aws

Amazon SES Mail Manager API Reference

Amazon SES Mail Manager API

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Amazon SES Mail Manager API: Amazon SES Mail Manager API Reference

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Welcome

Welcome to the Amazon SES Mail Manager API Reference. This guide provides information about the Amazon SES Mail Manager API, including supported operations, data types, parameters, and schemas.

The Amazon SES Mail Manager API contains operations and data types that comprise the Mail Manager feature of Amazon Simple Email Service (SES).

Mail Manager is a set of Amazon SES email gateway features designed to help you strengthen your organization's email infrastructure, simplify email workflow management, and streamline email compliance control. To learn more, see the Mail Manager chapter in the *Amazon SES Developer Guide*.

The Amazon SES Mail Manager API is available in several AWS Regions and it provides an endpoint for each of these Regions. For more information, see Amazon SES endpoints and quotas in the *Amazon Web Services General Reference*. To learn more about AWS Regions, see Managing AWS Regions in the *Amazon Web Services General Reference*

This document was last published on June 25, 2024.

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CreateAddonInstance

Creates an Add On instance for the subscription indicated in the request. The resulting Amazon Resource Name (ARN) can be used in a conditional statement for a rule set or traffic policy.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

AddonSubscriptionId

The unique ID of a previously created subscription that an Add On instance is created for. You can only have one instance per subscription.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 67.

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

Required: Yes

ClientToken

A unique token that Amazon SES uses to recognize subsequent retries of the same request.

Type: String

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

Required: No

Tags

The tags used to organize, track, or control access for the resource. For example, { "tags": {"key1":"value1", "key2":"value2"} }.

Type: Array of [Tag](#) objects

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

Required: No

Response Syntax

```
{
    "AddonInstanceId": "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.

AddonInstanceId

The unique ID of the Add On instance created by this API.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 67.

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

Errors

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

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ServiceQuotaExceededException

Occurs when an operation exceeds a predefined service quota or limit.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)
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CreateAddonSubscription

Creates a subscription for an Add On representing the acceptance of its terms of use and additional pricing. The subscription can then be used to create an instance for use in rule sets or traffic policies.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

AddonName

The name of the Add On to subscribe to. You can only have one subscription for each Add On name.

Type: String

Required: Yes

ClientToken

A unique token that Amazon SES uses to recognize subsequent retries of the same request.

Type: String

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

Required: No

Tags

> The tags used to organize, track, or control access for the resource. For example, { "tags": {"key1":"value1", "key2":"value2"} }.
>
> Type: Array of Tag objects
>
> Array Members: Minimum number of 0 items. Maximum number of 200 items.
>
> Required: No

Response Syntax

```
{
    "AddonSubscriptionId": "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.

AddonSubscriptionId

> The unique ID of the Add On subscription created by this API.
>
> Type: String
>
> Length Constraints: Minimum length of 4. Maximum length of 67.
>
> Pattern: ^as-[a-zA-Z0-9]{1,64}$

Errors

For information about the errors that are common to all actions, see Common Errors.

ConflictException

> The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ServiceQuotaExceededException

Occurs when an operation exceeds a predefined service quota or limit.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

HTTP Status Code: 400

See Also

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

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CreateArchive

Creates a new email archive resource for storing and retaining emails.

Request Syntax

```
{
    "ArchiveName": "string",
    "ClientToken": "string",
    "KmsKeyArn": "string",
    "Retention": { ... },
    "Tags": [
        {
            "Key": "string",
            "Value": "string"
        }
    ]
}
```

Request Parameters

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

The request accepts the following data in JSON format.

ArchiveName

A unique name for the new archive.

Type: String

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

Pattern: `^[a-zA-Z0-9][a-zA-Z0-9_-]*[a-zA-Z0-9]$`

Required: Yes

ClientToken

A unique token Amazon SES uses to recognize retries of this request.

Type: String

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

Required: No

KmsKeyArn

The Amazon Resource Name (ARN) of the KMS key for encrypting emails in the archive.

Type: String

Pattern: `^arn:aws(|-cn|-us-gov):kms:[a-z0-9-]{1,20}:[0-9]{12}:(key|alias)/.+$`

Required: No

Retention

The period for retaining emails in the archive before automatic deletion.

Type: ArchiveRetention object

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

Required: No

Tags

The tags used to organize, track, or control access for the resource. For example, { "tags": {"key1":"value1", "key2":"value2"} }.

Type: Array of Tag objects

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

Required: No

Response Syntax

```
{
   "ArchiveId": "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.

ArchiveId

The unique identifier for the newly created archive.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 66.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

Occurs when a user is denied access to a specific resource or action.

HTTP Status Code: 400

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ServiceQuotaExceededException

Occurs when an operation exceeds a predefined service quota or limit.

HTTP Status Code: 400

ThrottlingException

Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

HTTP Status Code: 400

See Also

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

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- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateIngressPoint

Provision a new ingress endpoint resource.

Request Syntax

```
{
    "ClientToken": "string",
    "IngressPointConfiguration": { ... },
    "IngressPointName": "string",
    "RuleSetId": "string",
    "Tags": [
        {
            "Key": "string",
            "Value": "string"
        }
    ],
    "TrafficPolicyId": "string",
    "Type": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ClientToken

A unique token that Amazon SES uses to recognize subsequent retries of the same request.

Type: String

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

Required: No

IngressPointConfiguration

If you choose an Authenticated ingress endpoint, you must configure either an SMTP password or a secret ARN.

Type: IngressPointConfiguration object

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

Required: No

IngressPointName

A user friendly name for an ingress endpoint resource.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

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

Required: Yes

RuleSetId

The identifier of an existing rule set that you attach to an ingress endpoint resource.

Type: String

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

Required: Yes

Tags

The tags used to organize, track, or control access for the resource. For example, { "tags": {"key1":"value1", "key2":"value2"} }.

Type: Array of [Tag](#) objects

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

Required: No

TrafficPolicyId

The identifier of an existing traffic policy that you attach to an ingress endpoint resource.

Type: String

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

Required: Yes

Type

The type of the ingress endpoint to create.

Type: String

Valid Values: OPEN | AUTH

Required: Yes

Response Syntax

```
{
    "IngressPointId": "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.

IngressPointId

The unique identifier for a previously created ingress endpoint.

Type: String

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

Errors

For information about the errors that are common to all actions, see Common Errors.

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ServiceQuotaExceededException

Occurs when an operation exceeds a predefined service quota or limit.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

HTTP Status Code: 400

See Also

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

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- [AWS SDK for .NET](#)
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CreateRelay

Creates a relay resource which can be used in rules to relay incoming emails to defined relay destinations.

Request Syntax

```
{
    "Authentication": { ... },
    "ClientToken": "string",
    "RelayName": "string",
    "ServerName": "string",
    "ServerPort": number,
    "Tags": [
        {
            "Key": "string",
            "Value": "string"
        }
    ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Authentication

Authentication for the relay destination server—specify the secretARN where the SMTP credentials are stored.

Type: RelayAuthentication object

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

Required: Yes

ClientToken

A unique token that Amazon SES uses to recognize subsequent retries of the same request.

Type: String

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

Required: No

RelayName

The unique name of the relay resource.

Type: String

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

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

Required: Yes

ServerName

The destination relay server address.

Type: String

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

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

Required: Yes

ServerPort

The destination relay server port.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 65535.

Required: Yes

Tags

The tags used to organize, track, or control access for the resource. For example, { "tags": {"key1":"value1", "key2":"value2"} }.

Type: Array of Tag objects

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

Required: No

Response Syntax

```
{
    "RelayId": "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.

RelayId

A unique identifier of the created relay resource.

Type: String

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

Pattern: ^[a-zA-Z0-9-]+$

Errors

For information about the errors that are common to all actions, see Common Errors.

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ServiceQuotaExceededException

Occurs when an operation exceeds a predefined service quota or limit.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)
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CreateRuleSet

Provision a new rule set.

Request Syntax

```
{
   "ClientToken": "string",
   "Rules": [
      {
         "Actions": [
            { ... }
         ],
         "Conditions": [
            { ... }
         ],
         "Name": "string",
         "Unless": [
            { ... }
         ]
      }
   ],
   "RuleSetName": "string",
   "Tags": [
      {
         "Key": "string",
         "Value": "string"
      }
   ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ClientToken

A unique token that Amazon SES uses to recognize subsequent retries of the same request.

Type: String

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

Required: No

Rules

Conditional rules that are evaluated for determining actions on email.

Type: Array of Rule objects

Array Members: Minimum number of 0 items. Maximum number of 40 items.

Required: Yes

RuleSetName

A user-friendly name for the rule set.

Type: String

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

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

Required: Yes

Tags

The tags used to organize, track, or control access for the resource. For example, { "tags": {"key1":"value1", "key2":"value2"} }.

Type: Array of Tag objects

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

Required: No

Response Syntax

```
{
   "RuleSetId": "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.

RuleSetId

The identifier of the created rule set.

Type: String

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

Errors

For information about the errors that are common to all actions, see Common Errors.

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ServiceQuotaExceededException

Occurs when an operation exceeds a predefined service quota or limit.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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

CreateTrafficPolicy

Provision a new traffic policy resource.

Request Syntax

```
{
   "ClientToken": "string",
   "DefaultAction": "string",
   "MaxMessageSizeBytes": number,
   "PolicyStatements": [
      {
         "Action": "string",
         "Conditions": [
            { ... }
         ]
      }
   ],
   "Tags": [
      {
         "Key": "string",
         "Value": "string"
      }
   ],
   "TrafficPolicyName": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ClientToken

A unique token that Amazon SES uses to recognize subsequent retries of the same request.

Type: String

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

Required: No

DefaultAction

Default action instructs the traffic policy to either Allow or Deny (block) messages that fall outside of (or not addressed by) the conditions of your policy statements

Type: String

Valid Values: `ALLOW` | `DENY`

Required: Yes

MaxMessageSizeBytes

The maximum message size in bytes of email which is allowed in by this traffic policy—anything larger will be blocked.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

PolicyStatements

Conditional statements for filtering email traffic.

Type: Array of PolicyStatement objects

Required: Yes

Tags

The tags used to organize, track, or control access for the resource. For example, { "tags": {"key1":"value1", "key2":"value2"} }.

Type: Array of Tag objects

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

Required: No

TrafficPolicyName

A user-friendly name for the traffic policy resource.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

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

Required: Yes

Response Syntax

```
{
    "TrafficPolicyId": "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.

TrafficPolicyId

The identifier of the traffic policy resource.

Type: String

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

Errors

For information about the errors that are common to all actions, see Common Errors.

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ServiceQuotaExceededException

Occurs when an operation exceeds a predefined service quota or limit.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)
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DeleteAddonInstance

Deletes an Add On instance.

Request Syntax

```
{
    "AddonInstanceId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

AddonInstanceId

The Add On instance ID to delete.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 67.

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

Required: Yes

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors.

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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

DeleteAddonSubscription

Deletes an Add On subscription.

Request Syntax

```
{
    "AddonSubscriptionId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

AddonSubscriptionId

The Add On subscription ID to delete.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 67.

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

Required: Yes

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors.

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

HTTP Status Code: 400

See Also

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

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DeleteArchive

Initiates deletion of an email archive. This changes the archive state to pending deletion. In this state, no new emails can be added, and existing archived emails become inaccessible (search, export, download). The archive and all of its contents will be permanently deleted 30 days after entering the pending deletion state, regardless of the configured retention period.

Request Syntax

```
{
    "ArchiveId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ArchiveId

The identifier of the archive to delete.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 66.

Required: Yes

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

Occurs when a user is denied access to a specific resource or action.

HTTP Status Code: 400

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ThrottlingException

Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)
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DeleteIngressPoint

Delete an ingress endpoint resource.

Request Syntax

```
{
    "IngressPointId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

IngressPointId

The identifier of the ingress endpoint resource that you want to delete.

Type: String

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

Required: Yes

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors.

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

HTTP Status Code: 400

See Also

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

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DeleteRelay

Deletes an existing relay resource.

Request Syntax

```
{
    "RelayId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

RelayId

The unique relay identifier.

Type: String

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

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

Required: Yes

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors.

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

DeleteRuleSet

Delete a rule set.

Request Syntax

```
{
    "RuleSetId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

RuleSetId

The identifier of an existing rule set resource to delete.

Type: String

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

Required: Yes

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors.

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

DeleteTrafficPolicy

Delete a traffic policy resource.

Request Syntax

```
{
    "TrafficPolicyId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

TrafficPolicyId

The identifier of the traffic policy that you want to delete.

Type: String

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

Required: Yes

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors.

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

GetAddonInstance

Gets detailed information about an Add On instance.

Request Syntax

```
{
   "AddonInstanceId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

AddonInstanceId

The Add On instance ID to retrieve information for.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 67.

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

Required: Yes

Response Syntax

```
{
   "AddonInstanceArn": "string",
   "AddonName": "string",
   "AddonSubscriptionId": "string",
   "CreatedTimestamp": number
}
```

Response Elements

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

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

AddonInstanceArn

The Amazon Resource Name (ARN) of the Add On instance.

Type: String

AddonName

The name of the Add On provider associated to the subscription of the instance.

Type: String

AddonSubscriptionId

The subscription ID associated to the instance.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 67.

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

CreatedTimestamp

The timestamp of when the Add On instance was created.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see Common Errors.

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

GetAddonSubscription

Gets detailed information about an Add On subscription.

Request Syntax

```
{
    "AddonSubscriptionId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

AddonSubscriptionId

The Add On subscription ID to retrieve information for.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 67.

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

Required: Yes

Response Syntax

```
{
    "AddonName": "string",
    "AddonSubscriptionArn": "string",
    "CreatedTimestamp": number
}
```

Response Elements

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

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

AddonName

The name of the Add On for the subscription.

Type: String

AddonSubscriptionArn

Amazon Resource Name (ARN) for the subscription.

Type: String

CreatedTimestamp

The timestamp of when the Add On subscription was created.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see Common Errors.

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

GetArchive

Retrieves the full details and current state of a specified email archive.

Request Syntax

```
{
    "ArchiveId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ArchiveId

The identifier of the archive to retrieve.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 66.

Required: Yes

Response Syntax

```
{
    "ArchiveArn": "string",
    "ArchiveId": "string",
    "ArchiveName": "string",
    "ArchiveState": "string",
    "CreatedTimestamp": number,
    "KmsKeyArn": "string",
    "LastUpdatedTimestamp": number,
    "Retention": { ... }
}
```

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.

ArchiveArn

> The Amazon Resource Name (ARN) of the archive.
>
> Type: String

ArchiveId

> The unique identifier of the archive.
>
> Type: String
>
> Length Constraints: Minimum length of 1. Maximum length of 66.

ArchiveName

> The unique name assigned to the archive.
>
> Type: String
>
> Length Constraints: Minimum length of 1. Maximum length of 64.
>
> Pattern: ^[a-zA-Z0-9][a-zA-Z0-9_-]*[a-zA-Z0-9]$

ArchiveState

> The current state of the archive:
>
> - ACTIVE – The archive is ready and available for use.
> - PENDING_DELETION – The archive has been marked for deletion and will be permanently deleted in 30 days. No further modifications can be made in this state.
>
> Type: String
>
> Valid Values: ACTIVE | PENDING_DELETION

CreatedTimestamp

> The timestamp of when the archive was created.

Type: Timestamp

KmsKeyArn

The Amazon Resource Name (ARN) of the KMS key used to encrypt the archive.

Type: String

Pattern: `^arn:aws(|-cn|-us-gov):kms:[a-z0-9-]{1,20}:[0-9]{12}:(key|alias)/.+$`

LastUpdatedTimestamp

The timestamp of when the archive was modified.

Type: Timestamp

Retention

The retention period for emails in this archive.

Type: ArchiveRetention object

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

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

Occurs when a user is denied access to a specific resource or action.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ThrottlingException

Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

GetArchiveExport

Retrieves the details and current status of a specific email archive export job.

Request Syntax

```
{
    "ExportId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ExportId

The identifier of the export job to get details for.

Type: String

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

Required: Yes

Response Syntax

```
{
    "ArchiveId": "string",
    "ExportDestinationConfiguration": { ... },
    "Filters": {
        "Include": [
            { ... }
        ],
        "Unless": [
            { ... }
        ]
    },
    "FromTimestamp": number,
```

```
   "MaxResults": number,
   "Status": {
      "CompletionTimestamp": number,
      "ErrorMessage": "string",
      "State": "string",
      "SubmissionTimestamp": number
   },
   "ToTimestamp": number
}
```

Response Elements

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

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

ArchiveId

The identifier of the archive the email export was performed from.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 66.

Pattern: `^a-[\w]{1,64}$`

ExportDestinationConfiguration

Where the exported emails are being delivered.

Type: ExportDestinationConfiguration object

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

Filters

The criteria used to filter emails included in the export.

Type: ArchiveFilters object

FromTimestamp

The start of the timestamp range the exported emails cover.

Type: Timestamp

MaxResults

The maximum number of email items included in the export.

Type: Integer

Status

The current status of the export job.

Type: ExportStatus object

ToTimestamp

The end of the date range the exported emails cover.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

Occurs when a user is denied access to a specific resource or action.

HTTP Status Code: 400

ThrottlingException

Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

GetArchiveMessage

Returns a pre-signed URL that provides temporary download access to the specific email message stored in the archive.

Request Syntax

```
{
    "ArchivedMessageId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ArchivedMessageId

The unique identifier of the archived email message.

Type: String

Required: Yes

Response Syntax

```
{
    "MessageDownloadLink": "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.

MessageDownloadLink

A pre-signed URL to temporarily download the full message content.

Type: String

Errors

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

AccessDeniedException

Occurs when a user is denied access to a specific resource or action.

HTTP Status Code: 400

ThrottlingException

Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

GetArchiveMessageContent

Returns the textual content of a specific email message stored in the archive. Attachments are not included.

Request Syntax

```
{
    "ArchivedMessageId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ArchivedMessageId

The unique identifier of the archived email message.

Type: String

Required: Yes

Response Syntax

```
{
    "Body": {
        "Html": "string",
        "MessageMalformed": boolean,
        "Text": "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.

Body

    The textual body content of the email message.

    Type: MessageBody object

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

    Occurs when a user is denied access to a specific resource or action.

    HTTP Status Code: 400

ThrottlingException

    Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

    HTTP Status Code: 400

ValidationException

    The request validation has failed. For details, see the accompanying error message.

    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](#)

GetArchiveSearch

Retrieves the details and current status of a specific email archive search job.

Request Syntax

```
{
    "SearchId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

SearchId

The identifier of the search job to get details for.

Type: String

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

Required: Yes

Response Syntax

```
{
    "ArchiveId": "string",
    "Filters": {
        "Include": [
            { ... }
        ],
        "Unless": [
            { ... }
        ]
    },
    "FromTimestamp": number,
    "MaxResults": number,
```

```
    "Status": {
        "CompletionTimestamp": number,
        "ErrorMessage": "string",
        "State": "string",
        "SubmissionTimestamp": number
    },
    "ToTimestamp": number
}
```

Response Elements

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

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

ArchiveId

The identifier of the archive the email search was performed in.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 66.

Pattern: `^a-[\w]{1,64}$`

Filters

The criteria used to filter emails included in the search.

Type: ArchiveFilters object

FromTimestamp

The start timestamp of the range the searched emails cover.

Type: Timestamp

MaxResults

The maximum number of search results to return.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 1000.

Status

The current status of the search job.

Type: SearchStatus object

ToTimestamp

The end timestamp of the range the searched emails cover.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

Occurs when a user is denied access to a specific resource or action.

HTTP Status Code: 400

ThrottlingException

Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

GetArchiveSearchResults

Returns the results of a completed email archive search job.

Request Syntax

```
{
    "SearchId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

SearchId

The identifier of the completed search job.

Type: String

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

Required: Yes

Response Syntax

```
{
    "Rows": [
        {
            "ArchivedMessageId": "string",
            "Cc": "string",
            "Date": "string",
            "From": "string",
            "HasAttachments": boolean,
            "InReplyTo": "string",
            "MessageId": "string",
            "ReceivedHeaders": [ "string" ],
            "ReceivedTimestamp": number,
            "Subject": "string",
```

```
            "To": "string",
            "XMailer": "string",
            "XOriginalMailer": "string",
            "XPriority": "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.

Rows

The list of email result objects matching the search criteria.

Type: Array of Row objects

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

Occurs when a user is denied access to a specific resource or action.

HTTP Status Code: 400

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ThrottlingException

Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

GetIngressPoint

Fetch ingress endpoint resource attributes.

Request Syntax

```
{
    "IngressPointId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

IngressPointId

The identifier of an ingress endpoint.

Type: String

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

Required: Yes

Response Syntax

```
{
    "ARecord": "string",
    "CreatedTimestamp": number,
    "IngressPointArn": "string",
    "IngressPointAuthConfiguration": {
        "IngressPointPasswordConfiguration": {
            "PreviousSmtpPasswordExpiryTimestamp": number,
            "PreviousSmtpPasswordVersion": "string",
            "SmtpPasswordVersion": "string"
        },
        "SecretArn": "string"
    },
    "IngressPointId": "string",
```

```
        "IngressPointName": "string",
        "LastUpdatedTimestamp": number,
        "RuleSetId": "string",
        "Status": "string",
        "TrafficPolicyId": "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.

ARecord

The DNS A Record that identifies your ingress endpoint. Configure your DNS Mail Exchange (MX) record with this value to route emails to Mail Manager.

Type: String

CreatedTimestamp

The timestamp of when the ingress endpoint was created.

Type: Timestamp

IngressPointArn

The Amazon Resource Name (ARN) of the ingress endpoint resource.

Type: String

IngressPointAuthConfiguration

The authentication configuration of the ingress endpoint resource.

Type: IngressPointAuthConfiguration object

IngressPointId

The identifier of an ingress endpoint resource.

Type: String

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

IngressPointName

A user friendly name for the ingress endpoint.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

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

LastUpdatedTimestamp

The timestamp of when the ingress endpoint was last updated.

Type: Timestamp

RuleSetId

The identifier of a rule set resource associated with the ingress endpoint.

Type: String

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

Status

The status of the ingress endpoint resource.

Type: String

Valid Values: `PROVISIONING` | `DEPROVISIONING` | `UPDATING` | `ACTIVE` | `CLOSED` | `FAILED`

TrafficPolicyId

The identifier of the traffic policy resource associated with the ingress endpoint.

Type: String

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

Type

The type of ingress endpoint.

Type: String

Valid Values: OPEN | AUTH

Errors

For information about the errors that are common to all actions, see Common Errors.

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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

GetRelay

Fetch the relay resource and it's attributes.

Request Syntax

```
{
    "RelayId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

RelayId

A unique relay identifier.

Type: String

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

Pattern: ^[a-zA-Z0-9-]+$

Required: Yes

Response Syntax

```
{
    "Authentication": { ... },
    "CreatedTimestamp": number,
    "LastModifiedTimestamp": number,
    "RelayArn": "string",
    "RelayId": "string",
    "RelayName": "string",
    "ServerName": "string",
    "ServerPort": number
}
```

Response Elements

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

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

Authentication

 The authentication attribute—contains the secret ARN where the customer relay server credentials are stored.

 Type: RelayAuthentication object

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

CreatedTimestamp

 The timestamp of when the relay was created.

 Type: Timestamp

LastModifiedTimestamp

 The timestamp of when relay was last updated.

 Type: Timestamp

RelayArn

 The Amazon Resource Name (ARN) of the relay.

 Type: String

RelayId

 The unique relay identifier.

 Type: String

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

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

RelayName

 The unique name of the relay.

Type: String

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

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

ServerName

The destination relay server address.

Type: String

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

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

ServerPort

The destination relay server port.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 65535.

Errors

For information about the errors that are common to all actions, see Common Errors.

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

GetRuleSet

Fetch attributes of a rule set.

Request Syntax

```
{
    "RuleSetId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

RuleSetId

The identifier of an existing rule set to be retrieved.

Type: String

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

Required: Yes

Response Syntax

```
{
    "CreatedDate": number,
    "LastModificationDate": number,
    "Rules": [
        {
            "Actions": [
                { ... }
            ],
            "Conditions": [
                { ... }
            ],
            "Name": "string",
            "Unless": [
```

```
                { ... }
            ]
        }
    ],
    "RuleSetArn": "string",
    "RuleSetId": "string",
    "RuleSetName": "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.

CreatedDate

The date of when then rule set was created.

Type: Timestamp

LastModificationDate

The date of when the rule set was last modified.

Type: Timestamp

Rules

The rules contained in the rule set.

Type: Array of Rule objects

Array Members: Minimum number of 0 items. Maximum number of 40 items.

RuleSetArn

The Amazon Resource Name (ARN) of the rule set resource.

Type: String

RuleSetId

The identifier of the rule set resource.

Type: String

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

RuleSetName

A user-friendly name for the rule set resource.

Type: String

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

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

Errors

For information about the errors that are common to all actions, see Common Errors.

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

GetTrafficPolicy

Fetch attributes of a traffic policy resource.

Request Syntax

```
{
    "TrafficPolicyId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

TrafficPolicyId

The identifier of the traffic policy resource.

Type: String

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

Required: Yes

Response Syntax

```
{
    "CreatedTimestamp": number,
    "DefaultAction": "string",
    "LastUpdatedTimestamp": number,
    "MaxMessageSizeBytes": number,
    "PolicyStatements": [
        {
            "Action": "string",
            "Conditions": [
                { ... }
            ]
        }
    ],
```

```
    "TrafficPolicyArn": "string",
    "TrafficPolicyId": "string",
    "TrafficPolicyName": "string"
}
```

Response Elements

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

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

CreatedTimestamp

    The timestamp of when the traffic policy was created.

    Type: Timestamp

DefaultAction

    The default action of the traffic policy.

    Type: String

    Valid Values: `ALLOW` | `DENY`

LastUpdatedTimestamp

    The timestamp of when the traffic policy was last updated.

    Type: Timestamp

MaxMessageSizeBytes

    The maximum message size in bytes of email which is allowed in by this traffic policy—anything larger will be blocked.

    Type: Integer

    Valid Range: Minimum value of 1.

PolicyStatements

    The list of conditions which are in the traffic policy resource.

    Type: Array of PolicyStatement objects

TrafficPolicyArn

The Amazon Resource Name (ARN) of the traffic policy resource.

Type: String

TrafficPolicyId

The identifier of the traffic policy resource.

Type: String

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

TrafficPolicyName

A user-friendly name for the traffic policy resource.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

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

Errors

For information about the errors that are common to all actions, see Common Errors.

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

ListAddonInstances

Lists all Add On instances in your account.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

NextToken

If you received a pagination token from a previous call to this API, you can provide it here to continue paginating through the next page of results.

Type: String

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

Required: No

PageSize

The maximum number of ingress endpoint resources that are returned per call. You can use NextToken to obtain further ingress endpoints.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

Response Syntax

```
{
```

```
        "AddonInstances": [
            {
                "AddonInstanceArn": "string",
                "AddonInstanceId": "string",
                "AddonName": "string",
                "AddonSubscriptionId": "string",
                "CreatedTimestamp": number
            }
        ],
        "NextToken": "string"
}
```

Response Elements

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

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

AddonInstances

The list of ingress endpoints.

Type: Array of AddonInstance objects

NextToken

If NextToken is returned, there are more results available. The value of NextToken is a unique pagination token for each page. Make the call again using the returned token to retrieve the next page.

Type: String

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

Errors

For information about the errors that are common to all actions, see Common Errors.

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

ListAddonSubscriptions

Lists all Add On subscriptions in your account.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

NextToken

If you received a pagination token from a previous call to this API, you can provide it here to continue paginating through the next page of results.

Type: String

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

Required: No

PageSize

The maximum number of ingress endpoint resources that are returned per call. You can use NextToken to obtain further ingress endpoints.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

Response Syntax

```
{
```

```
    "AddonSubscriptions": [
       {
          "AddonName": "string",
          "AddonSubscriptionArn": "string",
          "AddonSubscriptionId": "string",
          "CreatedTimestamp": number
       }
    ],
    "NextToken": "string"
}
```

Response Elements

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

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

AddonSubscriptions

The list of ingress endpoints.

Type: Array of AddonSubscription objects

NextToken

If NextToken is returned, there are more results available. The value of NextToken is a unique pagination token for each page. Make the call again using the returned token to retrieve the next page.

Type: String

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

Errors

For information about the errors that are common to all actions, see Common Errors.

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

ListArchiveExports

Returns a list of email archive export jobs.

Request Syntax

```
{
    "ArchiveId": "string",
    "NextToken": "string",
    "PageSize": number
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ArchiveId

The identifier of the archive.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 66.

Pattern: `^a-[\w]{1,64}$`

Required: Yes

NextToken

If NextToken is returned, there are more results available. The value of NextToken is a unique pagination token for each page. Make the call again using the returned token to retrieve the next page.

Type: String

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

Required: No

PageSize

The maximum number of archive export jobs that are returned per call. You can use NextToken to obtain further pages of archives.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

Response Syntax

```
{
   "Exports": [
      {
         "ExportId": "string",
         "Status": {
            "CompletionTimestamp": number,
            "ErrorMessage": "string",
            "State": "string",
            "SubmissionTimestamp": number
         }
      }
   ],
   "NextToken": "string"
}
```

Response Elements

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

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

Exports

The list of export job identifiers and statuses.

Type: Array of ExportSummary objects

NextToken

If present, use to retrieve the next page of results.

Type: String

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

Errors

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

AccessDeniedException

Occurs when a user is denied access to a specific resource or action.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ThrottlingException

Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

ListArchives

Returns a list of all email archives in your account.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

NextToken

If NextToken is returned, there are more results available. The value of NextToken is a unique pagination token for each page. Make the call again using the returned token to retrieve the next page.

Type: String

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

Required: No

PageSize

The maximum number of archives that are returned per call. You can use NextToken to obtain further pages of archives.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

Response Syntax

```
{
   "Archives": [
      {
         "ArchiveId": "string",
         "ArchiveName": "string",
         "ArchiveState": "string",
         "LastUpdatedTimestamp": number
      }
   ],
   "NextToken": "string"
}
```

Response Elements

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

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

Archives

The list of archive details.

Type: Array of Archive objects

NextToken

If present, use to retrieve the next page of results.

Type: String

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

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

Occurs when a user is denied access to a specific resource or action.

HTTP Status Code: 400

ThrottlingException

Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

ListArchiveSearches

Returns a list of email archive search jobs.

Request Syntax

```
{
    "ArchiveId": "string",
    "NextToken": "string",
    "PageSize": number
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ArchiveId

The identifier of the archive.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 66.

Pattern: `^a-[\w]{1,64}$`

Required: Yes

NextToken

If NextToken is returned, there are more results available. The value of NextToken is a unique pagination token for each page. Make the call again using the returned token to retrieve the next page.

Type: String

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

Required: No

PageSize

The maximum number of archive search jobs that are returned per call. You can use NextToken to obtain further pages of archives.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

Response Syntax

```
{
    "NextToken": "string",
    "Searches": [
       {
          "SearchId": "string",
          "Status": {
             "CompletionTimestamp": number,
             "ErrorMessage": "string",
             "State": "string",
             "SubmissionTimestamp": number
          }
       }
    ]
}
```

Response Elements

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

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

NextToken

If present, use to retrieve the next page of results.

Type: String

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

Searches

The list of search job identifiers and statuses.

Type: Array of SearchSummary objects

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

Occurs when a user is denied access to a specific resource or action.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ThrottlingException

Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

ListIngressPoints

List all ingress endpoint resources.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

NextToken

If you received a pagination token from a previous call to this API, you can provide it here to continue paginating through the next page of results.

Type: String

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

Required: No

PageSize

The maximum number of ingress endpoint resources that are returned per call. You can use NextToken to obtain further ingress endpoints.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

Response Syntax

```
{
```

```
    "IngressPoints": [
      {
        "ARecord": "string",
        "IngressPointId": "string",
        "IngressPointName": "string",
        "Status": "string",
        "Type": "string"
      }
    ],
    "NextToken": "string"
 }
```

Response Elements

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

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

IngressPoints

   The list of ingress endpoints.

   Type: Array of IngressPoint objects

NextToken

   If NextToken is returned, there are more results available. The value of NextToken is a unique
   pagination token for each page. Make the call again using the returned token to retrieve the
   next page.

   Type: String

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

Errors

For information about the errors that are common to all actions, see Common Errors.

ValidationException

   The request validation has failed. For details, see the accompanying error message.

   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](#)

ListRelays

Lists all the existing relay resources.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

NextToken

If you received a pagination token from a previous call to this API, you can provide it here to continue paginating through the next page of results.

Type: String

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

Required: No

PageSize

The number of relays to be returned in one request.

Type: Integer

Required: No

Response Syntax

```
{
```

```
      "NextToken": "string",
      "Relays": [
         {
            "LastModifiedTimestamp": number,
            "RelayId": "string",
            "RelayName": "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

If NextToken is returned, there are more results available. The value of NextToken is a unique pagination token for each page. Make the call again using the returned token to retrieve the next page.

Type: String

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

Relays

The list of returned relays.

Type: Array of Relay objects

Errors

For information about the errors that are common to all actions, see Common Errors.

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

ListRuleSets

List rule sets for this account.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

NextToken

If you received a pagination token from a previous call to this API, you can provide it here to continue paginating through the next page of results.

Type: String

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

Required: No

PageSize

The maximum number of rule set resources that are returned per call. You can use NextToken to obtain further rule sets.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

Response Syntax

```
{
```

```
    "NextToken": "string",
    "RuleSets": [
      {
        "LastModificationDate": number,
        "RuleSetId": "string",
        "RuleSetName": "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

If NextToken is returned, there are more results available. The value of NextToken is a unique pagination token for each page. Make the call again using the returned token to retrieve the next page.

Type: String

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

RuleSets

The list of rule sets.

Type: Array of RuleSet objects

Errors

For information about the errors that are common to all actions, see Common Errors.

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

ListTagsForResource

Retrieves the list of tags (keys and values) assigned to the resource.

Request Syntax

```
{
    "ResourceArn": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ResourceArn

The Amazon Resource Name (ARN) of the resource to retrieve tags from.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 1011.

Pattern: `^arn:aws(|-cn|-us-gov):ses:[a-z0-9-]{1,20}:[0-9]{12}:(mailmanager-|addon-).+$`

Required: Yes

Response Syntax

```
{
   "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

The tags used to organize, track, or control access for the resource. For example, { "tags": {"key1":"value1", "key2":"value2"} }.

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.

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

ListTrafficPolicies

List traffic policy resources.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

NextToken

If you received a pagination token from a previous call to this API, you can provide it here to continue paginating through the next page of results.

Type: String

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

Required: No

PageSize

The maximum number of traffic policy resources that are returned per call. You can use NextToken to obtain further traffic policies.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

Response Syntax

```
{
```

```
    "NextToken": "string",
    "TrafficPolicies": [
      {
         "DefaultAction": "string",
         "TrafficPolicyId": "string",
         "TrafficPolicyName": "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

If NextToken is returned, there are more results available. The value of NextToken is a unique pagination token for each page. Make the call again using the returned token to retrieve the next page.

Type: String

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

TrafficPolicies

The list of traffic policies.

Type: Array of TrafficPolicy objects

Errors

For information about the errors that are common to all actions, see Common Errors.

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

StartArchiveExport

Initiates an export of emails from the specified archive.

Request Syntax

```
{
   "ArchiveId": "string",
   "ExportDestinationConfiguration": { ... },
   "Filters": {
      "Include": [
         { ... }
      ],
      "Unless": [
         { ... }
      ]
   },
   "FromTimestamp": number,
   "MaxResults": number,
   "ToTimestamp": number
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ArchiveId

The identifier of the archive to export emails from.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 66.

Pattern: `^a-[\w]{1,64}$`

Required: Yes

ExportDestinationConfiguration

Details on where to deliver the exported email data.

Type: [ExportDestinationConfiguration](#) object

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

Required: Yes

Filters

Criteria to filter which emails are included in the export.

Type: [ArchiveFilters](#) object

Required: No

FromTimestamp

The start of the timestamp range to include emails from.

Type: Timestamp

Required: Yes

MaxResults

The maximum number of email items to include in the export.

Type: Integer

Required: No

ToTimestamp

The end of the timestamp range to include emails from.

Type: Timestamp

Required: Yes

Response Syntax

```
{
    "ExportId": "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.

ExportId

The unique identifier for the initiated export job.

Type: String

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

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

Occurs when a user is denied access to a specific resource or action.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ServiceQuotaExceededException

Occurs when an operation exceeds a predefined service quota or limit.

HTTP Status Code: 400

ThrottlingException

Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

StartArchiveSearch

Initiates a search across emails in the specified archive.

Request Syntax

```
{
   "ArchiveId": "string",
   "Filters": {
      "Include": [
         { ... }
      ],
      "Unless": [
         { ... }
      ]
   },
   "FromTimestamp": number,
   "MaxResults": number,
   "ToTimestamp": number
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ArchiveId

The identifier of the archive to search emails in.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 66.

Pattern: ^a-[\w]{1,64}$

Required: Yes

Filters

Criteria to filter which emails are included in the search results.

Type: ArchiveFilters object

Required: No

FromTimestamp

The start timestamp of the range to search emails from.

Type: Timestamp

Required: Yes

MaxResults

The maximum number of search results to return.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 1000.

Required: Yes

ToTimestamp

The end timestamp of the range to search emails from.

Type: Timestamp

Required: Yes

Response Syntax

```
{
    "SearchId": "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.

SearchId

The unique identifier for the initiated search job.

Type: String

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

Errors

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

AccessDeniedException

Occurs when a user is denied access to a specific resource or action.

HTTP Status Code: 400

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ServiceQuotaExceededException

Occurs when an operation exceeds a predefined service quota or limit.

HTTP Status Code: 400

ThrottlingException

Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

StopArchiveExport

Stops an in-progress export of emails from an archive.

Request Syntax

```
{
    "ExportId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ExportId

The identifier of the export job to stop.

Type: String

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

Required: Yes

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

Occurs when a user is denied access to a specific resource or action.

HTTP Status Code: 400

ThrottlingException

Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

StopArchiveSearch

Stops an in-progress archive search job.

Request Syntax

```
{
    "SearchId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

SearchId

The identifier of the search job to stop.

Type: String

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

Required: Yes

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

Occurs when a user is denied access to a specific resource or action.

HTTP Status Code: 400

ThrottlingException

Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

TagResource

Adds one or more tags (keys and values) to a specified resource.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ResourceArn

The Amazon Resource Name (ARN) of the resource that you want to tag.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 1011.

Pattern: `^arn:aws(|-cn|-us-gov):ses:[a-z0-9-]{1,20}:[0-9]{12}:(mailmanager-|addon-).+$`

Required: Yes

Tags

The tags used to organize, track, or control access for the resource. For example, { "tags": {"key1":"value1", "key2":"value2"} }.

Type: Array of Tag objects

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

Required: Yes

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors.

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ServiceQuotaExceededException

Occurs when an operation exceeds a predefined service quota or limit.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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

Remove one or more tags (keys and values) from a specified resource.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ResourceArn

The Amazon Resource Name (ARN) of the resource that you want to untag.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 1011.

Pattern: `^arn:aws(|-cn|-us-gov):ses:[a-z0-9-]{1,20}:[0-9]{12}:(mailmanager-|addon-).+$`

Required: Yes

TagKeys

The keys of the key-value pairs for the tag or tags you want to remove from the specified resource.

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.

Pattern: `^[a-zA-Z0-9/_\+=\.:@\-]+$`

Required: Yes

Response Elements

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

Errors

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

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

UpdateArchive

Updates the attributes of an existing email archive.

Request Syntax

```
{
    "ArchiveId": "string",
    "ArchiveName": "string",
    "Retention": { ... }
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ArchiveId

The identifier of the archive to update.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 66.

Required: Yes

ArchiveName

A new, unique name for the archive.

Type: String

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

Pattern: ^[a-zA-Z0-9][a-zA-Z0-9_-]*[a-zA-Z0-9]$

Required: No

Retention

A new retention period for emails in the archive.

Type: ArchiveRetention object

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

Required: No

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

Occurs when a user is denied access to a specific resource or action.

HTTP Status Code: 400

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ServiceQuotaExceededException

Occurs when an operation exceeds a predefined service quota or limit.

HTTP Status Code: 400

ThrottlingException

Occurs when a service's request rate limit is exceeded, resulting in throttling of further requests.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

UpdateIngressPoint

Update attributes of a provisioned ingress endpoint resource.

Request Syntax

```
{
    "IngressPointConfiguration": { ... },
    "IngressPointId": "string",
    "IngressPointName": "string",
    "RuleSetId": "string",
    "StatusToUpdate": "string",
    "TrafficPolicyId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

IngressPointConfiguration

If you choose an Authenticated ingress endpoint, you must configure either an SMTP password or a secret ARN.

Type: IngressPointConfiguration object

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

Required: No

IngressPointId

The identifier for the ingress endpoint you want to update.

Type: String

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

Required: Yes

IngressPointName

A user friendly name for the ingress endpoint resource.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

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

Required: No

RuleSetId

The identifier of an existing rule set that you attach to an ingress endpoint resource.

Type: String

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

Required: No

StatusToUpdate

The update status of an ingress endpoint.

Type: String

Valid Values: `ACTIVE | CLOSED`

Required: No

TrafficPolicyId

The identifier of an existing traffic policy that you attach to an ingress endpoint resource.

Type: String

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

Required: No

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](#).

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

UpdateRelay

Updates the attributes of an existing relay resource.

Request Syntax

```
{
    "Authentication": { ... },
    "RelayId": "string",
    "RelayName": "string",
    "ServerName": "string",
    "ServerPort": number
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Authentication

Authentication for the relay destination server—specify the secretARN where the SMTP credentials are stored.

Type: RelayAuthentication object

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

Required: No

RelayId

The unique relay identifier.

Type: String

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

Pattern: ^[a-zA-Z0-9-]+$

Required: Yes

RelayName

The name of the relay resource.

Type: String

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

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

Required: No

ServerName

The destination relay server address.

Type: String

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

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

Required: No

ServerPort

The destination relay server port.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 65535.

Required: No

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](#).

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

UpdateRuleSet

Update attributes of an already provisioned rule set.

Request Syntax

```
{
   "Rules": [
      {
         "Actions": [
            { ... }
         ],
         "Conditions": [
            { ... }
         ],
         "Name": "string",
         "Unless": [
            { ... }
         ]
      }
   ],
   "RuleSetId": "string",
   "RuleSetName": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Rules

A new set of rules to replace the current rules of the rule set—these rules will override all the rules of the rule set.

Type: Array of Rule objects

Array Members: Minimum number of 0 items. Maximum number of 40 items.

Required: No

RuleSetId

The identifier of a rule set you want to update.

Type: String

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

Required: Yes

RuleSetName

A user-friendly name for the rule set resource.

Type: String

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

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

Required: No

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.

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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](#)

UpdateTrafficPolicy

Update attributes of an already provisioned traffic policy resource.

Request Syntax

```
{
   "DefaultAction": "string",
   "MaxMessageSizeBytes": number,
   "PolicyStatements": [
      {
         "Action": "string",
         "Conditions": [
            { ... }
         ]
      }
   ],
   "TrafficPolicyId": "string",
   "TrafficPolicyName": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

DefaultAction

Default action instructs the traffic policy to either Allow or Deny (block) messages that fall outside of (or not addressed by) the conditions of your policy statements

Type: String

Valid Values: ALLOW | DENY

Required: No

MaxMessageSizeBytes

The maximum message size in bytes of email which is allowed in by this traffic policy—anything larger will be blocked.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

PolicyStatements

The list of conditions to be updated for filtering email traffic.

Type: Array of PolicyStatement objects

Required: No

TrafficPolicyId

The identifier of the traffic policy that you want to update.

Type: String

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

Required: Yes

TrafficPolicyName

A user-friendly name for the traffic policy resource.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

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

Required: No

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.

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

HTTP Status Code: 400

ResourceNotFoundException

Occurs when a requested resource is not found.

HTTP Status Code: 400

ValidationException

The request validation has failed. For details, see the accompanying error message.

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 MailManager 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:

- AddHeaderAction
- AddonInstance
- AddonSubscription
- Analysis
- Archive
- ArchiveAction
- ArchiveBooleanExpression
- ArchiveBooleanToEvaluate
- ArchiveFilterCondition
- ArchiveFilters
- ArchiveRetention
- ArchiveStringExpression
- ArchiveStringToEvaluate
- DeliverToMailboxAction
- DropAction
- ExportDestinationConfiguration
- ExportStatus
- ExportSummary
- IngressAnalysis
- IngressBooleanExpression

- IngressBooleanToEvaluate

- IngressIpToEvaluate

- IngressIpv4Expression

- IngressPoint

- IngressPointAuthConfiguration

- IngressPointConfiguration

- IngressPointPasswordConfiguration

- IngressStringExpression

- IngressStringToEvaluate

- IngressTlsProtocolExpression

- IngressTlsProtocolToEvaluate

- MessageBody

- NoAuthentication

- PolicyCondition

- PolicyStatement

- Relay

- RelayAction

- RelayAuthentication

- ReplaceRecipientAction

- Row

- Rule

- RuleAction

- RuleBooleanExpression

- RuleBooleanToEvaluate

- RuleCondition

- RuleDmarcExpression

- RuleIpExpression

- RuleIpToEvaluate

- RuleNumberExpression

- RuleNumberToEvaluate

- [RuleSet](#)

- [RuleStringExpression](#)

- [RuleStringToEvaluate](#)

- [RuleVerdictExpression](#)

- [RuleVerdictToEvaluate](#)

- [S3Action](#)

- [S3ExportDestinationConfiguration](#)

- [SearchStatus](#)

- [SearchSummary](#)

- [SendAction](#)

- [Tag](#)

- [TrafficPolicy](#)

AddHeaderAction

The action to add a header to a message. When executed, this action will add the given header to the message.

Contents

HeaderName

The name of the header to add to an email. The header must be prefixed with "X-". Headers are added regardless of whether the header name pre-existed in the email.

Type: String

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

Pattern: `^[xX]\-[a-zA-Z0-9\-]+$`

Required: Yes

HeaderValue

The value of the header to add to the email.

Type: String

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

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](#)

AddonInstance

An Add On instance represents a specific configuration of an Add On.

Contents

AddonInstanceArn

The Amazon Resource Name (ARN) of the Add On instance.

Type: String

Required: No

AddonInstanceId

The unique ID of the Add On instance.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 67.

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

Required: No

AddonName

The name of the Add On for the instance.

Type: String

Required: No

AddonSubscriptionId

The subscription ID for the instance.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 67.

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

Required: No

CreatedTimestamp

The timestamp of when the Add On instance was created.

Type: Timestamp

Required: No

See Also

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

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

AddonSubscription

A subscription for an Add On representing the acceptance of its terms of use and additional pricing.

Contents

AddonName

The name of the Add On.

Type: String

Required: No

AddonSubscriptionArn

The Amazon Resource Name (ARN) of the Add On subscription.

Type: String

Required: No

AddonSubscriptionId

The unique ID of the Add On subscription.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 67.

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

Required: No

CreatedTimestamp

The timestamp of when the Add On subscription was created.

Type: Timestamp

Required: No

See Also

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

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

Analysis

The result of an analysis can be used in conditions to trigger actions. Analyses can inspect the email content and report a certain aspect of the email.

Contents

Analyzer

The Amazon Resource Name (ARN) of an Add On.

Type: String

Pattern: `^[a-zA-Z0-9:_/+=,@.#-]+$`

Required: Yes

ResultField

The returned value from an Add On.

Type: String

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

Pattern: `^[\sa-zA-Z0-9_]+$`

Required: Yes

See Also

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

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

Archive

An archive resource for storing and retaining emails.

Contents

ArchiveId

The unique identifier of the archive.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 66.

Required: Yes

ArchiveName

The unique name assigned to the archive.

Type: String

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

Pattern: `^[a-zA-Z0-9][a-zA-Z0-9_-]*[a-zA-Z0-9]$`

Required: No

ArchiveState

The current state of the archive:

- `ACTIVE` – The archive is ready and available for use.
- `PENDING_DELETION` – The archive has been marked for deletion and will be permanently deleted in 30 days. No further modifications can be made in this state.

Type: String

Valid Values: `ACTIVE | PENDING_DELETION`

Required: No

LastUpdatedTimestamp

The timestamp of when the archive was last updated.

Type: Timestamp

Required: No

See Also

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

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

ArchiveAction

The action to archive the email by delivering the email to an Amazon SES archive.

Contents

TargetArchive

The identifier of the archive to send the email to.

Type: String

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

Pattern: `^[a-zA-Z0-9:_/+=,@.#-]+$`

Required: Yes

ActionFailurePolicy

A policy that states what to do in the case of failure. The action will fail if there are configuration errors. For example, the specified archive has been deleted.

Type: String

Valid Values: `CONTINUE | DROP`

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](#)

ArchiveBooleanExpression

A boolean expression to evaluate email attribute values.

Contents

Evaluate

The email attribute value to evaluate.

Type: [ArchiveBooleanToEvaluate](#) object

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

Required: Yes

Operator

The boolean operator to use for evaluation.

Type: String

Valid Values: `IS_TRUE | IS_FALSE`

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](#)

ArchiveBooleanToEvaluate

The attribute to evaluate in a boolean expression.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

Attribute

The name of the email attribute to evaluate.

Type: String

Valid Values: HAS_ATTACHMENTS

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](#)

ArchiveFilterCondition

A filter condition used to include or exclude emails when exporting from or searching an archive.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

BooleanExpression

A boolean expression to evaluate against email attributes.

Type: [ArchiveBooleanExpression](#) object

Required: No

StringExpression

A string expression to evaluate against email attributes.

Type: [ArchiveStringExpression](#) object

Required: No

See Also

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

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

ArchiveFilters

A set of filter conditions to include and/or exclude emails.

Contents

Include

The filter conditions for emails to include.

Type: Array of [ArchiveFilterCondition](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

Unless

The filter conditions for emails to exclude.

Type: Array of [ArchiveFilterCondition](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

See Also

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

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

ArchiveRetention

The retention policy for an email archive that specifies how long emails are kept before being automatically deleted.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

RetentionPeriod

The enum value sets the period for retaining emails in an archive.

Type: String

Valid Values: THREE_MONTHS | SIX_MONTHS | NINE_MONTHS | ONE_YEAR | EIGHTEEN_MONTHS | TWO_YEARS | THIRTY_MONTHS | THREE_YEARS | FOUR_YEARS | FIVE_YEARS | SIX_YEARS | SEVEN_YEARS | EIGHT_YEARS | NINE_YEARS | TEN_YEARS | PERMANENT

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](#)

ArchiveStringExpression

A string expression to evaluate an email attribute value against one or more string values.

Contents

Evaluate

The attribute of the email to evaluate.

Type: [ArchiveStringToEvaluate](#) object

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

Required: Yes

Operator

The operator to use when evaluating the string values.

Type: String

Valid Values: CONTAINS

Required: Yes

Values

The list of string values to evaluate the email attribute against.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

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](#)

ArchiveStringToEvaluate

Specifies the email attribute to evaluate in a string expression.

Contents

> ⚠ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

Attribute

The name of the email attribute to evaluate.

Type: String

Valid Values: `TO` | `FROM` | `CC` | `SUBJECT`

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](#)

DeliverToMailboxAction

This action to delivers an email to a mailbox.

Contents

MailboxArn

The Amazon Resource Name (ARN) of a WorkMail organization to deliver the email to.

Type: String

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

Pattern: `^[a-zA-Z0-9:_/+=,@.#-]+$`

Required: Yes

RoleArn

The Amazon Resource Name (ARN) of an IAM role to use to execute this action. The role must have access to the workmail:DeliverToMailbox API.

Type: String

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

Pattern: `^[a-zA-Z0-9:_/+=,@.#-]+$`

Required: Yes

ActionFailurePolicy

A policy that states what to do in the case of failure. The action will fail if there are configuration errors. For example, the mailbox ARN is no longer valid.

Type: String

Valid Values: `CONTINUE | DROP`

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](#)

DropAction

This action causes processing to stop and the email to be dropped. If the action applies only to certain recipients, only those recipients are dropped, and processing continues for other recipients.

Contents

The members of this exception structure are context-dependent.

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ExportDestinationConfiguration

The destination configuration for delivering exported email data.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

S3

Configuration for delivering to an Amazon S3 bucket.

Type: S3ExportDestinationConfiguration object

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ExportStatus

The current status of an archive export job.

Contents

CompletionTimestamp

The timestamp of when the export job completed (if finished).

Type: Timestamp

Required: No

ErrorMessage

An error message if the export job failed.

Type: String

Required: No

State

The current state of the export job.

Type: String

Valid Values: `QUEUED` | `PREPROCESSING` | `PROCESSING` | `COMPLETED` | `FAILED` | `CANCELLED`

Required: No

SubmissionTimestamp

The timestamp of when the export job was submitted.

Type: Timestamp

Required: No

See Also

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

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

ExportSummary

Summary statuses of an archive export job.

Contents

ExportId

The unique identifier of the export job.

Type: String

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

Required: No

Status

The current status of the export job.

Type: ExportStatus object

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

IngressAnalysis

The Add On ARN and its returned value that is evaluated in a policy statement's conditional expression to either deny or block the incoming email.

Contents

Analyzer

The Amazon Resource Name (ARN) of an Add On.

Type: String

Pattern: `^[a-zA-Z0-9:_/+=,@.#-]+$`

Required: Yes

ResultField

The returned value from an Add On.

Type: String

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

Pattern: `^[\sa-zA-Z0-9_]+$`

Required: Yes

See Also

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

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

IngressBooleanExpression

The structure for a boolean condition matching on the incoming mail.

Contents

Evaluate

The operand on which to perform a boolean condition operation.

Type: IngressBooleanToEvaluate object

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

Required: Yes

Operator

The matching operator for a boolean condition expression.

Type: String

Valid Values: `IS_TRUE | IS_FALSE`

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 C++)
- AWS SDK for Java V2
- AWS SDK for Ruby V3

IngressBooleanToEvaluate

The union type representing the allowed types of operands for a boolean condition.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

Analysis

The structure type for a boolean condition stating the Add On ARN and its returned value.

Type: IngressAnalysis object

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

IngressIpToEvaluate

The structure for an IP based condition matching on the incoming mail.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

Attribute

An enum type representing the allowed attribute types for an IP condition.

Type: String

Valid Values: SENDER_IP

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](#)

IngressIpv4Expression

The union type representing the allowed types for the left hand side of an IP condition.

Contents

Evaluate

The left hand side argument of an IP condition expression.

Type: IngressIpToEvaluate object

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

Required: Yes

Operator

The matching operator for an IP condition expression.

Type: String

Valid Values: `CIDR_MATCHES | NOT_CIDR_MATCHES`

Required: Yes

Values

The right hand side argument of an IP condition expression.

Type: Array of strings

Pattern: `^((25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)/([0-9]|[12][0-9]|3[0-2])$`

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](#)

- [AWS SDK for Ruby V3](#)

IngressPoint

The structure of an ingress endpoint resource.

Contents

IngressPointId

The identifier of the ingress endpoint resource.

Type: String

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

Required: Yes

IngressPointName

A user friendly name for the ingress endpoint resource.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

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

Required: Yes

Status

The status of the ingress endpoint resource.

Type: String

Valid Values: `PROVISIONING` | `DEPROVISIONING` | `UPDATING` | `ACTIVE` | `CLOSED` | `FAILED`

Required: Yes

Type

The type of ingress endpoint resource.

Type: String

Valid Values: OPEN | AUTH

Required: Yes

ARecord

The DNS A Record that identifies your ingress endpoint. Configure your DNS Mail Exchange (MX) record with this value to route emails to Mail Manager.

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](#)

IngressPointAuthConfiguration

The authentication configuration for the ingress endpoint resource.

Contents

IngressPointPasswordConfiguration

The ingress endpoint password configuration for the ingress endpoint resource.

Type: [IngressPointPasswordConfiguration](#) object

Required: No

SecretArn

The ingress endpoint SecretsManager::Secret ARN configuration for the ingress endpoint resource.

Type: String

Pattern: `^arn:(aws|aws-cn|aws-us-gov):secretsmanager:[a-z0-9-]+:\d{12}:secret:[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](#)

IngressPointConfiguration

The configuration of the ingress endpoint resource.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

SecretArn

The SecretsManager::Secret ARN of the ingress endpoint resource.

Type: String

Pattern: `^arn:(aws|aws-cn|aws-us-gov):secretsmanager:[a-z0-9-]+:\d{12}:secret:[a-zA-Z0-9/_+=,.@-]+$`

Required: No

SmtpPassword

The password of the ingress endpoint resource.

Type: String

Length Constraints: Minimum length of 8. Maximum length of 64.

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](#)

- [AWS SDK for Ruby V3](#)

IngressPointPasswordConfiguration

The password configuration of the ingress endpoint resource.

Contents

PreviousSmtpPasswordExpiryTimestamp

The previous password expiry timestamp of the ingress endpoint resource.

Type: Timestamp

Required: No

PreviousSmtpPasswordVersion

The previous password version of the ingress endpoint resource.

Type: String

Required: No

SmtpPasswordVersion

The current password expiry timestamp of the ingress endpoint resource.

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

IngressStringExpression

The structure for a string based condition matching on the incoming mail.

Contents

Evaluate

The left hand side argument of a string condition expression.

Type: IngressStringToEvaluate object

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

Required: Yes

Operator

The matching operator for a string condition expression.

Type: String

Valid Values: `EQUALS | NOT_EQUALS | STARTS_WITH | ENDS_WITH | CONTAINS`

Required: Yes

Values

The right hand side argument of a string condition expression.

Type: Array of strings

Required: Yes

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

IngressStringToEvaluate

The union type representing the allowed types for the left hand side of a string condition.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

Attribute

The enum type representing the allowed attribute types for a string condition.

Type: String

Valid Values: RECIPIENT

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](#)

IngressTlsProtocolExpression

The structure for a TLS related condition matching on the incoming mail.

Contents

Evaluate

The left hand side argument of a TLS condition expression.

Type: IngressTlsProtocolToEvaluate object

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

Required: Yes

Operator

The matching operator for a TLS condition expression.

Type: String

Valid Values: MINIMUM_TLS_VERSION | IS

Required: Yes

Value

The right hand side argument of a TLS condition expression.

Type: String

Valid Values: TLS1_2 | TLS1_3

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](#)

IngressTlsProtocolToEvaluate

The union type representing the allowed types for the left hand side of a TLS condition.

Contents

> ⚠ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

Attribute

The enum type representing the allowed attribute types for the TLS condition.

Type: String

Valid Values: `TLS_PROTOCOL`

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](#)

MessageBody

The textual body content of an email message.

Contents

Html

The HTML body content of the message.

Type: String

Required: No

MessageMalformed

A flag indicating if the email was malformed.

Type: Boolean

Required: No

Text

The plain text body content of the message.

Type: String

Required: No

See Also

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

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

NoAuthentication

Explicitly indicate that the relay destination server does not require SMTP credential authentication.

Contents

The members of this exception structure are context-dependent.

See Also

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

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

PolicyCondition

The email traffic filtering conditions which are contained in a traffic policy resource.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

BooleanExpression

This represents a boolean type condition matching on the incoming mail. It performs the boolean operation configured in 'Operator' and evaluates the 'Protocol' object against the 'Value'.

Type: IngressBooleanExpression object

Required: No

IpExpression

This represents an IP based condition matching on the incoming mail. It performs the operation configured in 'Operator' and evaluates the 'Protocol' object against the 'Value'.

Type: IngressIpv4Expression object

Required: No

StringExpression

This represents a string based condition matching on the incoming mail. It performs the string operation configured in 'Operator' and evaluates the 'Protocol' object against the 'Value'.

Type: IngressStringExpression object

Required: No

TlsExpression

This represents a TLS based condition matching on the incoming mail. It performs the operation configured in 'Operator' and evaluates the 'Protocol' object against the 'Value'.

Type: [IngressTlsProtocolExpression](#) object

Required: No

See Also

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

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

PolicyStatement

The structure containing traffic policy conditions and actions.

Contents

Action

The action that informs a traffic policy resource to either allow or block the email if it matches a condition in the policy statement.

Type: String

Valid Values: ALLOW | DENY

Required: Yes

Conditions

The list of conditions to apply to incoming messages for filtering email traffic.

Type: Array of PolicyCondition objects

Array Members: Minimum number of 1 item.

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

Relay

The relay resource that can be used as a rule to relay receiving emails to the destination relay server.

Contents

LastModifiedTimestamp

The timestamp of when the relay was last modified.

Type: Timestamp

Required: No

RelayId

The unique relay identifier.

Type: String

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

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

Required: No

RelayName

The unique relay name.

Type: String

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

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

RelayAction

The action relays the email via SMTP to another specific SMTP server.

Contents

Relay

The identifier of the relay resource to be used when relaying an email.

Type: String

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

Pattern: `^[a-zA-Z0-9:_/+=,@.#-]+$`

Required: Yes

ActionFailurePolicy

A policy that states what to do in the case of failure. The action will fail if there are configuration errors. For example, the specified relay has been deleted.

Type: String

Valid Values: `CONTINUE | DROP`

Required: No

MailFrom

This action specifies whether to preserve or replace original mail from address while relaying received emails to a destination server.

Type: String

Valid Values: `REPLACE | PRESERVE`

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](#)

RelayAuthentication

Authentication for the relay destination server—specify the secretARN where the SMTP credentials are stored, or specify an empty NoAuthentication structure if the relay destination server does not require SMTP credential authentication.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

NoAuthentication

Keep an empty structure if the relay destination server does not require SMTP credential authentication.

Type: [NoAuthentication](#) object

Required: No

SecretArn

The ARN of the secret created in secrets manager where the relay server's SMTP credentials are stored.

Type: String

Pattern: `^arn:(aws|aws-cn|aws-us-gov):secretsmanager:[a-z0-9-]+:\d{12}:secret:[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](#)

ReplaceRecipientAction

This action replaces the email envelope recipients with the given list of recipients. If the condition of this action applies only to a subset of recipients, only those recipients are replaced with the recipients specified in the action. The message contents and headers are unaffected by this action, only the envelope recipients are updated.

Contents

ReplaceWith

This action specifies the replacement recipient email addresses to insert.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 100 items.

Length Constraints: Minimum length of 0. Maximum length of 254.

Pattern: `^[0-9A-Za-z@+.-]+$`

Required: No

See Also

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

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

Row

A result row containing metadata for an archived email message.

Contents

ArchivedMessageId

The unique identifier of the archived message.

Type: String

Required: No

Cc

The email addresses in the CC header.

Type: String

Required: No

Date

The date the email was sent.

Type: String

Required: No

From

The email address of the sender.

Type: String

Required: No

HasAttachments

A flag indicating if the email has attachments.

Type: Boolean

Required: No

InReplyTo

The email message ID this is a reply to.

Type: String

Required: No

MessageId

The unique message ID of the email.

Type: String

Required: No

ReceivedHeaders

The received headers from the email delivery path.

Type: Array of strings

Required: No

ReceivedTimestamp

The timestamp of when the email was received.

Type: Timestamp

Required: No

Subject

The subject header value of the email.

Type: String

Required: No

To

The email addresses in the To header.

Type: String

Required: No

XMailer

The user agent that sent the email.

Type: String

Required: No

XOriginalMailer

The original user agent that sent the email.

Type: String

Required: No

XPriority

The priority level of the email.

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](#)

Rule

A rule contains conditions, "unless conditions" and actions. For each envelope recipient of an email, if all conditions match and none of the "unless conditions" match, then all of the actions are executed sequentially. If no conditions are provided, the rule always applies and the actions are implicitly executed. If only "unless conditions" are provided, the rule applies if the email does not match the evaluation of the "unless conditions".

Contents

Actions

The list of actions to execute when the conditions match the incoming email, and none of the "unless conditions" match.

Type: Array of RuleAction objects

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Required: Yes

Conditions

The conditions of this rule. All conditions must match the email for the actions to be executed. An empty list of conditions means that all emails match, but are still subject to any "unless conditions"

Type: Array of RuleCondition objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

Name

The user-friendly name of the rule.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

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

Required: No

Unless

The "unless conditions" of this rule. None of the conditions can match the email for the actions to be executed. If any of these conditions do match the email, then the actions are not executed.

Type: Array of [RuleCondition](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

See Also

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

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

RuleAction

The action for a rule to take. Only one of the contained actions can be set.

Contents

> ⚠ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

AddHeader

This action adds a header. This can be used to add arbitrary email headers.

Type: AddHeaderAction object

Required: No

Archive

This action archives the email. This can be used to deliver an email to an archive.

Type: ArchiveAction object

Required: No

DeliverToMailbox

This action delivers an email to a WorkMail mailbox.

Type: DeliverToMailboxAction object

Required: No

Drop

This action terminates the evaluation of rules in the rule set.

Type: DropAction object

Required: No

Relay

This action relays the email to another SMTP server.

Type: [RelayAction](#) object

Required: No

ReplaceRecipient

The action replaces certain or all recipients with a different set of recipients.

Type: [ReplaceRecipientAction](#) object

Required: No

Send

This action sends the email to the internet.

Type: [SendAction](#) object

Required: No

WriteToS3

This action writes the MIME content of the email to an S3 bucket.

Type: [S3Action](#) object

Required: No

See Also

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

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

RuleBooleanExpression

A boolean expression to be used in a rule condition.

Contents

Evaluate

The operand on which to perform a boolean condition operation.

Type: [RuleBooleanToEvaluate](#) object

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

Required: Yes

Operator

The matching operator for a boolean condition expression.

Type: String

Valid Values: IS_TRUE | IS_FALSE

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](#)

RuleBooleanToEvaluate

The union type representing the allowed types of operands for a boolean condition.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

Attribute

The boolean type representing the allowed attribute types for an email.

Type: String

Valid Values: `READ_RECEIPT_REQUESTED | TLS | TLS_WRAPPED`

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](#)

RuleCondition

The conditional expression used to evaluate an email for determining if a rule action should be taken.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

BooleanExpression

The condition applies to a boolean expression passed in this field.

Type: RuleBooleanExpression object

Required: No

DmarcExpression

The condition applies to a DMARC policy expression passed in this field.

Type: RuleDmarcExpression object

Required: No

IpExpression

The condition applies to an IP address expression passed in this field.

Type: RuleIpExpression object

Required: No

NumberExpression

The condition applies to a number expression passed in this field.

Type: RuleNumberExpression object

Required: No

StringExpression

The condition applies to a string expression passed in this field.

Type: [RuleStringExpression](#) object

Required: No

VerdictExpression

The condition applies to a verdict expression passed in this field.

Type: [RuleVerdictExpression](#) object

Required: No

See Also

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

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

RuleDmarcExpression

A DMARC policy expression. The condition matches if the given DMARC policy matches that of the incoming email.

Contents

Operator

The operator to apply to the DMARC policy of the incoming email.

Type: String

Valid Values: `EQUALS | NOT_EQUALS`

Required: Yes

Values

The values to use for the given DMARC policy operator. For the operator EQUALS, if multiple values are given, they are evaluated as an OR. That is, if any of the given values match, the condition is deemed to match. For the operator NOT_EQUALS, if multiple values are given, they are evaluated as an AND. That is, only if the email's DMARC policy is not equal to any of the given values, then the condition is deemed to match.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Valid Values: `NONE | QUARANTINE | REJECT`

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](#)

RuleIpExpression

An IP address expression matching certain IP addresses within a given range of IP addresses.

Contents

Evaluate

The IP address to evaluate in this condition.

Type: [RuleIpToEvaluate](#) object

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

Required: Yes

Operator

The operator to evaluate the IP address.

Type: String

Valid Values: `CIDR_MATCHES | NOT_CIDR_MATCHES`

Required: Yes

Values

The IP CIDR blocks in format "x.y.z.w/n" (eg 10.0.0.0/8) to match with the email's IP address. For the operator CIDR_MATCHES, if multiple values are given, they are evaluated as an OR. That is, if the IP address is contained within any of the given CIDR ranges, the condition is deemed to match. For NOT_CIDR_MATCHES, if multiple CIDR ranges are given, the condition is deemed to match if the IP address is not contained in any of the given CIDR ranges.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 18.

Pattern: `^(([0-9]|.|/)*)$`

Required: Yes

See Also

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

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

RuleIpToEvaluate

The IP address to evaluate for this condition.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

Attribute

The attribute of the email to evaluate.

Type: String

Valid Values: SOURCE_IP

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](#)

RuleNumberExpression

A number expression to match numeric conditions with integers from the incoming email.

Contents

Evaluate

The number to evaluate in a numeric condition expression.

Type: RuleNumberToEvaluate object

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

Required: Yes

Operator

The operator for a numeric condition expression.

Type: String

Valid Values: EQUALS | NOT_EQUALS | LESS_THAN | GREATER_THAN | LESS_THAN_OR_EQUAL | GREATER_THAN_OR_EQUAL

Required: Yes

Value

The value to evaluate in a numeric condition expression.

Type: Double

Required: Yes

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2

- [AWS SDK for Ruby V3](#)

RuleNumberToEvaluate

The number to evaluate in a numeric condition expression.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

Attribute

An email attribute that is used as the number to evaluate.

Type: String

Valid Values: MESSAGE_SIZE

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](#)

RuleSet

A rule set contains a list of rules that are evaluated in order. Each rule is evaluated sequentially for each email.

Contents

LastModificationDate

The last modification date of the rule set.

Type: Timestamp

Required: No

RuleSetId

The identifier of the rule set.

Type: String

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

Required: No

RuleSetName

A user-friendly name for the rule set.

Type: String

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

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](#)

- [AWS SDK for Ruby V3](#)

RuleStringExpression

A string expression is evaluated against strings or substrings of the email.

Contents

Evaluate

The string to evaluate in a string condition expression.

Type: RuleStringToEvaluate object

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

Required: Yes

Operator

The matching operator for a string condition expression.

Type: String

Valid Values: `EQUALS | NOT_EQUALS | STARTS_WITH | ENDS_WITH | CONTAINS`

Required: Yes

Values

The string(s) to be evaluated in a string condition expression. For all operators, except for NOT_EQUALS, if multiple values are given, the values are processed as an OR. That is, if any of the values match the email's string using the given operator, the condition is deemed to match. However, for NOT_EQUALS, the condition is only deemed to match if none of the given strings match the email's string.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 4096.

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](#)

RuleStringToEvaluate

The string to evaluate in a string condition expression.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

Attribute

The email attribute to evaluate in a string condition expression.

Type: String

Valid Values: `MAIL_FROM` | `HELO` | `RECIPIENT` | `SENDER` | `FROM` | `SUBJECT` | `TO` | `CC`

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](#)

RuleVerdictExpression

A verdict expression is evaluated against verdicts of the email.

Contents

Evaluate

The verdict to evaluate in a verdict condition expression.

Type: RuleVerdictToEvaluate object

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

Required: Yes

Operator

The matching operator for a verdict condition expression.

Type: String

Valid Values: `EQUALS | NOT_EQUALS`

Required: Yes

Values

The values to match with the email's verdict using the given operator. For the EQUALS operator, if multiple values are given, the condition is deemed to match if any of the given verdicts match that of the email. For the NOT_EQUALS operator, if multiple values are given, the condition is deemed to match of none of the given verdicts match the verdict of the email.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Valid Values: `PASS | FAIL | GRAY | PROCESSING_FAILED`

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](#)

RuleVerdictToEvaluate

The verdict to evaluate in a verdict condition expression.

Contents

> ⚠️ **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

Analysis

The Add On ARN and its returned value to evaluate in a verdict condition expression.

Type: Analysis object

Required: No

Attribute

The email verdict attribute to evaluate in a string verdict expression.

Type: String

Valid Values: SPF | DKIM

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

S3Action

Writes the MIME content of the email to an S3 bucket.

Contents

RoleArn

The Amazon Resource Name (ARN) of the IAM Role to use while writing to S3. This role must have access to the s3:PutObject, kms:Encrypt, and kms:GenerateDataKey APIs for the given bucket.

Type: String

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

Pattern: `^[a-zA-Z0-9:_/+=,@.#-]+$`

Required: Yes

S3Bucket

The bucket name of the S3 bucket to write to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 62.

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

Required: Yes

ActionFailurePolicy

A policy that states what to do in the case of failure. The action will fail if there are configuration errors. For example, the specified the bucket has been deleted.

Type: String

Valid Values: `CONTINUE | DROP`

Required: No

S3Prefix

The S3 prefix to use for the write to the s3 bucket.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 62.

Pattern: `^[a-zA-Z0-9!_.*'()/-]+$`

Required: No

S3SseKmsKeyId

The KMS Key ID to use to encrypt the message in S3.

Type: String

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

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](#)

S3ExportDestinationConfiguration

The configuration for exporting email data to an Amazon S3 bucket.

Contents

S3Location

The S3 location to deliver the exported email data.

Type: String

Pattern: `^s3://[a-zA-Z0-9.-]{3,63}(/[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](#)

SearchStatus

The current status of an archive search job.

Contents

CompletionTimestamp

The timestamp of when the search completed (if finished).

Type: Timestamp

Required: No

ErrorMessage

An error message if the search failed.

Type: String

Required: No

State

The current state of the search job.

Type: String

Valid Values: QUEUED | RUNNING | COMPLETED | FAILED | CANCELLED

Required: No

SubmissionTimestamp

The timestamp of when the search was submitted.

Type: Timestamp

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SearchSummary

Summary details of an archive search job.

Contents

SearchId

The unique identifier of the search job.

Type: String

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

Required: No

Status

The current status of the search job.

Type: SearchStatus object

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SendAction

Sends the email to the internet using the ses:SendRawEmail API.

Contents

RoleArn

The Amazon Resource Name (ARN) of the role to use for this action. This role must have access to the ses:SendRawEmail API.

Type: String

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

Pattern: `^[a-zA-Z0-9:_/+=,@.#-]+$`

Required: Yes

ActionFailurePolicy

A policy that states what to do in the case of failure. The action will fail if there are configuration errors. For example, the caller does not have the permissions to call the sendRawEmail API.

Type: String

Valid Values: `CONTINUE | DROP`

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 (the value is optional), that you can define and assign to AWS resources.

Contents

Key

The key of the key-value tag.

Type: String

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

Pattern: `^[a-zA-Z0-9/_\+=\.:@\-]+$`

Required: Yes

Value

The value of the key-value tag.

Type: String

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

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

Required: Yes

See Also

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

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

TrafficPolicy

The structure of a traffic policy resource which is a container for policy statements.

Contents

DefaultAction

Default action instructs the traffic policy to either Allow or Deny (block) messages that fall outside of (or not addressed by) the conditions of your policy statements

Type: String

Valid Values: `ALLOW | DENY`

Required: Yes

TrafficPolicyId

The identifier of the traffic policy resource.

Type: String

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

Required: Yes

TrafficPolicyName

A user-friendly name of the traffic policy resource.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

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

Required: Yes

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

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: 400

IncompleteSignature

The request signature does not conform to AWS standards.

HTTP Status Code: 400

InternalFailure

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

InvalidAction

The action or operation requested is invalid. Verify that the action is typed correctly.

HTTP Status Code: 400

InvalidClientTokenId

The X.509 certificate or AWS access key ID provided does not exist in our records.

HTTP Status Code: 403

NotAuthorized

You do not have permission to perform this action.

HTTP Status Code: 400

OptInRequired

The AWS access key ID needs a subscription for the service.

HTTP Status Code: 403

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

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

ValidationError

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

HTTP Status Code: 400