDefinitionSummaries

A summary of the Quick Setup configuration definition.

Type: Array of [ConfigurationDefinitionSummary](#) objects

Required: No

Description

The description of the configuration.

Type: String

Required: No

Name

The name of the configuration

Type: String

Required: No

StatusSummaries

Summaries of the state of the configuration manager. These summaries include an aggregate of the statuses from the configuration definition associated with the configuration manager. This includes deployment statuses, association statuses, drift statuses, health checks, and more.

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

Filter

A key-value pair to filter results.

Contents

Key

The key for the filter.

Type: String

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

Pattern: `^[A-Za-z0-9+=@_\\s-]*$`

Required: Yes

Values

The values for the filter keys.

Type: Array of strings

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

Pattern: `^[A-Za-z0-9+=@_\\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](#)

QuickSetupTypeOutput

Information about the Quick Setup type.

Contents

LatestVersion

The latest version number of the configuration.

Type: String

Required: No

Type

The type of the Quick Setup configuration.

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](#)

ServiceSettings

Settings configured for Quick Setup.

Contents

ExplorerEnablingRoleArn

The IAM role used to enable Explorer.

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](#)

StatusSummary

A summarized description of the status.

Contents

LastUpdatedAt

The datetime stamp when the status was last updated.

Type: Timestamp

Required: Yes

StatusType

The type of a status summary.

Type: String

Valid Values: Deployment | AsyncExecutions

Required: Yes

Status

The current status.

Type: String

Valid Values: INITIALIZING | DEPLOYING | SUCCEEDED | DELETING | STOPPING | FAILED | STOPPED | DELETE_FAILED | STOP_FAILED | NONE

Required: No

StatusDetails

Details about the status.

Type: String to string map

Required: No

StatusMessage

When applicable, returns an informational message relevant to the current status and status type of the status summary object. We don't recommend implementing parsing logic around this value since the messages returned can vary in format.

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](#)

TagEntry

Key-value pairs of metadata.

Contents

Key

The key for the tag.

Type: String

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

Pattern: `^[A-Za-z0-9 _=@: .+ -/]+$`

Required: No

Value

The value for the tag.

Type: String

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

Pattern: `^[A-Za-z0-9 _=@: .+ -/]+$`

Required: No

See Also

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

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

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