AWS Systems Manager Incident Manager

API Reference

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Welcome

AWS Systems Manager Incident Manager is an incident management console designed to help users mitigate and recover from incidents affecting their AWS-hosted applications. An incident is any unplanned interruption or reduction in quality of services.

Incident Manager increases incident resolution by notifying responders of impact, highlighting relevant troubleshooting data, and providing collaboration tools to get services back up and running. To achieve the primary goal of reducing the time-to-resolution of critical incidents, Incident Manager automates response plans and enables responder team escalation.

Actions

The following actions are supported by AWS Systems Manager Incident Manager:

The following actions are supported by AWS Systems Manager Incident Manager Contacts:

AWS Systems Manager Incident Manager

The following actions are supported by AWS Systems Manager Incident Manager:

CreateReplicationSet

Service: AWS Systems Manager Incident Manager

A replication set replicates and encrypts your data to the provided Regions with the provided AWS KMS key.

Request Syntax

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

{
   "clientToken": "string",
   "regions": {
      "string" : {
         "sseKmsKeyId": "string"
      }
   }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

clientToken (p. 5)

> A token ensuring that the operation is called only once with the specified details.
>
> Type: String
>
> Length Constraints: Minimum length of 0. Maximum length of 128.
>
> Required: No

regions (p. 5)

> The Regions that Incident Manager replicates your data to. You can have up to three Regions in your replication set.
>
> Type: String to RegionMapInputValue (p. 225) object map
>
> Map Entries: Maximum number of 3 items.
>
> Key Length Constraints: Minimum length of 0. Maximum length of 20.
>
> Required: Yes

Response Syntax

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

{
   "arn": "string"
```

```
}
```

Response Elements

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

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

arn (p. 5)

The Amazon Resource Name (ARN) of the replication set.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

ConflictException

Updating or deleting a resource causes an inconsistent state.

HTTP Status Code: 409

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ServiceQuotaExceededException

Request would cause a service quota to be exceeded.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of CreateReplicationSet.

Sample Request

```
POST /createReplicationSet HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.create-replication-set
X-Amz-Date: 20210810T210320Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210810/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 286

{
 "regions": {"us-east-1": {"sseKmsKeyId": "arn:aws:kms:us-east-1:111122223333:key/
de6a2f4e-5d40-4443-ad82-1db179510a32"}, "us-east-2": {"sseKmsKeyId": "arn:aws:kms:us-
east-2:111122223333:key/6f1572c9-05ca-43cf-bf03-ee7bc93f59bd"}},
 "clientToken": "aa1b2cde-27e3-42ff-9cac-99380EXAMPLE"
}
```

Sample Response

```
{
 "arn":"arn:aws:ssm-incidents::111122223333:replication-set/40bd98f0-4110-2dee-b35e-
b87006f9e172"
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateResponsePlan

Service: AWS Systems Manager Incident Manager

Creates a response plan that automates the initial response to incidents. A response plan engages contacts, starts chat channel collaboration, and initiates runbooks at the beginning of an incident.

Request Syntax

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

{
   "actions": [
      {
         "ssmAutomation": {
            "documentName": "string",
            "documentVersion": "string",
            "dynamicParameters": {
               "string" : {
                  "variable": "string"
               }
            },
            "parameters": {
               "string" : [ "string" ]
            },
            "roleArn": "string",
            "targetAccount": "string"
         }
      }
   ],
   "chatChannel": {
      "chatbotSns": [ "string" ],
      "empty": {
      }
   },
   "clientToken": "string",
   "displayName": "string",
   "engagements": [ "string" ],
   "incidentTemplate": {
      "dedupeString": "string",
      "impact": number,
      "notificationTargets": [
         {
            "snsTopicArn": "string"
         }
      ],
      "summary": "string",
      "title": "string"
   },
   "name": "string",
   "tags": {
      "string" : "string"
   }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

actions (p. 8)

The actions that the response plan starts at the beginning of an incident.

Type: Array of Action (p. 200) objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: No

chatChannel (p. 8)

The AWS Chatbot chat channel used for collaboration during an incident.

Type: ChatChannel (p. 204) object

Required: No

clientToken (p. 8)

A token ensuring that the operation is called only once with the specified details.

Type: String

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

Required: No

displayName (p. 8)

The long format of the response plan name. This field can contain spaces.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

Required: No

engagements (p. 8)

The contacts and escalation plans that the response plan engages during an incident.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

Pattern: `^arn:aws(-cn|-us-gov)?:ssm-contacts:[a-z0-9-]*:([0-9]{12}):contact/[a-z0-9_-]+$`

Required: No

incidentTemplate (p. 8)

Details used to create an incident when using this response plan.

Type: IncidentTemplate (p. 219) object

Required: Yes

name (p. 8)

The short format name of the response plan. Can't include spaces.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

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

Required: Yes

tags (p. 8)

A list of tags that you are adding to the response plan.

Type: String to string map

Map Entries: Maximum number of 50 items.

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

Key Pattern: `^(?!aws:)[A-Za-z0-9 _=@:.+-/]+$`

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

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

Required: No

Response Syntax

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

{
   "arn": "string"
}
```

Response Elements

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

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

arn (p. 10)

The Amazon Resource Name (ARN) of the response plan.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

ConflictException

Updating or deleting a resource causes an inconsistent state.

HTTP Status Code: 409

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of CreateResponsePlan.

Sample Request

```
POST /createResponsePlan HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.create-response-plan
X-Amz-Date: 20210810T213532Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210810/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 652

{
 "actions": [
  {
   "ssmAutomation": {
    "documentName": "AWSIncidents-CriticalIncidentRunbookTemplate",
    "documentVersion": "$DEFAULT",
    "roleArn": "arn:aws:iam::111122223333:role/aws-service-role/ssm-
incidents.amazonaws.com/AWSServiceRoleForIncidentManager",
    "targetAccount": "RESPONSE_PLAN_OWNER_ACCOUNT"
   }
```

```
  }
 ],
 "chatChannel": {
  "chatbotSns": ["arn:aws:sns:us-east-1:111122223333:Standard_User"]
 },
 "displayName": "Example response plan",
 "engagements": ["arn:aws:ssm-contacts:us-east-1:111122223333:contact/example"],
 "incidentTemplate": {
  "impact": 5,
  "title": "example-incident"
 },
 "name": "example-response",
 "clientToken": "aa1b2cde-27e3-42ff-9cac-99380EXAMPLE"
}
```

Sample Response

```
{
 "arn":"arn:aws:ssm-incidents::111122223333:response-plan/example-response"
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateTimelineEvent

Service: AWS Systems Manager Incident Manager

Creates a custom timeline event on the incident details page of an incident record. Timeline events are automatically created by Incident Manager, marking key moment during an incident. You can create custom timeline events to mark important events that are automatically detected by Incident Manager.

Request Syntax

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

{
   "clientToken": "string",
   "eventData": "string",
   "eventTime": number,
   "eventType": "string",
   "incidentRecordArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

clientToken (p. 13)

A token ensuring that the action is called only once with the specified details.

Type: String

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

Required: No

eventData (p. 13)

A short description of the event.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 6000.

Required: Yes

eventTime (p. 13)

The time that the event occurred.

Type: Timestamp

Required: Yes

eventType (p. 13)

The type of the event. You can create timeline events of type `Custom Event`.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 100.

Required: Yes

incidentRecordArn (p. 13)

The Amazon Resource Name (ARN) of the incident record to which the event will be added.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

Response Syntax

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

{
    "eventId": "string",
    "incidentRecordArn": "string"
}
```

Response Elements

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

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

eventId (p. 14)

The ID of the event for easy reference later.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 50.

incidentRecordArn (p. 14)

The ARN of the incident record that you added the event to.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

ConflictException

Updating or deleting a resource causes an inconsistent state.

HTTP Status Code: 409

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of CreateTimelineEvent.

Sample Request

```
POST /createTimelineEvent HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.create-timeline-event
X-Amz-Date: 20210810T221725Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210810/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 282

{
 "eventData": "\"example timeline event\"",
 "eventTime": 1601584200,
 "eventType": "Custom Event",
 "incidentRecordArn": "arn:aws:ssm-incidents::111122223333:incident-record/example-
response/bebd9911-63a7-672f-820b-63731f2543ad",
 "clientToken": "aa1b2cde-27e3-42ff-9cac-99380EXAMPLE"
}
```

Sample Response

```
{
  "eventId":"56bd9912-28e5-b4fc-ec3e-ca4f06309c99",
  "incidentRecordArn":"arn:aws:ssm-incidents::111122223333:incident-record/example-
response/bebd9911-63a7-672f-820b-63731f2543ad"
```

```
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteIncidentRecord

Service: AWS Systems Manager Incident Manager

Delete an incident record from Incident Manager.

Request Syntax

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

{
    "arn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

arn (p. 17)

The Amazon Resource Name (ARN) of the incident record you are deleting.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of DeleteIncidentRecord.

Sample Request

```
POST /deleteIncidentRecord HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.delete-incident-record
X-Amz-Date: 20210810T222351Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210810/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 116

{
 "arn": "arn:aws:ssm-incidents::111122223333:incident-record/example-response/
bebd9911-63a7-672f-820b-63731f2543ad"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteReplicationSet

Service: AWS Systems Manager Incident Manager

Deletes all Regions in your replication set. Deleting the replication set deletes all Incident Manager data.

Request Syntax

```
POST /deleteReplicationSet?arn=arn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

arn (p. 19)

> The Amazon Resource Name (ARN) of the replication set you're deleting.
>
> Length Constraints: Minimum length of 0. Maximum length of 1000.
>
> Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`
>
> Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

> You don't have sufficient access to perform this operation.
>
> HTTP Status Code: 403

InternalServerException

> The request processing has failed because of an unknown error, exception or failure.
>
> HTTP Status Code: 500

ResourceNotFoundException

> Request references a resource which doesn't exist.
>
> HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of DeleteReplicationSet.

Sample Request

```
POST /deleteReplicationSet?arn=arn%3Aaws%3Assm-incidents%3A%111122223333%3Areplication-set
%2F40bd98f0-4110-2dee-b35e-b87006f9e172 HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.delete-replication-set
X-Amz-Date: 20210811T215946Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 0
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteResourcePolicy

Service: AWS Systems Manager Incident Manager

Deletes the resource policy that AWS Resource Access Manager uses to share your Incident Manager resource.

Request Syntax

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

{
   "policyId": "string",
   "resourceArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

policyId (p. 21)

    The ID of the resource policy you're deleting.

    Type: String

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

    Required: Yes

resourceArn (p. 21)

    The Amazon Resource Name (ARN) of the resource you're deleting the policy from.

    Type: String

    Length Constraints: Minimum length of 0. Maximum length of 1000.

    Pattern: ^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$

    Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of DeleteResourcePolicy.

Sample Request

```
POST /deleteResourcePolicy HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.delete-resource-policy
X-Amz-Date: 20210811T204449Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 133

{
 "policyId": "72f95d0502d05ebf6e7d2c30ee0445cf",
 "resourceArn": "arn:aws:ssm-incidents::111122223333:response-plan/example-response"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteResponsePlan

Service: AWS Systems Manager Incident Manager

Deletes the specified response plan. Deleting a response plan stops all linked CloudWatch alarms and EventBridge events from creating an incident with this response plan.

Request Syntax

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

{
    "arn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

arn (p. 24)

> The Amazon Resource Name (ARN) of the response plan.
>
> Type: String
>
> Length Constraints: Minimum length of 0. Maximum length of 1000.
>
> Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`
>
> Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

> You don't have sufficient access to perform this operation.
>
> HTTP Status Code: 403

InternalServerException

> The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of DeleteResponsePlan.

Sample Request

```
POST /deleteResponsePlan HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.delete-response-plan
X-Amz-Date: 20210811T204938Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 77

{
 "arn": "arn:aws:ssm-incidents::111122223333:response-plan/example-response"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteTimelineEvent

Service: AWS Systems Manager Incident Manager

Deletes a timeline event from an incident.

Request Syntax

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

{
   "eventId": "string",
   "incidentRecordArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

eventId (p. 26)

The ID of the event you are updating. You can find this by using `ListTimelineEvents`.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 50.

Required: Yes

incidentRecordArn (p. 26)

The Amazon Resource Name (ARN) of the incident that includes the timeline event.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

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

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of DeleteTimelineEvent.

Sample Request

```
POST /updateTimelineEvent HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.update-timeline-event
X-Amz-Date: 20210811T203312Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 261

{
 "eventId": "a4bd9b45-1fcf-64c3-9d53-121d0f53a7ec",
 "eventTime": 1621620657,
 "incidentRecordArn": "arn:aws:ssm-incidents::111122223333:incident-record/example-
response/64bd9b45-1d0e-2622-840d-03a87a1451fa",
 "clientToken": "aa1b2cde-27e3-42ff-9cac-99380EXAMPLE"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetIncidentRecord

Service: AWS Systems Manager Incident Manager

Returns the details for the specified incident record.

Request Syntax

```
GET /getIncidentRecord?arn=arn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

arn (p. 29)

    The Amazon Resource Name (ARN) of the incident record.

    Length Constraints: Minimum length of 0. Maximum length of 1000.

    Pattern: ^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$

    Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "incidentRecord": {
      "arn": "string",
      "automationExecutions": [
         {
            "ssmExecutionArn": "string"
         }
      ],
      "chatChannel": {
         "chatbotSns": [ "string" ],
         "empty": {
         }
      },
      "creationTime": number,
      "dedupeString": "string",
      "impact": number,
      "incidentRecordSource": {
         "createdBy": "string",
         "invokedBy": "string",
         "resourceArn": "string",
         "source": "string"
      },
      "lastModifiedBy": "string",
      "lastModifiedTime": number,
      "notificationTargets": [
         {
```

```
            "snsTopicArn": "string"
        }
    ],
    "resolvedTime": number,
    "status": "string",
    "summary": "string",
    "title": "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.

incidentRecord (p. 29)

Details the structure of the incident record.

Type: IncidentRecord (p. 212) object

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of GetIncidentRecord.

Sample Request

```
GET /getIncidentRecord?arn=arn%3Aaws%3Assm-incidents%3A%111122223333%3Aincident-record
%2Fexample-response%2F78bd9919-b9ac-962d-91e0-149960600e3f HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.get-incident-record
X-Amz-Date: 20210810T223503Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210810/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
```

Sample Response

```
{
 "incidentRecord":
   {
    "arn":"arn:aws:ssm-incidents::111122223333:incident-record/example-response/78bd9919-
b9ac-962d-91e0-149960600e3f",
    "automationExecutions":[],
    "chatChannel":{
     "chatbotSns":["arn:aws:sns:us-east-1:111122223333:Standard_User"]
    },
    "creationTime":1.628634837849E9,
    "dedupeString":"00bd9919-b99f-367c-c282-eabcaff587f7",
    "impact":5,
    "incidentRecordSource": {
     "createdBy":"arn:aws:sts::111122223333:assumed-role/Admin/exampleUser",
     "invokedBy":"arn:aws:sts::111122223333:assumed-role/Admin/exampleUser",
     "resourceArn":null,"source":"aws.ssm-incidents.custom"
    },
    "lastModifiedBy":"arn:aws:sts::111122223333:assumed-role/Admin/exampleUser",
    "lastModifiedTime":1.628634838724E9,
    "notificationTargets":[],
    "resolvedTime":null,
    "status":"OPEN",
    "summary":null,
    "title":"example-incident"
   }
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetReplicationSet

Service: AWS Systems Manager Incident Manager

Retrieve your Incident Manager replication set.

Request Syntax

```
GET /getReplicationSet?arn=arn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

arn (p. 32)

The Amazon Resource Name (ARN) of the replication set you want to retrieve.

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
    "replicationSet": {
        "arn": "string",
        "createdBy": "string",
        "createdTime": number,
        "deletionProtected": boolean,
        "lastModifiedBy": "string",
        "lastModifiedTime": number,
        "regionMap": {
            "string" : {
                "sseKmsKeyId": "string",
                "status": "string",
                "statusMessage": "string",
                "statusUpdateDateTime": number
            }
        },
        "status": "string"
    }
}
```

Response Elements

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

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

replicationSet (p. 32)

Details of the replication set.

Type: ReplicationSet (p. 228) object

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of GetReplicationSet.

Sample Request

```
GET /getReplicationSet?arn=arn%3Aaws%3Assm-incidents%3A%111122223333%3Areplication-set
%2F40bd98f0-4110-2dee-b35e-b87006f9e172 HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.get-replication-set
X-Amz-Date: 20210810T224619Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210810/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
```

Sample Response

```
{
```

```
    "replicationSet": {
        "createdBy": "arn:aws:iam::111122223333:user/exampleUser",
        "createdTime": "2021-08-10T21:03:21.332000+00:00",
        "deletionProtected": false,
        "lastModifiedBy": "arn:aws:iam::111122223333:user/exampleUser",
        "lastModifiedTime": "2021-08-10T21:03:21.332000+00:00",
        "regionMap": {
            "us-east-1": {
                "sseKmsKeyId": "arn:aws:kms:us-east-1:111122223333:key/de6a2f4e-5d40-4443-
ad82-1db179510a32",
                "status": "ACTIVE"
            },
            "us-east-2": {
                "sseKmsKeyId": "arn:aws:kms:us-east-2:111122223333:key/6f1572c9-05ca-43cf-
bf03-ee7bc93f59bd",
                "status": "ACTIVE",
                "statusMessage": "Tagging inaccessible"
            }
        },
        "status": "ACTIVE"
    }
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetResourcePolicies

Service: AWS Systems Manager Incident Manager

Retrieves the resource policies attached to the specified response plan.

Request Syntax

```
POST /getResourcePolicies?resourceArn=resourceArn HTTP/1.1
Content-type: application/json

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

URI Request Parameters

The request uses the following URI parameters.

resourceArn (p. 35)

> The Amazon Resource Name (ARN) of the response plan with the attached resource policy.
>
> Length Constraints: Minimum length of 0. Maximum length of 1000.
>
> Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`
>
> Required: Yes

Request Body

The request accepts the following data in JSON format.

maxResults (p. 35)

> The maximum number of resource policies to display per page of results.
>
> Type: Integer
>
> Valid Range: Minimum value of 1. Maximum value of 100.
>
> Required: No

nextToken (p. 35)

> The pagination token to continue to the next page of results.
>
> Type: String
>
> Length Constraints: Minimum length of 0. Maximum length of 2000.
>
> Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
   "nextToken": "string",
   "resourcePolicies": [
      {
         "policyDocument": "string",
         "policyId": "string",
         "ramResourceShareRegion": "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 (p. 35)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2000.

resourcePolicies (p. 35)

Details about the resource policy attached to the response plan.

Type: Array of ResourcePolicy (p. 230) objects

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of GetResourcePolicies.

Sample Request

```
POST /getResourcePolicies?resourceArn=arn%3Aaws%3Assm-incidents%3A%111122223333%3Aresponse-
plan%2Fexample-response HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.get-resource-policies
X-Amz-Date: 20210810T230018Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210810/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 0
```

Sample Response

```
{
 "nextToken":null,
    "resourcePolicies": [
        {
            "policyDocument": "{\"Version\":\"2012-10-17\",\"Statement\":
[{\"Sid\":\"ExampleResourcePolciy\",\"Effect\":\"Allow\",\"Principal\":{\"AWS\":
\"arn:aws:iam::444455556666:root\"},\"Action\":[\"ssm-incidents:GetResponsePlan
\",\"ssm-incidents:StartIncident\",\"ssm-incidents:UpdateIncidentRecord
\",\"ssm-incidents:GetIncidentRecord\",\"ssm-incidents:CreateTimelineEvent
\",\"ssm-incidents:UpdateTimelineEvent\",\"ssm-incidents:GetTimelineEvent
\",\"ssm-incidents:ListTimelineEvents\",\"ssm-incidents:UpdateRelatedItems
\",\"ssm-incidents:ListRelatedItems\"],\"Resource\":[\"arn:aws:ssm-
incidents:*:111122223333:response-plan/example-response\",\"arn:aws:ssm-
incidents:*:111122223333:incident-record/example-incident/*\"]}]}",
            "policyId": "72f95d0502d05ebf6e7d2c30ee0445cf",
            "ramResourceShareRegion": "us-east-1"
        }
    ]
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript

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

GetResponsePlan

Service: AWS Systems Manager Incident Manager

Retrieves the details of the specified response plan.

Request Syntax

```
GET /getResponsePlan?arn=arn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

arn (p. 39)

The Amazon Resource Name (ARN) of the response plan.

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: ^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "actions": [
      {
         "ssmAutomation": {
            "documentName": "string",
            "documentVersion": "string",
            "dynamicParameters": {
               "string" : {
                  "variable": "string"
               }
            },
            "parameters": {
               "string" : [ "string" ]
            },
            "roleArn": "string",
            "targetAccount": "string"
         }
      }
   ],
   "arn": "string",
   "chatChannel": {
      "chatbotSns": [ "string" ],
      "empty": {
      }
   },
   "displayName": "string",
```

```
      "engagements": [ "string" ],
      "incidentTemplate": {
         "dedupeString": "string",
         "impact": number,
         "notificationTargets": [
            {
               "snsTopicArn": "string"
            }
         ],
         "summary": "string",
         "title": "string"
      },
      "name": "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.

actions (p. 39)

> The actions that this response plan takes at the beginning of the incident.

> Type: Array of Action (p. 200) objects

> Array Members: Minimum number of 0 items. Maximum number of 1 item.

arn (p. 39)

> The ARN of the response plan.

> Type: String

> Length Constraints: Minimum length of 0. Maximum length of 1000.

> Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

chatChannel (p. 39)

> The AWS Chatbot chat channel used for collaboration during an incident.

> Type: ChatChannel (p. 204) object

displayName (p. 39)

> The long format name of the response plan. Can contain spaces.

> Type: String

> Length Constraints: Minimum length of 0. Maximum length of 200.

engagements (p. 39)

> The contacts and escalation plans that the response plan engages during an incident.

> Type: Array of strings

> Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

> Pattern: `^arn:aws(-cn|-us-gov)?:ssm-contacts:[a-z0-9-]*:([0-9]{12}):contact/[a-z0-9_-]+$`

incidentTemplate (p. 39)

Details used to create the incident when using this response plan.

Type: IncidentTemplate (p. 219) object

name (p. 39)

The short format name of the response plan. The name can't contain spaces.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of GetResponsePlan.

Sample Request

```
GET /getResponsePlan?arn=arn%3Aaws%3Assm-incidents%3A%111122223333%3Aresponse-plan
%2Fexample-response HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
```

```
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.get-response-plan
X-Amz-Date: 20210810T230500Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210810/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
```

Sample Response

```
{
    "actions": [
        {
            "ssmAutomation": {
                "documentName": "AWSIncidents-CriticalIncidentRunbookTemplate",
                "documentVersion": "$DEFAULT",
                "roleArn": "arn:aws:iam::111122223333:role/aws-service-role/ssm-
incidents.amazonaws.com/AWSServiceRoleForIncidentManager",
                "targetAccount": "RESPONSE_PLAN_OWNER_ACCOUNT"
            }
        }
    ],
    "arn": "arn:aws:ssm-incidents::111122223333:response-plan/example-response",
    "chatChannel": {
        "chatbotSns": [
            "arn:aws:sns:us-east-1:111122223333:Standard_User"
        ]
    },
    "displayName": "Example response plan",
    "engagements": [
        "arn:aws:ssm-contacts:us-east-1:111122223333:contact/example"
    ],
    "incidentTemplate": {
        "impact": 5,
        "title": "example-incident"
    },
    "name": "example-response"
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetTimelineEvent

Service: AWS Systems Manager Incident Manager

Retrieves a timeline event based on its ID and incident record.

Request Syntax

```
GET /getTimelineEvent?eventId=eventId&incidentRecordArn=incidentRecordArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

eventId (p. 43)

The ID of the event. You can get an event's ID when you create it, or by using `ListTimelineEvents`.

Length Constraints: Minimum length of 0. Maximum length of 50.

Required: Yes

incidentRecordArn (p. 43)

The Amazon Resource Name (ARN) of the incident that includes the timeline event.

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "event": {
      "eventData": "string",
      "eventId": "string",
      "eventTime": number,
      "eventType": "string",
      "eventUpdatedTime": number,
      "incidentRecordArn": "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.

event (p. 43)

Details about the timeline event.

Type: TimelineEvent (p. 234) object

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of GetTimelineEvent.

Sample Request

```
GET /getTimelineEvent?eventId=ecbd9919-bba6-d317-6cfc-7232df620b6d&incidentRecordArn=arn
%3Aaws%3Assm-incidents%3A%111122223333%3Aincident-record%2Fexample-response%2F78bd9919-
b9ac-962d-91e0-149960600e3f HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.get-timeline-event
X-Amz-Date: 20210811T165600Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
```

Sample Response

```
{
    "event": {
        "eventData": "{\"modifiedBy\":\"arn:aws:sts::111122223333:assumed-role/Admin/
exampleUser\",\"modifiedAttributes\":[{\"attributeName\":\"relatedItems\",\"newValue\":\"{\
\\"itemToAdd\\\":{\\\"identifier\\\":{\\\"type\\\":\\\"PARENT\\\",\\\"value\\\":{\\\"arn\
\\":\\\"arn:aws:ssm:us-east-1:111122223333:opsItem/oi-4008965bf3a7\\\"}},\\\"title\\\":\\
\"parentItem\\\"}}\"}],\"incidentTitle\":\"example-incident\"}",
        "eventId": "ecbd9919-bba6-d317-6cfc-7232df620b6d",
        "eventTime": "2021-08-10T22:33:58.724000+00:00",
        "eventType": "SSM Incident Record Update",
        "eventUpdatedTime": "2021-08-10T22:33:58.724000+00:00",
        "incidentRecordArn": "arn:aws:ssm-incidents::111122223333:incident-record/example-
response/78bd9919-b9ac-962d-91e0-149960600e3f"
    }
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListIncidentRecords

Service: AWS Systems Manager Incident Manager

Lists all incident records in your account. Use this command to retrieve the Amazon Resource Name (ARN) of the incident record you want to update.

Request Syntax

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

{
   "filters": [
      {
         "condition": {
            "after": number,
            "before": number,
            "equals": {
               "integerValues": [ number ],
               "stringValues": [ "string" ]
            }
         },
         "key": "string"
      }
   ],
   "maxResults": number,
   "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters (p. 46)

Filters the list of incident records through which you are searching. You can filter on the following keys:

- `creationTime`
- `impact`
- `status`
- `createdBy`

Note the following when deciding how to use Filters:

- If you don't specify a Filter, the response includes all incident records.
- If you specify more than one filter in a single request, the response returns incident records that match all filters.
- If you specify a filter with more than one value, the response returns incident records that match any of the values provided.

Type: Array of Filter (p. 211) objects

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Required: No

maxResults (p. 46)

The maximum number of results per page.

Type: Integer

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

Required: No

nextToken (p. 46)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2000.

Required: No

Response Syntax

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

{
   "incidentRecordSummaries": [
      {
         "arn": "string",
         "creationTime": number,
         "impact": number,
         "incidentRecordSource": {
            "createdBy": "string",
            "invokedBy": "string",
            "resourceArn": "string",
            "source": "string"
         },
         "resolvedTime": number,
         "status": "string",
         "title": "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.

incidentRecordSummaries (p. 47)

The details of each listed incident record.

Type: Array of IncidentRecordSummary (p. 217) objects

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

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2000.

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListIncidentRecords.

Sample Request

```
POST /listIncidentRecords HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.list-incident-records
X-Amz-Date: 20210811T170938Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 0
```

Sample Response

```
{
    "incidentRecordSummaries": [
        {
```

```
            "arn": "arn:aws:ssm-incidents::111122223333:incident-record/example-
response/78bd9919-b9ac-962d-91e0-149960600e3f",
            "creationTime": "2021-08-10T22:33:57.849000+00:00",
            "impact": 5,
            "incidentRecordSource": {
                "createdBy": "arn:aws:sts::111122223333:assumed-role/Admin/exampleUser",
                "invokedBy": "arn:aws:sts::111122223333:assumed-role/Admin/exampleUser",
                "source": "aws.ssm-incidents.custom"
            },
            "status": "OPEN",
            "title": "example-incident"
        }
    ]
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListRelatedItems

Service: AWS Systems Manager Incident Manager

List all related items for an incident record.

Request Syntax

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

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

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

incidentRecordArn (p. 50)

    The Amazon Resource Name (ARN) of the incident record containing the listed related items.

    Type: String

    Length Constraints: Minimum length of 0. Maximum length of 1000.

    Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

    Required: Yes

maxResults (p. 50)

    The maximum number of related items per page.

    Type: Integer

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

    Required: No

nextToken (p. 50)

    The pagination token to continue to the next page of results.

    Type: String

    Length Constraints: Minimum length of 0. Maximum length of 2000.

    Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
   "nextToken": "string",
   "relatedItems": [
      {
         "identifier": {
            "type": "string",
            "value": {
               "arn": "string",
               "metricDefinition": "string",
               "url": "string"
            }
         },
         "title": "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 (p. 50)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2000.

relatedItems (p. 50)

Details about each related item.

Type: Array of RelatedItem (p. 226) objects

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListRelatedItems.

Sample Request

```
POST /listRelatedItems HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.list-related-items
X-Amz-Date: 20210811T172030Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 130

{
 "incidentRecordArn": "arn:aws:ssm-incidents::111122223333:incident-record/example-
response/78bd9919-b9ac-962d-91e0-149960600e3f"
}
```

Sample Response

```
{
    "relatedItems": [
        {
            "identifier": {
                "type": "OTHER",
                "value": {
                    "url": "https://us-east-1.console.aws.amazon.com/systems-manager/
opsitems/oi-cd91EXAMPLE/workbench?region=us-east-1"
                }
            },
            "title": "Example related item"
        },
        {
            "identifier": {
                "type": "PARENT",
                "value": {
                    "arn": "arn:aws:ssm:us-east-1:111122223333:opsitem/oi-40089EXAMPLE"
                }
            },
            "title": "parentItem"
        }
    ]
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListReplicationSets

Service: AWS Systems Manager Incident Manager

Lists details about the replication set configured in your account.

Request Syntax

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

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

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

maxResults (p. 54)

> The maximum number of results per page.
>
> Type: Integer
>
> Valid Range: Minimum value of 1. Maximum value of 100.
>
> Required: No

nextToken (p. 54)

> The pagination token to continue to the next page of results.
>
> Type: String
>
> Length Constraints: Minimum length of 0. Maximum length of 2000.
>
> Required: No

Response Syntax

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

{
   "nextToken": "string",
   "replicationSetArns": [ "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 (p. 54)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2000.

replicationSetArns (p. 54)

The Amazon Resource Name (ARN) of the list replication set.

Type: Array of strings

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListReplicationSets.

Sample Request

```
POST /listReplicationSets HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.list-replication-sets
```

```
X-Amz-Date: 20210810T223055Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210810/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 0
```

Sample Response

```
{
 "nextToken":null,
 "replicationSetArns":
   [
    "arn:aws:ssm-incidents::111122223333:replication-set/40bd98f0-4110-2dee-b35e-
b87006f9e172"
   ]
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListResponsePlans

Service: AWS Systems Manager Incident Manager

Lists all response plans in your account.

Request Syntax

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

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

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

maxResults (p. 57)

> The maximum number of response plans per page.
>
> Type: Integer
>
> Valid Range: Minimum value of 1. Maximum value of 100.
>
> Required: No

nextToken (p. 57)

> The pagination token to continue to the next page of results.
>
> Type: String
>
> Length Constraints: Minimum length of 0. Maximum length of 2000.
>
> Required: No

Response Syntax

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

{
   "nextToken": "string",
   "responsePlanSummaries": [
      {
         "arn": "string",
         "displayName": "string",
         "name": "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 (p. 57)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2000.

responsePlanSummaries (p. 57)

Details of each response plan.

Type: Array of ResponsePlanSummary (p. 231) objects

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListResponsePlans.

Sample Request

```
POST /listResponsePlans HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
```

```
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.list-response-plans
X-Amz-Date: 20210811T172723Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 461

{
 "nextToken": "AAMA-
EFRSURBSGhxbUdFUS9sMGNSNUQwM1RCak1VM3FiUVpneVdwRHFlVGp0czk0cFg4MEdRSFM1cWQzSDZuOGFtNGt2ZXFkRHVoYkFBQUFm
UlGoYDbWb_1keR-
kIBvT4Al40KQqiAxUEMCIJ_15yckvywELqL2WiYQBKkjMjyMyjhwkFAu3sfu_Wg4jRUTUA8hEA4lbhXk"
}
```

Sample Response

```
{
    "responsePlanSummaries": [
        {
            "arn": "arn:aws:ssm-incidents::111122223333:response-plan/example-response",
            "displayName": "Example response plan",
            "name": "example-response"
        }
    ]
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListTagsForResource

Service: AWS Systems Manager Incident Manager

Lists the tags that are attached to the specified response plan.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

resourceArn (p. 60)

> The Amazon Resource Name (ARN) of the response plan.
>
> Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
    "tags": {
        "string" : "string"
    }
}
```

Response Elements

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

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

tags (p. 60)

> A list of tags for the response plan.
>
> Type: String to string map
>
> Map Entries: Maximum number of 50 items.
>
> Key Length Constraints: Minimum length of 1. Maximum length of 128.
>
> Key Pattern: ^(?!aws:)[A-Za-z0-9 _=@:.+-/]+$
>
> Value Length Constraints: Minimum length of 0. Maximum length of 256.
>
> Value Pattern: ^[A-Za-z0-9 _=@:.+-/]*$

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListTagsForResource.

Sample Request

```
GET /tags/arn%3Aaws%3Assm-incidents%3A%111122223333%3Aresponse-plan%2Fexample-response
 HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.list-tags-for-resource
X-Amz-Date: 20210811T180328Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
```

Sample Response

```
{
    "tags": {
        "group1": "1"
    }
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListTimelineEvents

Service: AWS Systems Manager Incident Manager

Lists timeline events for the specified incident record.

Request Syntax

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

{
   "filters": [
      {
         "condition": {
            "after": number,
            "before": number,
            "equals": {
               "integerValues": [ number ],
               "stringValues": [ "string" ]
            }
         },
         "key": "string"
      }
   ],
   "incidentRecordArn": "string",
   "maxResults": number,
   "nextToken": "string",
   "sortBy": "string",
   "sortOrder": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters (p. 63)

Filters the timeline events based on the provided conditional values. You can filter timeline events using the following keys:

- `eventTime`
- `eventType`

Note the following when deciding how to use Filters:

- If you don't specify a Filter, the response includes all timeline events.
- If you specify more than one filter in a single request, the response returns timeline events that match all filters.
- If you specify a filter with more than one value, the response returns timeline events that match any of the values provided.

Type: Array of Filter (p. 211) objects

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Required: No

incidentRecordArn (p. 63)

The Amazon Resource Name (ARN) of the incident that includes the timeline event.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

maxResults (p. 63)

The maximum number of results per page.

Type: Integer

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

Required: No

nextToken (p. 63)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2000.

Required: No

sortBy (p. 63)

Sort by the specified key value pair.

Type: String

Valid Values: `EVENT_TIME`

Required: No

sortOrder (p. 63)

Sorts the order of timeline events by the value specified in the `sortBy` field.

Type: String

Valid Values: `ASCENDING | DESCENDING`

Required: No

Response Syntax

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

{
   "eventSummaries": [
      {
         "eventId": "string",
         "eventTime": number,
         "eventType": "string",
         "eventUpdatedTime": number,
```

```
            "incidentRecordArn": "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.

eventSummaries (p. 64)

Details about each event that occurred during the incident.

Type: Array of EventSummary (p. 209) objects

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

nextToken (p. 64)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2000.

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListTimelineEvents.

Sample Request

```
POST /listTimelineEvents HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.list-timeline-events
X-Amz-Date: 20210811T163348Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=AKIAIOSFODNN7EXAMPLE
Content-Length: 130

{
 "incidentRecordArn": "arn:aws:ssm-incidents::111122223333:incident-record/example-
response/78bd9919-b9ac-962d-91e0-149960600e3f"
}
```

Sample Response

```
{
    "eventSummaries": [
        {
            "eventId": "ecbd9919-bba6-d317-6cfc-7232df620b6d",
            "eventTime": "2021-08-10T22:33:58.724000+00:00",
            "eventType": "SSM Incident Record Update",
            "eventUpdatedTime": "2021-08-10T22:33:58.724000+00:00",
            "incidentRecordArn": "arn:aws:ssm-incidents::111122223333:incident-record/
example-response/78bd9919-b9ac-962d-91e0-149960600e3f"
        },
        {
            "eventId": "08bd9919-bad3-d3a8-58f5-f26c362fe79f",
            "eventTime": "2021-08-10T22:33:58+00:00",
            "eventType": "SSM Automation Execution Start Failure for Incident",
            "eventUpdatedTime": "2021-08-10T22:33:58.439000+00:00",
            "incidentRecordArn": "arn:aws:ssm-incidents::111122223333:incident-record/
example-response/78bd9919-b9ac-962d-91e0-149960600e3f"
        },
        {
            "eventId": "58bd9919-bc2e-030b-11f0-76dc0d95bb36",
            "eventTime": "2021-08-10T22:33:57+00:00",
            "eventType": "Custom Event",
            "eventUpdatedTime": "2021-08-10T22:33:59.132000+00:00",
            "incidentRecordArn": "arn:aws:ssm-incidents::111122223333:incident-record/
example-response/78bd9919-b9ac-962d-91e0-149960600e3f"
        }
    ]
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python

- [AWS SDK for Ruby V3](#)

PutResourcePolicy

Service: AWS Systems Manager Incident Manager

Adds a resource policy to the specified response plan. The resource policy is used to share the response plan using AWS Resource Access Manager (AWS RAM). For more information about cross-account sharing, see Setting up cross-account functionality.

Request Syntax

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

{
    "policy": "string",
    "resourceArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

policy (p. 68)

> Details of the resource policy.
>
> Type: String
>
> Length Constraints: Minimum length of 0. Maximum length of 4000.
>
> Required: Yes

resourceArn (p. 68)

> The Amazon Resource Name (ARN) of the response plan you're adding the resource policy to.
>
> Type: String
>
> Length Constraints: Minimum length of 0. Maximum length of 1000.
>
> Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`
>
> Required: Yes

Response Syntax

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

{
    "policyId": "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.

policyId (p. 68)

> The ID of the resource policy.
>
> Type: String
>
> Length Constraints: Minimum length of 0. Maximum length of 256.

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

> You don't have sufficient access to perform this operation.
>
> HTTP Status Code: 403

InternalServerException

> The request processing has failed because of an unknown error, exception or failure.
>
> HTTP Status Code: 500

ResourceNotFoundException

> Request references a resource which doesn't exist.
>
> HTTP Status Code: 404

ThrottlingException

> The request was denied due to request throttling.
>
> HTTP Status Code: 429

ValidationException

> The input fails to satisfy the constraints specified by an AWS service.
>
> HTTP Status Code: 400

Examples

Example

This example illustrates one usage of PutResourcePolicy.

Sample Request

```
POST /putResourcePolicy HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.put-resource-policy
```

```
X-Amz-Date: 20210810T225349Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210810/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 796

{
 "policy": "{\"Version\":\"2012-10-17\",\"Statement\":[{\"Sid\":\"ExampleResourcePolciy
\",\"Effect\":\"Allow\",\"Principal\":{\"AWS\":\"arn:aws:iam::444455556666:root
\"},\"Action\":[\"ssm-incidents:GetResponsePlan\",\"ssm-incidents:StartIncident
\",\"ssm-incidents:UpdateIncidentRecord\",\"ssm-incidents:GetIncidentRecord\",
\"ssm-incidents:CreateTimelineEvent\",\"ssm-incidents:UpdateTimelineEvent\",
\"ssm-incidents:GetTimelineEvent\",\"ssm-incidents:ListTimelineEvents\",\"ssm-
incidents:UpdateRelatedItems\",\"ssm-incidents:ListRelatedItems\"],\"Resource\":
[\"arn:aws:ssm-incidents:*:111122223333:response-plan/example-response\",\"arn:aws:ssm-
incidents:*:111122223333:incident-record/example-incident/*\"]}]}",
 "resourceArn": "arn:aws:ssm-incidents::111122223333:response-plan/example-response"
}
```

Sample Response

```
{
 "policyId":"72f95d0502d05ebf6e7d2c30ee0445cf"
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

StartIncident

Service: AWS Systems Manager Incident Manager

Used to start an incident from CloudWatch alarms, EventBridge events, or manually.

Request Syntax

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

{
   "clientToken": "string",
   "impact": number,
   "relatedItems": [
      {
         "identifier": {
            "type": "string",
            "value": {
               "arn": "string",
               "metricDefinition": "string",
               "url": "string"
            }
         },
         "title": "string"
      }
   ],
   "responsePlanArn": "string",
   "title": "string",
   "triggerDetails": {
      "rawData": "string",
      "source": "string",
      "timestamp": number,
      "triggerArn": "string"
   }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

clientToken (p. 71)

A token ensuring that the operation is called only once with the specified details.

Type: String

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

Required: No

impact (p. 71)

Defines the impact to the customers. Providing an impact overwrites the impact provided by a response plan.

Possible impacts:

- `1` - Critical impact, this typically relates to full application failure that impacts many to all customers.
- `2` - High impact, partial application failure with impact to many customers.
- `3` - Medium impact, the application is providing reduced service to customers.
- `4` - Low impact, customer might aren't impacted by the problem yet.
- `5` - No impact, customers aren't currently impacted but urgent action is needed to avoid impact.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 5.

Required: No

relatedItems (p. 71)

Add related items to the incident for other responders to use. Related items are AWS resources, external links, or files uploaded to an Amazon S3 bucket.

Type: Array of RelatedItem (p. 226) objects

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

Required: No

responsePlanArn (p. 71)

The Amazon Resource Name (ARN) of the response plan that pre-defines summary, chat channels, Amazon SNS topics, runbooks, title, and impact of the incident.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

title (p. 71)

Provide a title for the incident. Providing a title overwrites the title provided by the response plan.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

Required: No

triggerDetails (p. 71)

Details of what created the incident record in Incident Manager.

Type: TriggerDetails (p. 236) object

Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
    "incidentRecordArn": "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.

incidentRecordArn (p. 72)

> The ARN of the newly created incident record.
>
> Type: String
>
> Length Constraints: Minimum length of 0. Maximum length of 1000.
>
> Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

> You don't have sufficient access to perform this operation.
>
> HTTP Status Code: 403

ConflictException

> Updating or deleting a resource causes an inconsistent state.
>
> HTTP Status Code: 409

InternalServerException

> The request processing has failed because of an unknown error, exception or failure.
>
> HTTP Status Code: 500

ResourceNotFoundException

> Request references a resource which doesn't exist.
>
> HTTP Status Code: 404

ThrottlingException

> The request was denied due to request throttling.
>
> HTTP Status Code: 429

ValidationException

> The input fails to satisfy the constraints specified by an AWS service.
>
> HTTP Status Code: 400

Examples

Example

This example illustrates one usage of StartIncident.

Sample Request

```
POST /startIncident HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.start-incident
X-Amz-Date: 20210811T181411Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=AKIAIOSFODNN7EXAMPLE
Content-Length: 144

{
 "responsePlanArn": "arn:aws:ssm-incidents::111122223333:response-plan/example-response",
 "clientToken": "aa1b2cde-27e3-42ff-9cac-99380EXAMPLE"
}
```

Sample Response

```
{
    "incidentRecordArn": "arn:aws:ssm-incidents::111122223333:incident-record/example-
response/1abd9b35-ff4c-eb47-f20f-712a6c4c88cc"
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

TagResource

Service: AWS Systems Manager Incident Manager

Adds a tag to a response plan.

Request Syntax

```
POST /tags/resourceArn HTTP/1.1
Content-type: application/json

{
    "tags": {
        "string" : "string"
    }
}
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn (p. 75)

> The Amazon Resource Name (ARN) of the response plan you're adding the tags to.
>
> Required: Yes

Request Body

The request accepts the following data in JSON format.

tags (p. 75)

> A list of tags that you are adding to the response plan.
>
> Type: String to string map
>
> Map Entries: Maximum number of 50 items.
>
> Key Length Constraints: Minimum length of 1. Maximum length of 128.
>
> Key Pattern: ^(?!aws:)[A-Za-z0-9 _=@:.+-/]+$
>
> Value Length Constraints: Minimum length of 0. Maximum length of 256.
>
> Value Pattern: ^[A-Za-z0-9 _=@:.+-/]*$
>
> Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

ConflictException

Updating or deleting a resource causes an inconsistent state.

HTTP Status Code: 409

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ServiceQuotaExceededException

Request would cause a service quota to be exceeded.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of TagResource.

Sample Request

```
POST /tags/arn%3Aaws%3Assm-incidents%3A%111122223333%3Aresponse-plan%2Fexample-response
 HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.tag-resource
X-Amz-Date: 20210811T173902Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 25
```

```
{
 "tags": {"group1": "1"}
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UntagResource

Service: AWS Systems Manager Incident Manager

Removes a tag from a resource.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

resourceArn (p. 78)

> The Amazon Resource Name (ARN) of the response plan you're removing a tag from.
>
> Required: Yes

tagKeys (p. 78)

> The name of the tag you're removing from the response plan.
>
> Array Members: Minimum number of 1 item. Maximum number of 50 items.
>
> Length Constraints: Minimum length of 1. Maximum length of 128.
>
> Pattern: `^(?!aws:)[A-Za-z0-9 _=@:.+-/]+$`
>
> Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

> You don't have sufficient access to perform this operation.
>
> HTTP Status Code: 403

ConflictException

> Updating or deleting a resource causes an inconsistent state.

HTTP Status Code: 409

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of UntagResource.

Sample Request

```
DELETE /tags/arn%3Aaws%3Assm-incidents%3A%111122223333%3Aresponse-plan%2Fexample-response?
tagKeys=group1 HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.untag-resource
X-Amz-Date: 20210811T182227Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 0
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript

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

UpdateDeletionProtection

Service: AWS Systems Manager Incident Manager

Update deletion protection to either allow or deny deletion of the final Region in a replication set.

Request Syntax

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

{
   "arn": "string",
   "clientToken": "string",
   "deletionProtected": boolean
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

arn (p. 81)

> The Amazon Resource Name (ARN) of the replication set you're updating.
>
> Type: String
>
> Length Constraints: Minimum length of 0. Maximum length of 1000.
>
> Pattern: ^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$
>
> Required: Yes

clientToken (p. 81)

> A token ensuring that the operation is called only once with the specified details.
>
> Type: String
>
> Length Constraints: Minimum length of 0. Maximum length of 128.
>
> Required: No

deletionProtected (p. 81)

> Details if deletion protection is enabled or disabled in your account.
>
> Type: Boolean
>
> Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of UpdateDeletionProtection.

Sample Request

```
POST /updateDeletionProtection HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.update-deletion-protection
X-Amz-Date: 20210811T183059Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 181


{
 "arn": "arn:aws:ssm-incidents::111122223333:replication-set/40bd98f0-4110-2dee-b35e-
b87006f9e172",
 "deletionProtected": true,
 "clientToken": "aa1b2cde-27e3-42ff-9cac-99380EXAMPLE"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateIncidentRecord

Service: AWS Systems Manager Incident Manager

Update the details of an incident record. You can use this operation to update an incident record from the defined chat channel. For more information about using actions in chat channels, see Interacting through chat.

Request Syntax

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

{
   "arn": "string",
   "chatChannel": {
      "chatbotSns": [ "string" ],
      "empty": {
      }
   },
   "clientToken": "string",
   "impact": number,
   "notificationTargets": [
      {
         "snsTopicArn": "string"
      }
   ],
   "status": "string",
   "summary": "string",
   "title": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

arn (p. 84)

> The Amazon Resource Name (ARN) of the incident record you are updating.
>
> Type: String
>
> Length Constraints: Minimum length of 0. Maximum length of 1000.
>
> Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`
>
> Required: Yes

chatChannel (p. 84)

> The AWS Chatbot chat channel where responders can collaborate.
>
> Type: ChatChannel (p. 204) object
>
> Required: No

clientToken (p. 84)

> A token that ensures that the operation is called only once with the specified details.

Type: String

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

Required: No

impact (p. 84)

Defines the impact of the incident to customers and applications. Providing an impact overwrites the impact provided by the response plan.

Possible impacts:

- `1` - Critical impact, full application failure that impacts many to all customers.
- `2` - High impact, partial application failure with impact to many customers.
- `3` - Medium impact, the application is providing reduced service to customers.
- `4` - Low impact, customer aren't impacted by the problem yet.
- `5` - No impact, customers aren't currently impacted but urgent action is needed to avoid impact.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 5.

Required: No

notificationTargets (p. 84)

The Amazon SNS targets that are notified when updates are made to an incident.

Using multiple SNS topics creates redundancy in the event that a Region is down during the incident.

Type: Array of NotificationTargetItem (p. 223) objects

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

Required: No

status (p. 84)

The status of the incident. An incident can be `Open` or `Resolved`.

Type: String

Valid Values: `OPEN | RESOLVED`

Required: No

summary (p. 84)

A longer description of what occurred during the incident.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4000.

Required: No

title (p. 84)

A brief description of the incident.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

Required: No

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

ConflictException

Updating or deleting a resource causes an inconsistent state.

HTTP Status Code: 409

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of UpdateIncidentRecord.

Sample Request

```
POST /updateIncidentRecord HTTP/1.1
```

```
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.update-incident-record
X-Amz-Date: 20210811T184336Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 193

{
 "arn": "arn:aws:ssm-incidents::111122223333:incident-record/example-response/1abd9b35-
ff4c-eb47-f20f-712a6c4c88cc",
 "status": "RESOLVED",
 "clientToken": "aa1b2cde-27e3-42ff-9cac-99380EXAMPLE"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateRelatedItems

Service: AWS Systems Manager Incident Manager

Add or remove related items from the related items tab of an incident record.

Request Syntax

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

{
   "clientToken": "string",
   "incidentRecordArn": "string",
   "relatedItemsUpdate": {
      "itemToAdd": {
         "identifier": {
            "type": "string",
            "value": {
               "arn": "string",
               "metricDefinition": "string",
               "url": "string"
            }
         },
         "title": "string"
      },
      "itemToRemove": {
         "type": "string",
         "value": {
            "arn": "string",
            "metricDefinition": "string",
            "url": "string"
         }
      }
   }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

clientToken (p. 88)

A token ensuring that the operation is called only once with the specified details.

Type: String

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

Required: No

incidentRecordArn (p. 88)

The Amazon Resource Name (ARN) of the incident record containing the related items you are updating.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

relatedItemsUpdate (p. 88)

Details about the item you are adding or deleting.

Type: RelatedItemsUpdate (p. 227) object

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

ConflictException

Updating or deleting a resource causes an inconsistent state.

HTTP Status Code: 409

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of UpdateRelatedItems.

Sample Request

```
POST /updateRelatedItems HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.update-related-items
X-Amz-Date: 20210811T185139Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 325

{
 "incidentRecordArn": "arn:aws:ssm-incidents::111122223333:incident-record/example-
response/64bd9b45-1d0e-2622-840d-03a87a1451fa",
 "relatedItemsUpdate": {
  "itemToRemove": {
   "type": "PARENT",
   "value": {"arn": "arn:aws:ssm:us-east-1:111122223333:opsItem/oi-86700a5297dc"}
  }
 },
 "clientToken": "aa1b2cde-27e3-42ff-9cac-99380EXAMPLE"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateReplicationSet

Service: AWS Systems Manager Incident Manager

Add or delete Regions from your replication set.

Request Syntax

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

{
   "actions": [
      {
         "addRegionAction": {
            "regionName": "string",
            "sseKmsKeyId": "string"
         },
         "deleteRegionAction": {
            "regionName": "string"
         }
      }
   ],
   "arn": "string",
   "clientToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

actions (p. 91)

An action to add or delete a Region.

Type: Array of UpdateReplicationSetAction (p. 237) objects

Array Members: Fixed number of 1 item.

Required: Yes

arn (p. 91)

The Amazon Resource Name (ARN) of the replication set you're updating.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

clientToken (p. 91)

A token ensuring that the operation is called only once with the specified details.

Type: String

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

Required: No

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

ConflictException

Updating or deleting a resource causes an inconsistent state.

HTTP Status Code: 409

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of UpdateReplicationSet.

Sample Request

```
POST /updateReplicationSet HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.update-replication-set
X-Amz-Date: 20210811T202020Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 220

{
 "actions": [
  {
   "deleteRegionAction": {
    "regionName": "us-east-2"
   }
  }
 ],
 "arn": "arn:aws:ssm-incidents::111122223333:replication-set/40bd98f0-4110-2dee-b35e-
b87006f9e172",
 "clientToken": "aa1b2cde-27e3-42ff-9cac-99380EXAMPLE"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateResponsePlan

Service: AWS Systems Manager Incident Manager

Updates the specified response plan.

Request Syntax

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

{
   "actions": [
      {
         "ssmAutomation": {
            "documentName": "string",
            "documentVersion": "string",
            "dynamicParameters": {
               "string" : {
                  "variable": "string"
               }
            },
            "parameters": {
               "string" : [ "string" ]
            },
            "roleArn": "string",
            "targetAccount": "string"
         }
      }
   ],
   "arn": "string",
   "chatChannel": {
      "chatbotSns": [ "string" ],
      "empty": {
      }
   },
   "clientToken": "string",
   "displayName": "string",
   "engagements": [ "string" ],
   "incidentTemplateDedupeString": "string",
   "incidentTemplateImpact": number,
   "incidentTemplateNotificationTargets": [
      {
         "snsTopicArn": "string"
      }
   ],
   "incidentTemplateSummary": "string",
   "incidentTemplateTitle": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

actions (p. 94)

The actions that this response plan takes at the beginning of an incident.

Type: Array of Action (p. 200) objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: No

arn (p. 94)

The Amazon Resource Name (ARN) of the response plan.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

chatChannel (p. 94)

The AWS Chatbot chat channel used for collaboration during an incident.

Use the empty structure to remove the chat channel from the response plan.

Type: ChatChannel (p. 204) object

Required: No

clientToken (p. 94)

A token ensuring that the operation is called only once with the specified details.

Type: String

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

Required: No

displayName (p. 94)

The long format name of the response plan. The display name can't contain spaces.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

Required: No

engagements (p. 94)

The contacts and escalation plans that Incident Manager engages at the start of the incident.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

Pattern: `^arn:aws(-cn|-us-gov)?:ssm-contacts:[a-z0-9-]*:([0-9]{12}):contact/`
`[a-z0-9_-]+$`

Required: No

incidentTemplateDedupeString (p. 94)

The string Incident Manager uses to prevent duplicate incidents from being created by the same incident in the same account.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Required: No

incidentTemplateImpact (p. 94)

Defines the impact to the customers. Providing an impact overwrites the impact provided by a response plan.

Possible impacts:

- `5` - Severe impact
- `4` - High impact
- `3` - Medium impact
- `2` - Low impact
- `1` - No impact

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 5.

Required: No

incidentTemplateNotificationTargets (p. 94)

The Amazon SNS targets that are notified when updates are made to an incident.

Type: Array of NotificationTargetItem (p. 223) objects

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

Required: No

incidentTemplateSummary (p. 94)

A brief summary of the incident. This typically contains what has happened, what's currently happening, and next steps.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4000.

Required: No

incidentTemplateTitle (p. 94)

The short format name of the incident. The title can't contain spaces.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

Required: No

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

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

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403

ConflictException

Updating or deleting a resource causes an inconsistent state.

HTTP Status Code: 409

InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of UpdateResponsePlan.

Sample Request

```
POST /updateResponsePlan HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.update-response-plan
X-Amz-Date: 20210811T202606Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 162
```

```
{
 "arn": "arn:aws:ssm-incidents::111122223333:response-plan/example-response",
 "chatChannel": {"empty": {}},
 "clientToken": "aa1b2cde-27e3-42ff-9cac-99380EXAMPLE"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateTimelineEvent

Service: AWS Systems Manager Incident Manager

Updates a timeline event. You can update events of type `Custom Event`.

Request Syntax

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

{
   "clientToken": "string",
   "eventData": "string",
   "eventId": "string",
   "eventTime": number,
   "eventType": "string",
   "incidentRecordArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

clientToken (p. 99)

> A token ensuring that the operation is called only once with the specified details.
>
> Type: String
>
> Length Constraints: Minimum length of 0. Maximum length of 128.
>
> Required: No

eventData (p. 99)

> A short description of the event.
>
> Type: String
>
> Length Constraints: Minimum length of 0. Maximum length of 6000.
>
> Required: No

eventId (p. 99)

> The ID of the event you are updating. You can find this by using `ListTimelineEvents`.
>
> Type: String
>
> Length Constraints: Minimum length of 0. Maximum length of 50.
>
> Required: Yes

eventTime (p. 99)

> The time that the event occurred.

Type: Timestamp

Required: No
eventType (p. 99)

The type of the event. You can update events of type `Custom Event`.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 100.

Required: No
incidentRecordArn (p. 99)

The Amazon Resource Name (ARN) of the incident that includes the timeline event.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 403
ConflictException

Updating or deleting a resource causes an inconsistent state.

HTTP Status Code: 409
InternalServerException

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500
ResourceNotFoundException

Request references a resource which doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of UpdateTimelineEvent.

Sample Request

```
POST /updateTimelineEvent HTTP/1.1
Host: ssm-incidents.us-east-1.amazonaws.com
Accept-Encoding: identity
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-incidents.update-timeline-event
X-Amz-Date: 20210811T203312Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210811/us-east-1/ssm-
incidents/aws4_request, SignedHeaders=host;x-amz-date, Signature=39c3b3042cd2aEXAMPLE
Content-Length: 261

{
 "eventId": "a4bd9b45-1fcf-64c3-9d53-121d0f53a7ec",
 "eventTime": 1621620657,
 "incidentRecordArn": "arn:aws:ssm-incidents::111122223333:incident-record/example-
response/64bd9b45-1d0e-2622-840d-03a87a1451fa",
 "clientToken": "aa1b2cde-27e3-42ff-9cac-99380EXAMPLE"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

AWS Systems Manager Incident Manager Contacts

The following actions are supported by AWS Systems Manager Incident Manager Contacts:

AcceptPage

Service: AWS Systems Manager Incident Manager Contacts

Used to acknowledge an engagement to a contact channel during an incident.

Request Syntax

```
{
    "AcceptCode": "string",
    "AcceptCodeValidation": "string",
    "AcceptType": "string",
    "ContactChannelId": "string",
    "Note": "string",
    "PageId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common
Parameters (p. 256).

The request accepts the following data in JSON format.

AcceptCode (p. 103)

The accept code is a 6-digit code used to acknowledge the page.

Type: String

Length Constraints: Minimum length of 6. Maximum length of 10.

Pattern: `^[0-9]*$`

Required: Yes

AcceptCodeValidation (p. 103)

An optional field that Incident Manager uses to `ENFORCE` `AcceptCode` validation when
acknowledging an page. Acknowledgement can occur by replying to a page, or when entering the
AcceptCode in the console. Enforcing AcceptCode validation causes Incident Manager to verify that
the code entered by the user matches the code sent by Incident Manager with the page.

Incident Manager can also `IGNORE` `AcceptCode` validation. Ignoring `AcceptCode` validation causes
Incident Manager to accept any value entered for the `AcceptCode`.

Type: String

Valid Values: `IGNORE | ENFORCE`

Required: No

AcceptType (p. 103)

The type indicates if the page was `DELIVERED` or `READ`.

Type: String

Valid Values: `DELIVERED | READ`

Required: Yes

ContactChannelId (p. 103)

The ARN of the contact channel.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: No

Note (p. 103)

Information provided by the user when the user acknowledges the page.

Type: String

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

Pattern: `^[.\s\S]*$`

Required: No

PageId (p. 103)

The Amazon Resource Name (ARN) of the engagement to a contact channel.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

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 (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of AcceptPage.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.AcceptPage
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.accept-page
X-Amz-Date: 20210816T191158Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210816/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 151

{
 "PageId": "arn:aws:ssm-contacts:us-east-1:111122223333:page/akuam/2f92b456-2350-442b-95e7-
ed8b09c0b4ac",
 "AcceptType": "READ",
 "AcceptCode": "425440"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python

- AWS SDK for Ruby V3

ActivateContactChannel

Service: AWS Systems Manager Incident Manager Contacts

Activates a contact's contact channel. Incident Manager can't engage a contact until the contact channel has been activated.

Request Syntax

```
{
   "ActivationCode": "string",
   "ContactChannelId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

ActivationCode (p. 107)

The code sent to the contact channel when it was created in the contact.

Type: String

Length Constraints: Minimum length of 6. Maximum length of 10.

Pattern: `^[0-9]*$`

Required: Yes

ContactChannelId (p. 107)

The Amazon Resource Name (ARN) of the contact channel.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

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 (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ActivateContactChannel.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.ActivateContactChannel
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.activate-contact-channel
X-Amz-Date: 20210812T183313Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210812/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 154

{
 "ContactChannelId": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-channel/akuam/
e5bd2c57-406a-487f-8d26-7c032bc0139c",
 "ActivationCode": "345140"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateContact

Service: AWS Systems Manager Incident Manager Contacts

Contacts are either the contacts that Incident Manager engages during an incident or the escalation plans that Incident Manager uses to engage contacts in phases during an incident.

Request Syntax

```
{
   "Alias": "string",
   "DisplayName": "string",
   "IdempotencyToken": "string",
   "Plan": {
      "Stages": [
         {
            "DurationInMinutes": number,
            "Targets": [
               {
                  "ChannelTargetInfo": {
                     "ContactChannelId": "string",
                     "RetryIntervalInMinutes": number
                  },
                  "ContactTargetInfo": {
                     "ContactId": "string",
                     "IsEssential": boolean
                  }
               }
            ]
         }
      ]
   },
   "Tags": [
      {
         "Key": "string",
         "Value": "string"
      }
   ],
   "Type": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

Alias (p. 110)

The short name to quickly identify a contact or escalation plan. The contact alias must be unique and identifiable.

Type: String

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

Pattern: ^[a-z0-9_\-]*$

Required: Yes

DisplayName (p. 110)

The full name of the contact or escalation plan.

Type: String

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

Pattern: `^[\p{L}\p{Z}\p{N}_.\-]*$`

Required: No

IdempotencyToken (p. 110)

A token ensuring that the operation is called only once with the specified details.

Type: String

Length Constraints: Maximum length of 2048.

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

Required: No

Plan (p. 110)

A list of stages. A contact has an engagement plan with stages that contact specified contact channels. An escalation plan uses stages that contact specified contacts.

Type: Plan (p. 249) object

Required: Yes

Tags (p. 110)

Adds a tag to the target. You can only tag resources created in the first Region of your replication set.

Type: Array of Tag (p. 252) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Required: No

Type (p. 110)

To create an escalation plan use `ESCALATION`. To create a contact use `PERSONAL`.

Type: String

Valid Values: `PERSONAL | ESCALATION`

Required: Yes

Response Syntax

```
{
    "ContactArn": "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.

ContactArn (p. 111)

The Amazon Resource Name (ARN) of the created contact or escalation plan.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

ConflictException

Updating or deleting a resource causes an inconsistent state.

HTTP Status Code: 400

DataEncryptionException

The operation failed to due an encryption key error.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ServiceQuotaExceededException

Request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of CreateContact.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.CreateContact
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.create-contact
X-Amz-Date: 20210812T172928Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210812/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=AKIAIOSFODNN7EXAMPLE
Content-Length: 151

{
 "Alias": "akuam",
 "DisplayName": "Akua Mansa",
 "Type": "PERSONAL",
 "Plan": {
  "Stages": []
 },
 "IdempotencyToken": "5b03013e-6255-404c-a673-1aa1060969a7"
}
```

Sample Response

```
{
    "ContactArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam"
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateContactChannel

Service: AWS Systems Manager Incident Manager Contacts

A contact channel is the method that Incident Manager uses to engage your contact.

Request Syntax

```
{
    "ContactId": "string",
    "DeferActivation": boolean,
    "DeliveryAddress": {
        "SimpleAddress": "string"
    },
    "IdempotencyToken": "string",
    "Name": "string",
    "Type": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

ContactId (p. 114)

The Amazon Resource Name (ARN) of the contact you are adding the contact channel to.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

DeferActivation (p. 114)

If you want to activate the channel at a later time, you can choose to defer activation. Incident Manager can't engage your contact channel until it has been activated.

Type: Boolean

Required: No

DeliveryAddress (p. 114)

The details that Incident Manager uses when trying to engage the contact channel. The format is dependent on the type of the contact channel. The following are the expected formats:

- SMS - '+' followed by the country code and phone number
- VOICE - '+' followed by the country code and phone number
- EMAIL - any standard email format

Type: ContactChannelAddress (p. 243) object

Required: Yes

IdempotencyToken (p. 114)

A token ensuring that the operation is called only once with the specified details.

Type: String

Length Constraints: Maximum length of 2048.

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

Required: No

Name (p. 114)

The name of the contact channel.

Type: String

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

Pattern: `^[\p{L}\p{Z}\p{N}_.\-]*$`

Required: Yes

Type (p. 114)

Incident Manager supports three types of contact channels:

- `SMS`
- `VOICE`
- `EMAIL`

Type: String

Valid Values: `SMS | VOICE | EMAIL`

Required: Yes

Response Syntax

```
{
   "ContactChannelArn": "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.

ContactChannelArn (p. 115)

The Amazon Resource Name (ARN) of the contact channel.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=
\/,.@:-]+)*`

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

ConflictException

Updating or deleting a resource causes an inconsistent state.

HTTP Status Code: 400

DataEncryptionException

The operation failed to due an encryption key error.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of CreateContactChannel.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.CreateContactChannel
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.create-contact-channel
X-Amz-Date: 20210812T174315Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210812/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 229

{
 "ContactId": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam",
```

```
 "Name": "akuas sms-test",
 "Type": "SMS",
 "DeliveryAddress": {"SimpleAddress": "+15005550199"},
 "IdempotencyToken": "922b8f50-9bb9-4dd7-83cf-a4c2593dec60"
}
```

Sample Response

```
{
    "ContactChannelArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-channel/
akuam/e5bd2c57-406a-487f-8d26-7c032bc0139c"
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeactivateContactChannel

Service: AWS Systems Manager Incident Manager Contacts

To no longer receive Incident Manager engagements to a contact channel, you can deactivate the channel.

Request Syntax

```
{
    "ContactChannelId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

ContactChannelId (p. 118)

The Amazon Resource Name (ARN) of the contact channel you're deactivating.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

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 (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of DeactivateContactChannel.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.DeactivateContactChannel
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.deactivate-contact-channel
X-Amz-Date: 20210817T184424Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210817/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 126

{
 "ContactChannelId": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-channel/akuam/
e5bd2c57-406a-487f-8d26-7c032bc0139c"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteContact

Service: AWS Systems Manager Incident Manager Contacts

To remove a contact from Incident Manager, you can delete the contact. Deleting a contact removes them from all escalation plans and related response plans. Deleting an escalation plan removes it from all related response plans. You will have to recreate the contact and its contact channels before you can use it again.

Request Syntax

```
{
    "ContactId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

ContactId (p. 120)

The Amazon Resource Name (ARN) of the contact that you're deleting.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

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 (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of DeleteContact.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.DeleteContact
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.delete-contact
X-Amz-Date: 20210817T184920Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210817/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 74


{
 "ContactId": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteContactChannel

Service: AWS Systems Manager Incident Manager Contacts

To no longer receive engagements on a contact channel, you can delete the channel from a contact. Deleting the contact channel removes it from the contact's engagement plan. If you delete the only contact channel for a contact, you won't be able to engage that contact during an incident.

Request Syntax

```
{
    "ContactChannelId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

ContactChannelId (p. 123)

The Amazon Resource Name (ARN) of the contact channel.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

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 (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of DeleteContactChannel.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.DeleteContactChannel
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.delete-contact-channel
X-Amz-Date: 20210817T184639Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210817/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 126

{
 "ContactChannelId": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-channel/akuam/
e5bd2c57-406a-487f-8d26-7c032bc0139c"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeEngagement

Service: AWS Systems Manager Incident Manager Contacts

Incident Manager uses engagements to engage contacts and escalation plans during an incident. Use this command to describe the engagement that occurred during an incident.

Request Syntax

```
{
    "EngagementId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

EngagementId (p. 125)

The Amazon Resource Name (ARN) of the engagement you want the details of.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

Response Syntax

```
{
    "ContactArn": "string",
    "Content": "string",
    "EngagementArn": "string",
    "IncidentId": "string",
    "PublicContent": "string",
    "PublicSubject": "string",
    "Sender": "string",
    "StartTime": number,
    "StopTime": number,
    "Subject": "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.

ContactArn (p. 125)

The ARN of the escalation plan or contacts involved in the engagement.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Content (p. 125)

The secure content of the message that was sent to the contact. Use this field for engagements to `VOICE` and `EMAIL`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Pattern: `^[.\s\S]*$`

EngagementArn (p. 125)

The ARN of the engagement.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

IncidentId (p. 125)

The ARN of the incident in which the engagement occurred.

Type: String

Length Constraints: Maximum length of 1024.

Pattern: `^[\\a-zA-Z0-9_@#%*+=:?.\/!\s-]*$`

PublicContent (p. 125)

The insecure content of the message that was sent to the contact. Use this field for engagements to `SMS`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Pattern: `^[.\s\S]*$`

PublicSubject (p. 125)

The insecure subject of the message that was sent to the contact. Use this field for engagements to `SMS`.

Type: String

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

Pattern: `^[.\s\S]*$`

Sender (p. 125)

The user that started the engagement.

Type: String

Length Constraints: Maximum length of 255.

Pattern: `^[\\a-zA-Z0-9_@#%*+=:?.\/!\s-]*$`

StartTime (p. 125)

The time that the engagement started.

Type: Timestamp

StopTime (p. 125)

The time that the engagement ended.

Type: Timestamp

Subject (p. 125)

The secure subject of the message that was sent to the contact. Use this field for engagements to `VOICE` and `EMAIL`.

Type: String

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

Pattern: `^[.\s\S]*$`

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

DataEncryptionException

The operation failed to due an encryption key error.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of DescribeEngagement.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.DescribeEngagement
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.describe-engagement
X-Amz-Date: 20210816T192348Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210816/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 132


{
 "EngagementId": "arn:aws:ssm-contacts:us-east-1:111122223333:engagement/
test_escalation_plan/27bd86cf-6d50-49d2-a9ab-da39bb8065f2"
}
```

Sample Response

```
{
    "ContactArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/
test_escalation_plan",
    "EngagementArn": "arn:aws:ssm-contacts:us-east-1:111122223333:engagement/
test_escalation_plan/27bd86cf-6d50-49d2-a9ab-da39bb8065f2",
    "Sender": "cli",
    "Subject": "cli-test",
    "Content": "Testing engagements via CLI",
    "PublicSubject": "cli-test",
    "PublicContent": "Testing engagements va CLI",
    "StartTime": "2021-08-16T18:48:50.153000+00:00"
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribePage

Service: AWS Systems Manager Incident Manager Contacts

Lists details of the engagement to a contact channel.

Request Syntax

```
{
    "PageId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

PageId (p. 129)

> The ID of the engagement to a contact channel.
>
> Type: String
>
> Length Constraints: Minimum length of 1. Maximum length of 2048.
>
> Pattern: arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*
>
> Required: Yes

Response Syntax

```
{
    "ContactArn": "string",
    "Content": "string",
    "DeliveryTime": number,
    "EngagementArn": "string",
    "IncidentId": "string",
    "PageArn": "string",
    "PublicContent": "string",
    "PublicSubject": "string",
    "ReadTime": number,
    "Sender": "string",
    "SentTime": number,
    "Subject": "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.

ContactArn (p. 129)

> The ARN of the contact that was engaged.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Content (p. 129)

The secure content of the message that was sent to the contact. Use this field for engagements to `VOICE` and `EMAIL`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Pattern: `^[.\s\S]*$`

DeliveryTime (p. 129)

The time that the contact channel received the engagement.

Type: Timestamp

EngagementArn (p. 129)

The ARN of the engagement that engaged the contact channel.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

IncidentId (p. 129)

The ARN of the incident that engaged the contact channel.

Type: String

Length Constraints: Maximum length of 1024.

Pattern: `^[\\a-zA-Z0-9_@#%*+=:?.\/!\s-]*$`

PageArn (p. 129)

The Amazon Resource Name (ARN) of the engagement to a contact channel.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

PublicContent (p. 129)

The insecure content of the message that was sent to the contact. Use this field for engagements to `SMS`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Pattern: `^[.\s\S]*$`

PublicSubject (p. 129)

The insecure subject of the message that was sent to the contact. Use this field for engagements to SMS.

Type: String

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

Pattern: `^[.\s\S]*$`

ReadTime (p. 129)

The time that the contact channel acknowledged the engagement.

Type: Timestamp

Sender (p. 129)

The user that started the engagement.

Type: String

Length Constraints: Maximum length of 255.

Pattern: `^[\\a-zA-Z0-9_@#%*+=:?.\/!\s-]*$`

SentTime (p. 129)

The time the engagement was sent to the contact channel.

Type: Timestamp

Subject (p. 129)

The secure subject of the message that was sent to the contact. Use this field for engagements to VOICE and EMAIL.

Type: String

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

Pattern: `^[.\s\S]*$`

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

DataEncryptionException

The operation failed to due an encryption key error.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of DescribePage.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.DescribePage
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.describe-page
X-Amz-Date: 20210816T193722Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210816/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 105


{
 "PageId": "arn:aws:ssm-contacts:us-east-1:111122223333:page/akuam/2f92b456-2350-442b-95e7-
ed8b09c0b4ac"
}
```

Sample Response

```
{
    "PageArn": "arn:aws:ssm-contacts:us-east-1:111122223333:page/
akuam/2f92b456-2350-442b-95e7-ed8b09c0b4ac",
    "EngagementArn": "arn:aws:ssm-contacts:us-east-1:111122223333:engagement/
akuam/27bd86cf-6d50-49d2-a9ab-da39bb8065f2",
    "ContactArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam",
    "Sender": "cli",
    "Subject": "cli-test",
    "Content": "Testing engagements via CLI",
    "PublicSubject": "cli-test",
    "PublicContent": "Testing engagements va CLI",
    "SentTime": "2021-08-16T18:57:52.058000+00:00",
    "ReadTime": "2021-08-16T19:11:58.746000+00:00"
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetContact

Service: AWS Systems Manager Incident Manager Contacts

Retrieves information about the specified contact or escalation plan.

Request Syntax

```
{
    "ContactId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

ContactId (p. 134)

The Amazon Resource Name (ARN) of the contact or escalation plan.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

Response Syntax

```
{
    "Alias": "string",
    "ContactArn": "string",
    "DisplayName": "string",
    "Plan": {
        "Stages": [
            {
                "DurationInMinutes": number,
                "Targets": [
                    {
                        "ChannelTargetInfo": {
                            "ContactChannelId": "string",
                            "RetryIntervalInMinutes": number
                        },
                        "ContactTargetInfo": {
                            "ContactId": "string",
                            "IsEssential": boolean
                        }
                    }
                ]
            }
        ]
    },
    "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.

Alias (p. 134)

The alias of the contact or escalation plan. The alias is unique and identifiable.

Type: String

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

Pattern: `^[a-z0-9_\-]*$`

ContactArn (p. 134)

The ARN of the contact or escalation plan.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

DisplayName (p. 134)

The full name of the contact or escalation plan.

Type: String

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

Pattern: `^[\p{L}\p{Z}\p{N}_.\-]*$`

Plan (p. 134)

Details about the specific timing or stages and targets of the escalation plan or engagement plan.

Type: Plan (p. 249) object

Type (p. 134)

The type of contact, either `PERSONAL` or `ESCALATION`.

Type: String

Valid Values: `PERSONAL | ESCALATION`

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

DataEncryptionException

The operation failed to due an encryption key error.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of GetContact.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.GetContact
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.get-contact
X-Amz-Date: 20210816T210534Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210816/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 74

{
 "ContactId": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam"
}
```

Sample Response

```
{
    "ContactArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam",
    "Alias": "akuam",
    "DisplayName": "Akua Mansa",
    "Type": "PERSONAL",
    "Plan": {
        "Stages": [
            {
                "DurationInMinutes": 5,
                "Targets": [
```

```
                {
                    "ChannelTargetInfo": {
                        "ContactChannelId": "arn:aws:ssm-contacts:us-
east-1:111122223333:contact-channel/akuam/31111aa5-9b84-4591-a5a6-5a8f9b55b2bc",
                        "RetryIntervalInMinutes": 1
                    }
                }
            ]
        },
        {
            "DurationInMinutes": 5,
            "Targets": [
                {
                    "ChannelTargetInfo": {
                        "ContactChannelId": "arn:aws:ssm-contacts:us-
east-1:111122223333:contact-channel/akuam/e5bd2c57-406a-487f-8d26-7c032bc0139c",
                        "RetryIntervalInMinutes": 1
                    }
                }
            ]
        }
    ]
    }
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetContactChannel

Service: AWS Systems Manager Incident Manager Contacts

List details about a specific contact channel.

Request Syntax

```
{
    "ContactChannelId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common
Parameters (p. 256).

The request accepts the following data in JSON format.

ContactChannelId (p. 138)

The Amazon Resource Name (ARN) of the contact channel you want information about.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=
\/,.@:-]+)*`

Required: Yes

Response Syntax

```
{
    "ActivationStatus": "string",
    "ContactArn": "string",
    "ContactChannelArn": "string",
    "DeliveryAddress": {
        "SimpleAddress": "string"
    },
    "Name": "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.

ActivationStatus (p. 138)

A Boolean value indicating if the contact channel has been activated or not.

Type: String

Valid Values: `ACTIVATED | NOT_ACTIVATED`

ContactArn (p. 138)

The ARN of the contact that the channel belongs to.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

ContactChannelArn (p. 138)

The ARN of the contact channel.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

DeliveryAddress (p. 138)

The details that Incident Manager uses when trying to engage the contact channel.

Type: ContactChannelAddress (p. 243) object

Name (p. 138)

The name of the contact channel

Type: String

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

Pattern: `^[\p{L}\p{Z}\p{N}_.\-]*$`

Type (p. 138)

The type of contact channel. The type is `SMS`, `VOICE`, or `EMAIL`.

Type: String

Valid Values: `SMS | VOICE | EMAIL`

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

DataEncryptionException

The operation failed to due an encryption key error.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of GetContactChannel.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.GetContactChannel
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.get-contact-channel
X-Amz-Date: 20210816T211314Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210816/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 126

{
 "ContactChannelId": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-channel/akuam/
e5bd2c57-406a-487f-8d26-7c032bc0139c"
}
```

Sample Response

```
{
    "ContactArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam",
    "ContactChannelArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-channel/
akuam/e5bd2c57-406a-487f-8d26-7c032bc0139c",
    "Name": "akuas voice channel",
    "Type": "SMS",
    "DeliveryAddress": {
        "SimpleAddress": "+15005550199"
    },
    "ActivationStatus": "ACTIVATED"
```

```
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

GetContactPolicy

Service: AWS Systems Manager Incident Manager Contacts

Retrieves the resource policies attached to the specified contact or escalation plan.

Request Syntax

```
{
    "ContactArn": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

ContactArn (p. 142)

The Amazon Resource Name (ARN) of the contact or escalation plan.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+= \/,.@:-]+)*`

Required: Yes

Response Syntax

```
{
    "ContactArn": "string",
    "Policy": "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.

ContactArn (p. 142)

The ARN of the contact or escalation plan.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+= \/,.@:-]+)*`

Policy (p. 142)

Details about the resource policy attached to the contact or escalation plan.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 395000.

Pattern: `.*\S.*`

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of GetContactPolicy.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.GetContactPolicy
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.get-contact-policy
X-Amz-Date: 20210816T213040Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210816/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 75

{
```

```
  "ContactArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam"
}
```

Sample Response

```
{
    "ContactArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam",
    "Policy": "{\"Version\":\"2012-10-17\",\"Statement\":[{\"Sid\":\"ExampleResourcePolicy
\",\"Effect\":\"Allow\",\"Principal\":{\"AWS\":\"444455556666\"},\"Action\":[\"ssm-
contacts:GetContact\",\"ssm-contacts:StartEngagement\",\"ssm-contacts:DescribeEngagement
\",\"ssm-contacts:ListPagesByEngagement\",\"ssm-contacts:StopEngagement\"],
\"Resource\":[\"arn:aws:ssm-contacts:*:111122223333:contact/akuam\",\"arn:aws:ssm-
contacts:*:111122223333:engagement/akuam/*\"]}]}"
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListContactChannels

Service: AWS Systems Manager Incident Manager Contacts

Lists all contact channels for the specified contact.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common
Parameters (p. 256).

The request accepts the following data in JSON format.

ContactId (p. 145)

 The Amazon Resource Name (ARN) of the contact.

 Type: String

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

 Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=`
`\/,.@:-]+)*`

 Required: Yes

MaxResults (p. 145)

 The maximum number of contact channels per page.

 Type: Integer

 Valid Range: Minimum value of 0. Maximum value of 1024.

 Required: No

NextToken (p. 145)

 The pagination token to continue to the next page of results.

 Type: String

 Length Constraints: Maximum length of 2048.

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

 Required: No

Response Syntax

```
{
```

```
    "ContactChannels": [
      {
        "ActivationStatus": "string",
        "ContactArn": "string",
        "ContactChannelArn": "string",
        "DeliveryAddress": {
            "SimpleAddress": "string"
        },
        "Name": "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.

ContactChannels (p. 145)

A list of contact channels related to the specified contact.

Type: Array of ContactChannel (p. 241) objects

NextToken (p. 145)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

DataEncryptionException

The operation failed to due an encryption key error.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListContactChannels.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.ListContactChannels
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.list-contact-channels
X-Amz-Date: 20210812T180323Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210812/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 74


{
 "ContactId": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam"
}
```

Sample Response

```
{
    "ContactChannels": [
        {
            "ContactChannelArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-
channel/akuam/31111aa5-9b84-4591-a5a6-5a8f9b55b2bc",
            "ContactArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam",
            "Name": "akuas email-test",
            "Type": "EMAIL",
            "DeliveryAddress": {
                "SimpleAddress": "akuam@example.com"
            },
            "ActivationStatus": "ACTIVATED"
        },
        {
            "ContactChannelArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-
channel/akuam/e5bd2c57-406a-487f-8d26-7c032bc0139c",
            "ContactArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam",
            "Name": "akuas sms-test",
            "Type": "SMS",
            "DeliveryAddress": {
                "SimpleAddress": "+15005550199"
```

```
            },
            "ActivationStatus": "ACTIVATED"
        }
    ]
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListContacts

Service: AWS Systems Manager Incident Manager Contacts

Lists all contacts and escalation plans in Incident Manager.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

AliasPrefix (p. 149)

Used to list only contacts who's aliases start with the specified prefix.

Type: String

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

Pattern: `^[a-z0-9_\-]*$`

Required: No

MaxResults (p. 149)

The maximum number of contacts and escalation plans per page of results.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 1024.

Required: No

NextToken (p. 149)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

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

Required: No

Type (p. 149)

The type of contact. A contact is type `PERSONAL` and an escalation plan is type `ESCALATION`.

Type: String

Valid Values: `PERSONAL | ESCALATION`

Required: No

Response Syntax

```
{
    "Contacts": [
        {
            "Alias": "string",
            "ContactArn": "string",
            "DisplayName": "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.

Contacts (p. 150)

A list of the contacts and escalation plans in your Incident Manager account.

Type: Array of Contact (p. 239) objects

NextToken (p. 150)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListContacts.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.ListContacts
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.list-contacts
X-Amz-Date: 20210816T215005Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210816/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 2

{}
```

Sample Response

```
{
    "Contacts": [
        {
            "ContactArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam",
            "Alias": "akuam",
            "DisplayName": "Akua Mansa",
            "Type": "PERSONAL"
        },
        {
            "ContactArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/
test_escalation_plan",
            "Alias": "test_escalation_plan",
            "DisplayName": "Test Escalation Plan",
            "Type": "ESCALATION"
        }
    ]
}
```

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
- AWS SDK for Java V2

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

ListEngagements

Service: AWS Systems Manager Incident Manager Contacts

Lists all engagements that have happened in an incident.

Request Syntax

```
{
    "IncidentId": "string",
    "MaxResults": number,
    "NextToken": "string",
    "TimeRangeValue": {
        "EndTime": number,
        "StartTime": number
    }
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common
Parameters (p. 256).

The request accepts the following data in JSON format.

IncidentId (p. 153)

The Amazon Resource Name (ARN) of the incident you're listing engagements for.

Type: String

Length Constraints: Maximum length of 1024.

Pattern: ^[\\a-zA-Z0-9_@#%*+=:?.\/!\s-]*$

Required: No

MaxResults (p. 153)

The maximum number of engagements per page of results.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 1024.

Required: No

NextToken (p. 153)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

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

Required: No

TimeRangeValue (p. 153)

The time range to lists engagements for an incident.

Type: TimeRange (p. 254) object

Required: No

Response Syntax

```
{
    "Engagements": [
        {
            "ContactArn": "string",
            "EngagementArn": "string",
            "IncidentId": "string",
            "Sender": "string",
            "StartTime": number,
            "StopTime": 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.

Engagements (p. 154)

A list of each engagement that occurred during the specified time range of an incident.

Type: Array of Engagement (p. 245) objects

NextToken (p. 154)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListEngagements.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.ListEngagements
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.list-engagements
X-Amz-Date: 20210816T191844Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210816/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 2

{}
```

Sample Response

```
{
    "Engagements": [
        {
            "EngagementArn": "arn:aws:ssm-contacts:us-east-1:111122223333:engagement/
test_escalation_plan/27bd86cf-6d50-49d2-a9ab-da39bb8065f2",
            "ContactArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/
test_escalation_plan",
            "Sender": "cli",
            "StartTime": "2021-08-16T18:48:50.153000+00:00"
        }
    ]
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3

- AWS SDK for Python
- AWS SDK for Ruby V3

ListPageReceipts

Service: AWS Systems Manager Incident Manager Contacts

Lists all of the engagements to contact channels that have been acknowledged.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common
Parameters (p. 256).

The request accepts the following data in JSON format.

MaxResults (p. 157)

>   The maximum number of acknowledgements per page of results.
>
>   Type: Integer
>
>   Valid Range: Minimum value of 0. Maximum value of 1024.
>
>   Required: No

NextToken (p. 157)

>   The pagination token to continue to the next page of results.
>
>   Type: String
>
>   Length Constraints: Maximum length of 2048.
>
>   Pattern: `^[\\\/a-zA-Z0-9_+=\-]*$`
>
>   Required: No

PageId (p. 157)

>   The Amazon Resource Name (ARN) of the engagement to a specific contact channel.
>
>   Type: String
>
>   Length Constraints: Minimum length of 1. Maximum length of 2048.
>
>   Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=`
>   `\/,.@:-]+)*`
>
>   Required: Yes

Response Syntax

```
{
   "NextToken": "string",
```

```
    "Receipts": [
        {
            "ContactChannelArn": "string",
            "ReceiptInfo": "string",
            "ReceiptTime": number,
            "ReceiptType": "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 (p. 157)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

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

Receipts (p. 157)

A list of each acknowledgement.

Type: Array of Receipt (p. 250) objects

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListPageReceipts.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.ListPageReceipts
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.list-page-receipts
X-Amz-Date: 20210816T223512Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210816/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 105

{
 "PageId": "arn:aws:ssm-contacts:us-east-1:111122223333:page/akuam/2f92b456-2350-442b-95e7-
ed8b09c0b4ac"
}
```

Sample Response

```
{
    "Receipts": [
        {
            "ReceiptType": "READ",
            "ReceiptTime": "2021-08-16T19:11:58.746000+00:00"
        },
        {
            "ContactChannelArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-
channel/akuam/e5bd2c57-406a-487f-8d26-7c032bc0139c",
            "ReceiptType": "SENT",
            "ReceiptTime": "2021-08-16T18:54:50.952000+00:00"
        },
        {
            "ContactChannelArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-
channel/akuam/e5bd2c57-406a-487f-8d26-7c032bc0139c",
            "ReceiptType": "SENT",
            "ReceiptTime": "2021-08-16T18:57:52.058000+00:00"
        },
        {
            "ContactChannelArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-
channel/akuam/e5bd2c57-406a-487f-8d26-7c032bc0139c",
            "ReceiptType": "SENT",
            "ReceiptTime": "2021-08-16T18:56:51.688000+00:00"
        },
        {
            "ContactChannelArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-
channel/akuam/e5bd2c57-406a-487f-8d26-7c032bc0139c",
            "ReceiptType": "SENT",
            "ReceiptTime": "2021-08-16T18:55:51.265000+00:00"
        },
        {
```

```
            "ContactChannelArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-
channel/akuam/e5bd2c57-406a-487f-8d26-7c032bc0139c",
            "ReceiptType": "SENT",
            "ReceiptTime": "2021-08-16T18:53:50.469000+00:00"
        }
    ]
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListPagesByContact

Service: AWS Systems Manager Incident Manager Contacts

Lists the engagements to a contact's contact channels.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common
Parameters (p. 256).

The request accepts the following data in JSON format.

ContactId (p. 161)

The Amazon Resource Name (ARN) of the contact you are retrieving engagements for.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=`
`\/,.@:-]+)*`

Required: Yes

MaxResults (p. 161)

The maximum number of engagements to contact channels to list per page of results.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 1024.

Required: No

NextToken (p. 161)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

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

Required: No

Response Syntax

```
{
    "NextToken": "string",
```

```
    "Pages": [
       {
          "ContactArn": "string",
          "DeliveryTime": number,
          "EngagementArn": "string",
          "IncidentId": "string",
          "PageArn": "string",
          "ReadTime": number,
          "Sender": "string",
          "SentTime": 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 (p. 161)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

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

Pages (p. 161)

The list of engagements to a contact's contact channel.

Type: Array of Page (p. 247) objects

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListPagesByContact.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.ListPagesByContact
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.list-pages-by-contact
X-Amz-Date: 20210816T190403Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210816/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 74

{
 "ContactId": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam"
}
```

Sample Response

```
{
    "Pages": [
        {
            "PageArn": "arn:aws:ssm-contacts:us-east-1:111122223333:page/
akuam/2f92b456-2350-442b-95e7-ed8b09c0b4ac",
            "EngagementArn": "arn:aws:ssm-contacts:us-east-1:111122223333:engagement/
test_escalation_plan/27bd86cf-6d50-49d2-a9ab-da39bb8065f2",
            "ContactArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam",
            "Sender": "cli",
            "SentTime": "2021-08-16T18:57:52.058000+00:00"
        }
    ]
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript

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

ListPagesByEngagement

Service: AWS Systems Manager Incident Manager Contacts

Lists the engagements to contact channels that occurred by engaging a contact.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

EngagementId (p. 165)

The Amazon Resource Name (ARN) of the engagement.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

MaxResults (p. 165)

The maximum number of engagements to contact channels to list per page of results.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 1024.

Required: No

NextToken (p. 165)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

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

Required: No

Response Syntax

```
{
    "NextToken": "string",
```

```
    "Pages": [
        {
            "ContactArn": "string",
            "DeliveryTime": number,
            "EngagementArn": "string",
            "IncidentId": "string",
            "PageArn": "string",
            "ReadTime": number,
            "Sender": "string",
            "SentTime": 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 (p. 165)

The pagination token to continue to the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

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

Pages (p. 165)

The list of engagements to contact channels.

Type: Array of Page (p. 247) objects

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListPagesByEngagement.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.ListPagesByEngagement
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.list-pages-by-engagement
X-Amz-Date: 20210817T181950Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210817/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 132

{
 "EngagementId": "arn:aws:ssm-contacts:us-east-1:111122223333:engagement/
test_escalation_plan/27bd86cf-6d50-49d2-a9ab-da39bb8065f2"
}
```

Sample Response

```
{
    "Pages": [
        {
            "PageArn": "arn:aws:ssm-contacts:us-east-1:111122223333:page/
akuam/2f92b456-2350-442b-95e7-ed8b09c0b4ac",
            "EngagementArn": "arn:aws:ssm-contacts:us-east-1:111122223333:engagement/
test_escalation_plan/27bd86cf-6d50-49d2-a9ab-da39bb8065f2",
            "ContactArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam",
            "Sender": "cli",
            "SentTime": "2021-08-16T18:57:52.058000+00:00",
            "ReadTime": "2021-08-16T19:11:58.746000+00:00"
        }
    ]
}
```

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
- AWS SDK for Java V2

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

ListTagsForResource

Service: AWS Systems Manager Incident Manager Contacts

Lists the tags of an escalation plan or contact.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common
Parameters (p. 256).

The request accepts the following data in JSON format.

ResourceARN (p. 169)

The Amazon Resource Name (ARN) of the contact or escalation plan.

Type: String

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

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 (p. 169)

The tags related to the contact or escalation plan.

Type: Array of Tag (p. 252) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListTagsForResource.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.ListTagsForResource
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.list-tags-for-resource
X-Amz-Date: 20210817T183318Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210817/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 76

{
 "ResourceARN": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam"
}
```

Sample Response

```
{
    "Tags": [
        {
            "Key": "group1",
            "Value": "1"
```

```
        }
    ]
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

PutContactPolicy

Service: AWS Systems Manager Incident Manager Contacts

Adds a resource policy to the specified contact or escalation plan. The resource policy is used to share the contact or escalation plan using AWS Resource Access Manager (AWS RAM). For more information about cross-account sharing, see Setting up cross-account functionality.

Request Syntax

```
{
    "ContactArn": "string",
    "Policy": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

ContactArn (p. 172)

The Amazon Resource Name (ARN) of the contact or escalation plan.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

Policy (p. 172)

Details of the resource policy.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 395000.

Pattern: `.*\S.*`

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 (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

ConflictException

Updating or deleting a resource causes an inconsistent state.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of PutContactPolicy.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.PutContactPolicy
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.put-contact-policy
X-Amz-Date: 20210816T212604Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210816/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 546

{
 "ContactArn": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam",
 "Policy": "{\"Version\":\"2012-10-17\",\"Statement\":[{\"Sid\":\"ExampleResourcePolicy
\",\"Action\":[\"ssm-contacts:GetContact\",\"ssm-contacts:StartEngagement\",
\"ssm-contacts:DescribeEngagement\",\"ssm-contacts:ListPagesByEngagement\",\"ssm-
contacts:StopEngagement\"],\"Principal\":{\"AWS\":\"444455556666\"},\"Effect\":\"Allow
\",\"Resource\":[\"arn:aws:ssm-contacts:*:111122223333:contact\\/akuam\",\"arn:aws:ssm-
contacts:*:111122223333:engagement\\/akuam\\/*\"]}]}"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

SendActivationCode

Service: AWS Systems Manager Incident Manager Contacts

Sends an activation code to a contact channel. The contact can use this code to activate the contact channel in the console or with the `ActivateChannel` operation. Incident Manager can't engage a contact channel until it has been activated.

Request Syntax

```
{
    "ContactChannelId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

ContactChannelId (p. 175)

The Amazon Resource Name (ARN) of the contact channel.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

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 (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

DataEncryptionException

The operation failed to due an encryption key error.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ServiceQuotaExceededException

Request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of SendActivationCode.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.SendActivationCode
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.send-activation-code
X-Amz-Date: 20210812T183251Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210812/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 126

{
 "ContactChannelId": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-channel/akuam/
e5bd2c57-406a-487f-8d26-7c032bc0139c"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

StartEngagement

Service: AWS Systems Manager Incident Manager Contacts

Starts an engagement to a contact or escalation plan. The engagement engages each contact specified in the incident.

Request Syntax

```
{
   "ContactId": "string",
   "Content": "string",
   "IdempotencyToken": "string",
   "IncidentId": "string",
   "PublicContent": "string",
   "PublicSubject": "string",
   "Sender": "string",
   "Subject": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

ContactId (p. 178)

The Amazon Resource Name (ARN) of the contact being engaged.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

Content (p. 178)

The secure content of the message that was sent to the contact. Use this field for engagements to `VOICE` or `EMAIL`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Pattern: `^[.\s\S]*$`

Required: Yes

IdempotencyToken (p. 178)

A token ensuring that the operation is called only once with the specified details.

Type: String

Length Constraints: Maximum length of 2048.

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

Required: No

IncidentId (p. 178)

The ARN of the incident that the engagement is part of.

Type: String

Length Constraints: Maximum length of 1024.

Pattern: `^[\\a-zA-Z0-9_@#%*+=:?.\/!\s-]*$`

Required: No

PublicContent (p. 178)

The insecure content of the message that was sent to the contact. Use this field for engagements to `SMS`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Pattern: `^[.\s\S]*$`

Required: No

PublicSubject (p. 178)

The insecure subject of the message that was sent to the contact. Use this field for engagements to `SMS`.

Type: String

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

Pattern: `^[.\s\S]*$`

Required: No

Sender (p. 178)

The user that started the engagement.

Type: String

Length Constraints: Maximum length of 255.

Pattern: `^[\\a-zA-Z0-9_@#%*+=:?.\/!\s-]*$`

Required: Yes

Subject (p. 178)

The secure subject of the message that was sent to the contact. Use this field for engagements to `VOICE` or `EMAIL`.

Type: String

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

Pattern: `^[.\s\S]*$`

Required: Yes

Response Syntax

```
{
    "EngagementArn": "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.

EngagementArn (p. 180)

The ARN of the engagement.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=` `\/,.@:-]+)*`

Errors

For information about the errors that are common to all actions, see Common Errors (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

DataEncryptionException

The operation failed to due an encryption key error.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of StartEngagement.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.StartEngagement
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.start-engagement
X-Amz-Date: 20210816T184849Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210816/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 307


{
 "ContactId": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/test_escalation_plan",
 "Sender": "cli",
 "Subject": "cli-test",
 "Content": "Testing engagements via CLI",
 "PublicSubject": "cli-test",
 "PublicContent": "Testing engagements va CLI",
 "IdempotencyToken": "23a2a9b9-f63b-49b1-80c6-b21df1df077f"
}
```

Sample Response

```
{
    "EngagementArn": "arn:aws:ssm-contacts:us-east-1:111122223333:engagement/
test_escalation_plan/27bd86cf-6d50-49d2-a9ab-da39bb8065f2"
}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

StopEngagement

Service: AWS Systems Manager Incident Manager Contacts

Stops an engagement before it finishes the final stage of the escalation plan or engagement plan. Further contacts aren't engaged.

Request Syntax

```
{
   "EngagementId": "string",
   "Reason": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters (p. 256).

The request accepts the following data in JSON format.

EngagementId (p. 182)

The Amazon Resource Name (ARN) of the engagement.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

Reason (p. 182)

The reason that you're stopping the engagement.

Type: String

Length Constraints: Maximum length of 255.

Pattern: `^[.\s\S]*$`

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 (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of StopEngagement.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.StopEngagement
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.stop-engagement
X-Amz-Date: 20210817T183804Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210817/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 132

{
 "EngagementId": "arn:aws:ssm-contacts:us-east-1:111122223333:engagement/
test_escalation_plan/27bd86cf-6d50-49d2-a9ab-da39bb8065f2"
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

TagResource

Service: AWS Systems Manager Incident Manager Contacts

Tags a contact or escalation plan. You can tag only contacts and escalation plans in the first region of your replication set.

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 (p. 256).

The request accepts the following data in JSON format.

ResourceARN (p. 185)

The Amazon Resource Name (ARN) of the contact or escalation plan.

Type: String

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

Required: Yes

Tags (p. 185)

A list of tags that you are adding to the contact or escalation plan.

Type: Array of Tag (p. 252) objects

Array Members: Minimum number of 0 items. Maximum number of 50 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 (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ServiceQuotaExceededException

Request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of TagResource.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.TagResource
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.tag-resource
X-Amz-Date: 20210817T183028Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210817/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 119


{
 "ResourceARN": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam",
 "Tags": [
  {
   "Key": "group1",
   "Value": "1"
  }
 ]
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UntagResource

Service: AWS Systems Manager Incident Manager Contacts

Removes tags from the specified resource.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common
Parameters (p. 256).

The request accepts the following data in JSON format.

ResourceARN (p. 188)

The Amazon Resource Name (ARN) of the contact or escalation plan.

Type: String

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

Required: Yes

TagKeys (p. 188)

The key of the tag that you want to remove.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 50 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 (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of UntagResource.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.UntagResource
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.untag-resource
X-Amz-Date: 20210817T184036Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210817/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 99

{
 "ResourceARN": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam",
 "TagKeys": ["group1"]
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateContact

Service: AWS Systems Manager Incident Manager Contacts

Updates the contact or escalation plan specified.

Request Syntax

```
{
   "ContactId": "string",
   "DisplayName": "string",
   "Plan": {
      "Stages": [
         {
            "DurationInMinutes": number,
            "Targets": [
               {
                  "ChannelTargetInfo": {
                     "ContactChannelId": "string",
                     "RetryIntervalInMinutes": number
                  },
                  "ContactTargetInfo": {
                     "ContactId": "string",
                     "IsEssential": boolean
                  }
               }
            ]
         }
      ]
   }
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common
Parameters (p. 256).

The request accepts the following data in JSON format.

ContactId (p. 191)

The Amazon Resource Name (ARN) of the contact or escalation plan you're updating.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=`
`\/,.@:-]+)*`

Required: Yes

DisplayName (p. 191)

The full name of the contact or escalation plan.

Type: String

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

Pattern: `^[\p{L}\p{Z}\p{N}_.\-]*$`

Required: No

Plan (p. 191)

A list of stages. A contact has an engagement plan with stages for specified contact channels. An escalation plan uses these stages to contact specified contacts.

Type: Plan (p. 249) object

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 (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

DataEncryptionException

The operation failed to due an encryption key error.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ServiceQuotaExceededException

Request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of UpdateContact.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.UpdateContact
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.update-contact
X-Amz-Date: 20210812T181127Z
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210812/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 534

{
 "ContactId": "arn:aws:ssm-contacts:us-east-1:111122223333:contact/akuam",
 "Plan": {
  "Stages": [
    {
     "DurationInMinutes": 5,
     "Targets": [
       {
        "ChannelTargetInfo": {
         "ContactChannelId": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-channel/
akuam/31111aa5-9b84-4591-a5a6-5a8f9b55b2bc",
         "RetryIntervalInMinutes": 1
        }
       }
      ]
    },
    {
     "DurationInMinutes": 5,
     "Targets": [
       {
        "ChannelTargetInfo": {
         "ContactChannelId": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-channel/
akuam/e5bd2c57-406a-487f-8d26-7c032bc0139c",
         "RetryIntervalInMinutes": 1
        }
       }
      ]
    }
   ]
 }
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2

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

UpdateContactChannel

Service: AWS Systems Manager Incident Manager Contacts

Updates a contact's contact channel.

Request Syntax

```
{
    "ContactChannelId": "string",
    "DeliveryAddress": {
        "SimpleAddress": "string"
    },
    "Name": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common
Parameters (p. 256).

The request accepts the following data in JSON format.

ContactChannelId (p. 195)

The Amazon Resource Name (ARN) of the contact channel you want to update.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=`
`\/,.@:-]+)*`

Required: Yes

DeliveryAddress (p. 195)

The details that Incident Manager uses when trying to engage the contact channel.

Type: ContactChannelAddress (p. 243) object

Required: No

Name (p. 195)

The name of the contact channel.

Type: String

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

Pattern: `^[\p{L}\p{Z}\p{N}_.\-]*$`

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 (p. 258).

AccessDeniedException

You don't have sufficient access to perform this operation.

HTTP Status Code: 400

ConflictException

Updating or deleting a resource causes an inconsistent state.

HTTP Status Code: 400

DataEncryptionException

The operation failed to due an encryption key error.

HTTP Status Code: 400

InternalServerException

Unexpected error occurred while processing the request.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource that doesn't exist.

HTTP Status Code: 400

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationException

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

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of UpdateContactChannel.

Sample Request

```
POST / HTTP/1.1
Host: ssm-contacts.us-east-1.amazonaws.com
Accept-Encoding: identity
X-Amz-Target: SSMContacts.UpdateContactChannel
Content-Type: application/x-amz-json-1.1
User-Agent: aws-cli/2.2.4 Python/3.8.8 Linux/5.4.129-72.229.amzn2int.x86_64 exe/
x86_64.amzn.2 prompt/off command/ssm-contacts.update-contact-channel
X-Amz-Date: 20210812T182356Z
```

```
Authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20210812/us-east-1/
ssm-contacts/aws4_request, SignedHeaders=content-type;host;x-amz-date;x-amz-target,
 Signature=39c3b3042cd2aEXAMPLE
Content-Length: 211

{
 "ContactChannelId": "arn:aws:ssm-contacts:us-east-1:111122223333:contact-channel/akuam/
e5bd2c57-406a-487f-8d26-7c032bc0139c",
 "Name": "akuas voice channel",
 "DeliveryAddress": {
  "SimpleAddress": "+15005550198"
 }
}
```

Sample Response

```
{}
```

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
- AWS SDK for Java V2
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

Data Types

The following data types are supported by AWS Systems Manager Incident Manager:

The following data types are supported by AWS Systems Manager Incident Manager Contacts:

AWS Systems Manager Incident Manager

The following data types are supported by AWS Systems Manager Incident Manager:

Action

Service: AWS Systems Manager Incident Manager

The action that starts at the beginning of an incident. The response plan defines the action.

Contents

ssmAutomation

The Systems Manager automation document to start as the runbook at the beginning of the incident.

Type: SsmAutomation (p. 232) 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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AddRegionAction

Service: AWS Systems Manager Incident Manager

Defines the AWS Region and AWS KMS key to add to the replication set.

Contents

regionName

The AWS Region name to add to the replication set.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 20.

Required: Yes

sseKmsKeyId

The AWS KMS key ID to use to encrypt your replication set.

Type: String

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

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AttributeValueList

Service: AWS Systems Manager Incident Manager

Use the AttributeValueList to filter by string or integer values.

Contents

integerValues

The list of integer values that the filter matches.

Type: Array of integers

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

Required: No

stringValues

The list of string values that the filter matches.

Type: Array of strings

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

Length Constraints: Minimum length of 0. Maximum length of 1000.

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AutomationExecution

Service: AWS Systems Manager Incident Manager

The Systems Manager automation document process to start as the runbook at the beginning of the incident.

Contents

ssmExecutionArn

The Amazon Resource Name (ARN) of the automation process.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: No

See Also

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

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

ChatChannel

Service: AWS Systems Manager Incident Manager

The AWS Chatbot chat channel used for collaboration during an incident.

Contents

chatbotSns

The Amazon SNS targets that AWS Chatbot uses to notify the chat channel of updates to an incident. You can also make updates to the incident through the chat channel by using the Amazon SNS topics.

Type: Array of strings

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

Length Constraints: Minimum length of 0. Maximum length of 1000.

Required: No

empty

Used to remove the chat channel from an incident record or response plan.

Type: EmptyChatChannel (p. 208) 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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Condition

Service: AWS Systems Manager Incident Manager

A conditional statement with which to compare a value, after a timestamp, before a timestamp, or equal to a string or integer. If multiple conditions are specified, the conditionals become an ANDed statement. If multiple values are specified for a conditional, the values are ORd.

Contents

after

> After the specified timestamp.
>
> Type: Timestamp
>
> Required: No

before

> Before the specified timestamp
>
> Type: Timestamp
>
> Required: No

equals

> The value is equal to the provided string or integer.
>
> Type: AttributeValueList (p. 202) 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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

DeleteRegionAction

Service: AWS Systems Manager Incident Manager

Defines the information about the AWS Region you're deleting from your replication set.

Contents

regionName

The name of the AWS Region you're deleting from the replication set.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 20.

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

DynamicSsmParameterValue

Service: AWS Systems Manager Incident Manager

The dynamic SSM parameter value.

Contents

variable

Variable dynamic parameters. A parameter value is determined when an incident is created.

Type: String

Valid Values: `INCIDENT_RECORD_ARN` | `INVOLVED_RESOURCES`

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

EmptyChatChannel

Service: AWS Systems Manager Incident Manager

Used to remove the chat channel from an incident record or response plan.

Contents

The members of this 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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

EventSummary

Service: AWS Systems Manager Incident Manager

Details about a timeline event during an incident.

Contents

eventId

The timeline event ID.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 50.

Required: Yes

eventTime

The time that the event occurred.

Type: Timestamp

Required: Yes

eventType

The type of event. The timeline event must be `Custom Event`.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 100.

Required: Yes

eventUpdatedTime

The time that the timeline event was last updated.

Type: Timestamp

Required: Yes

incidentRecordArn

The Amazon Resource Name (ARN) of the incident that the event happened during.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

See Also

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

- AWS SDK for C++
- AWS SDK for Go

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

Filter

Service: AWS Systems Manager Incident Manager

Filter the selection by using a condition.

Contents

condition

The condition accepts before or after a specified time, equal to a string, or equal to an integer.

Type: Condition (p. 205) object

Required: Yes

key

The key that you're filtering on.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 50.

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

IncidentRecord

Service: AWS Systems Manager Incident Manager

The record of the incident that's created when an incident occurs.

Contents

arn

The Amazon Resource Name (ARN) of the incident record.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

automationExecutions

The runbook, or automation document, that's run at the beginning of the incident.

Type: Array of AutomationExecution (p. 203) objects

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

Required: No

chatChannel

The chat channel used for collaboration during an incident.

Type: ChatChannel (p. 204) object

Required: No

creationTime

The time that Incident Manager created the incident record.

Type: Timestamp

Required: Yes

dedupeString

The string Incident Manager uses to prevent duplicate incidents from being created by the same incident in the same account.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Required: Yes

impact

The impact of the incident on customers and applications.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 5.

Required: Yes

incidentRecordSource

Details about the action that started the incident.

Type: IncidentRecordSource (p. 215) object

Required: Yes

lastModifiedBy

Who modified the incident most recently.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

lastModifiedTime

The time at which the incident was most recently modified.

Type: Timestamp

Required: Yes

notificationTargets

The Amazon SNS targets that are notified when updates are made to an incident.

Type: Array of NotificationTargetItem (p. 223) objects

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

Required: No

resolvedTime

The time at which the incident was resolved. This appears as a timeline event.

Type: Timestamp

Required: No

status

The current status of the incident.

Type: String

Valid Values: `OPEN | RESOLVED`

Required: Yes

summary

The summary of the incident. The summary is a brief synopsis of what occurred, what's currently happening, and context of the incident.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4000.

Required: No

title

The title of the incident.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

IncidentRecordSource

Service: AWS Systems Manager Incident Manager

Details about what created the incident record and when it was created.

Contents

createdBy

The principal that started the incident.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

invokedBy

The service principal that assumed the role specified in `createdBy`. If no service principal assumed the role this will be left blank.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Required: No

resourceArn

The resource that caused the incident to be created.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: No

source

The service that started the incident. This can be manually created from Incident Manager, automatically created using an Amazon CloudWatch alarm, or Amazon EventBridge event.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 50.

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 Go
- AWS SDK for Java V2

- [AWS SDK for Ruby V3](#)

IncidentRecordSummary

Service: AWS Systems Manager Incident Manager

Details describing an incident record.

Contents

arn

The Amazon Resource Name (ARN) of the incident.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

creationTime

The time the incident was created.

Type: Timestamp

Required: Yes

impact

Defines the impact to customers and applications.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 5.

Required: Yes

incidentRecordSource

What caused Incident Manager to create the incident.

Type: object

Required: Yes

resolvedTime

The time the incident was resolved.

Type: Timestamp

Required: No

status

The current status of the incident.

Type: String

Valid Values: `OPEN | RESOLVED`

Required: Yes

title

The title of the incident. This value is either provided by the response plan or overwritten on creation.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

IncidentTemplate

Service: AWS Systems Manager Incident Manager

Basic details used in creating a response plan. The response plan is then used to create an incident record.

Contents

dedupeString

Used to stop Incident Manager from creating multiple incident records for the same incident.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Required: No

impact

The impact of the incident on your customers and applications.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 5.

Required: Yes

notificationTargets

The Amazon SNS targets that are notified when updates are made to an incident.

Type: Array of NotificationTargetItem (p. 223) objects

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

Required: No

summary

The summary of the incident. The summary is a brief synopsis of what occurred, what's currently happening, and context.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4000.

Required: No

title

The title of the incident.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ItemIdentifier

Service: AWS Systems Manager Incident Manager

Details and type of a related item.

Contents

type

The type of related item.

Type: String

Valid Values: `ANALYSIS | INCIDENT | METRIC | PARENT | ATTACHMENT | OTHER | AUTOMATION | INVOLVED_RESOURCE`

Required: Yes

value

Details about the related item.

Type: ItemValue (p. 222) object

Required: Yes

See Also

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

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

ItemValue

Service: AWS Systems Manager Incident Manager

Describes a related item.

Contents

arn

The Amazon Resource Name (ARN) of the related item, if the related item is an Amazon resource.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: No

metricDefinition

The metric definition, if the related item is a metric in Amazon CloudWatch.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4000.

Required: No

url

The URL, if the related item is a non-AWS resource.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

NotificationTargetItem

Service: AWS Systems Manager Incident Manager

The SNS targets that are notified when updates are made to an incident.

Contents

snsTopicArn

The Amazon Resource Name (ARN) of the SNS topic.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: No

See Also

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

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

RegionInfo

Service: AWS Systems Manager Incident Manager

Information about a AWS Region in your replication set.

Contents

sseKmsKeyId

The ID of the KMS key used to encrypt the data in this AWS Region.

Type: String

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

Required: No

status

The status of the AWS Region in the replication set.

Type: String

Valid Values: `ACTIVE | CREATING | DELETING | FAILED`

Required: Yes

statusMessage

Information displayed about the status of the AWS Region.

Type: String

Required: No

statusUpdateDateTime

The most recent date and time that Incident Manager updated the AWS Region's status.

Type: Timestamp

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RegionMapInputValue

Service: AWS Systems Manager Incident Manager

The mapping between a AWS Region and the key that's used to encrypt the data.

Contents

sseKmsKeyId

The AWS KMS key used to encrypt the data in your replication set.

Type: String

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

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RelatedItem

Service: AWS Systems Manager Incident Manager

Resources that responders use to triage and mitigate the incident.

Contents

identifier

Details about the related item.

Type: ItemIdentifier (p. 221) object

Required: Yes

title

The title of the related item.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RelatedItemsUpdate

Service: AWS Systems Manager Incident Manager

Details about the related item you're adding.

Contents

itemToAdd

Details about the related item you're adding.

Type: RelatedItem (p. 226) object

Required: No

itemToRemove

Details about the related item you're deleting.

Type: ItemIdentifier (p. 221) 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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ReplicationSet

Service: AWS Systems Manager Incident Manager

The set of AWS Region that your Incident Manager data will be replicated to and the AWS KMS key used to encrypt the data.

Contents

arn

The Amazon Resource Name (ARN) of the replication set.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: No

createdBy

Details about who created the replication set.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

createdTime

When the replication set was created.

Type: Timestamp

Required: Yes

deletionProtected

Determines if the replication set deletion protection is enabled or not. If deletion protection is enabled, you can't delete the last AWS Region in the replication set.

Type: Boolean

Required: Yes

lastModifiedBy

Who last modified the replication set.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

lastModifiedTime

When the replication set was last updated.

Type: Timestamp

Required: Yes

regionMap

The map between each AWS Region in your replication set and the AWS KMS key that's used to encrypt the data in that Region.

Type: String to RegionInfo (p. 224) object map

Key Length Constraints: Minimum length of 0. Maximum length of 20.

Required: Yes

status

The status of the replication set. If the replication set is still pending, you can't use Incident Manager functionality.

Type: String

Valid Values: `ACTIVE | CREATING | UPDATING | DELETING | 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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResourcePolicy

Service: AWS Systems Manager Incident Manager

The resource policy that allows Incident Manager to perform actions on resources on your behalf.

Contents

policyDocument

The JSON blob that describes the policy.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4000.

Required: Yes

policyId

The ID of the resource policy.

Type: String

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

Required: Yes

ramResourceShareRegion

The AWS Region that policy allows resources to be used in.

Type: String

Required: Yes

See Also

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

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

ResponsePlanSummary

Service: AWS Systems Manager Incident Manager

Details of the response plan that are used when creating an incident.

Contents

arn

The Amazon Resource Name (ARN) of the response plan.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

displayName

The human readable name of the response plan. This can include spaces.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

Required: No

name

The name of the response plan. This can't include spaces.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SsmAutomation

Service: AWS Systems Manager Incident Manager

Details about the Systems Manager automation document that will be used as a runbook during an incident.

Contents

documentName

The automation document's name.

Type: String

Pattern: `^[a-zA-Z0-9_\-.:/]{3,128}$`

Required: Yes

documentVersion

The automation document's version to use when running.

Type: String

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

Required: No

dynamicParameters

The key-value pair to resolve dynamic parameter values when processing a Systems Manager Automation runbook.

Type: String to DynamicSsmParameterValue (p. 207) object map

Map Entries: Maximum number of 200 items.

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

Required: No

parameters

The key-value pair parameters to use when running the automation document.

Type: String to array of strings map

Map Entries: Maximum number of 200 items.

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

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

Length Constraints: Minimum length of 0. Maximum length of 512.

Required: No

roleArn

The Amazon Resource Name (ARN) of the role that the automation document will assume when running commands.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:iam::([0-9]{12})?:role/.+$`

Required: Yes

targetAccount

The account that the automation document will be run in. This can be in either the management account or an application account.

Type: String

Valid Values: `RESPONSE_PLAN_OWNER_ACCOUNT | IMPACTED_ACCOUNT`

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

TimelineEvent

Service: AWS Systems Manager Incident Manager

A significant event that happened during the incident.

Contents

eventData

A short description of the event.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 6000.

Required: Yes

eventId

The ID of the timeline event.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 50.

Required: Yes

eventTime

The time that the event occurred.

Type: Timestamp

Required: Yes

eventType

The type of event that occurred. Currently Incident Manager supports only the `Custom Event` type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 100.

Required: Yes

eventUpdatedTime

The time that the timeline event was last updated.

Type: Timestamp

Required: Yes

incidentRecordArn

The Amazon Resource Name (ARN) of the incident that the event occurred during.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: Yes

See Also

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

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

TriggerDetails

Service: AWS Systems Manager Incident Manager

Details about what caused the incident to be created in Incident Manager.

Contents

rawData

Raw data passed from either Amazon EventBridge, Amazon CloudWatch, or Incident Manager when an incident is created.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4000.

Required: No

source

Identifies the service that sourced the event. All events sourced from within AWS begin with `"aws."` Customer-generated events can have any value here, as long as it doesn't begin with `"aws."` We recommend the use of Java package-name style reverse domain-name strings.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 50.

Required: Yes

timestamp

The time that the incident was detected.

Type: Timestamp

Required: Yes

triggerArn

The Amazon Resource Name (ARN) of the source that detected the incident.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Pattern: `^arn:aws(-cn|-us-gov)?:[a-z0-9-]*:[a-z0-9-]*:([0-9]{12})?:.+$`

Required: No

See Also

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

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

UpdateReplicationSetAction

Service: AWS Systems Manager Incident Manager

Details used when updating the replication set.

Contents

addRegionAction

Details about the AWS Region that you're adding to the replication set.

Type: AddRegionAction (p. 201) object

Required: No

deleteRegionAction

Details about the AWS Region that you're deleting to the replication set.

Type: DeleteRegionAction (p. 206) 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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AWS Systems Manager Incident Manager Contacts

The following data types are supported by AWS Systems Manager Incident Manager Contacts:

ChannelTargetInfo

Service: AWS Systems Manager Incident Manager Contacts

Information about the contact channel that Incident Manager uses to engage the contact.

Contents

ContactChannelId

The Amazon Resource Name (ARN) of the contact channel.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

RetryIntervalInMinutes

The number of minutes to wait to retry sending engagement in the case the engagement initially fails.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 60.

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Contact

Service: AWS Systems Manager Incident Manager Contacts

A personal contact or escalation plan that Incident Manager engages during an incident.

Contents

Alias

The unique and identifiable alias of the contact or escalation plan.

Type: String

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

Pattern: `^[a-z0-9_\-]*$`

Required: Yes

ContactArn

The Amazon Resource Name (ARN) of the contact or escalation plan.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

DisplayName

The full name of the contact or escalation plan.

Type: String

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

Pattern: `^[\p{L}\p{Z}\p{N}_.\-]*$`

Required: No

Type

Refers to the type of contact. A single contact is type `PERSONAL` and an escalation plan is type `ESCALATION`.

Type: String

Valid Values: `PERSONAL | ESCALATION`

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 Go

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

ContactChannel

Service: AWS Systems Manager Incident Manager Contacts

The method that Incident Manager uses to engage a contact.

Contents

ActivationStatus

A Boolean value describing if the contact channel has been activated or not. If the contact channel isn't activated, Incident Manager can't engage the contact through it.

Type: String

Valid Values: `ACTIVATED | NOT_ACTIVATED`

Required: Yes

ContactArn

The ARN of the contact that contains the contact channel.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

ContactChannelArn

The Amazon Resource Name (ARN) of the contact channel.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

DeliveryAddress

The details that Incident Manager uses when trying to engage the contact channel.

Type: object

Required: Yes

Name

The name of the contact channel.

Type: String

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

Pattern: `^[\p{L}\p{Z}\p{N}_.\-]*$`

Required: Yes

Type

The type of the contact channel. Incident Manager supports three contact methods:

- SMS
- VOICE
- EMAIL

Type: String

Valid Values: `SMS | VOICE | EMAIL`

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ContactChannelAddress

Service: AWS Systems Manager Incident Manager Contacts

The details that Incident Manager uses when trying to engage the contact channel.

Contents

SimpleAddress

The format is dependent on the type of the contact channel. The following are the expected formats:

- SMS - '+' followed by the country code and phone number
- VOICE - '+' followed by the country code and phone number
- EMAIL - any standard email format

Type: String

Length Constraints: Minimum length of 1. Maximum length of 320.

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ContactTargetInfo

Service: AWS Systems Manager Incident Manager Contacts

The contact that Incident Manager is engaging during an incident.

Contents

ContactId

The Amazon Resource Name (ARN) of the contact.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: No

IsEssential

A Boolean value determining if the contact's acknowledgement stops the progress of stages in the plan.

Type: Boolean

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Engagement

Service: AWS Systems Manager Incident Manager Contacts

Incident Manager reaching out to a contact or escalation plan to engage contact during an incident.

Contents

ContactArn

The ARN of the escalation plan or contact that Incident Manager is engaging.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

EngagementArn

The Amazon Resource Name (ARN) of the engagement.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

IncidentId

The ARN of the incident that's engaging the contact.

Type: String

Length Constraints: Maximum length of 1024.

Pattern: `^[\\a-zA-Z0-9_@#%*+=:?.\/!\s-]*$`

Required: No

Sender

The user that started the engagement.

Type: String

Length Constraints: Maximum length of 255.

Pattern: `^[\\a-zA-Z0-9_@#%*+=:?.\/!\s-]*$`

Required: Yes

StartTime

The time that the engagement began.

Type: Timestamp

Required: No

StopTime

The time that the engagement ended.

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Page

Service: AWS Systems Manager Incident Manager Contacts

Incident Manager engaging a contact's contact channel.

Contents

ContactArn

The ARN of the contact that Incident Manager is engaging.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

DeliveryTime

The time the message was delivered to the contact channel.

Type: Timestamp

Required: No

EngagementArn

The ARN of the engagement that this page is part of.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

IncidentId

The ARN of the incident that's engaging the contact channel.

Type: String

Length Constraints: Maximum length of 1024.

Pattern: `^[\\a-zA-Z0-9_@#%*+=:?.\/!\s-]*$`

Required: No

PageArn

The Amazon Resource Name (ARN) of the page to the contact channel.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+=\/,.@:-]+)*`

Required: Yes

ReadTime

The time that the contact channel acknowledged engagement.

Type: Timestamp

Required: No

Sender

The user that started the engagement.

Type: String

Length Constraints: Maximum length of 255.

Pattern: `^[\\a-zA-Z0-9_@#%*+=:?.\/!\s-]*$`

Required: Yes

SentTime

The time that Incident Manager engaged the contact channel.

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Plan

Service: AWS Systems Manager Incident Manager Contacts

The stages that an escalation plan or engagement plan engages contacts and contact methods in.

Contents

Stages

A list of stages that the escalation plan or engagement plan uses to engage contacts and contact methods.

Type: Array of Stage (p. 251) objects

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Receipt

Service: AWS Systems Manager Incident Manager Contacts

Records events during an engagement.

Contents

ContactChannelArn

The Amazon Resource Name (ARN) of the contact channel Incident Manager engaged.

Type: String

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

Pattern: `arn:(aws|aws-cn|aws-us-gov):ssm-contacts:[-\w+=\/,.@]*:[0-9]+:([\w+= \/,.@:-]+)*`

Required: No

ReceiptInfo

Information provided during the page acknowledgement.

Type: String

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

Pattern: `^[.\s\S]*$`

Required: No

ReceiptTime

The time receipt was `SENT`, `DELIVERED`, or `READ`.

Type: Timestamp

Required: Yes

ReceiptType

The type follows the engagement cycle, `SENT`, `DELIVERED`, and `READ`.

Type: String

Valid Values: `DELIVERED | ERROR | READ | SENT | STOP`

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Stage

Service: AWS Systems Manager Incident Manager Contacts

A set amount of time that an escalation plan or engagement plan engages the specified contacts or contact methods.

Contents

DurationInMinutes

The time to wait until beginning the next stage. The duration can only be set to 0 if a target is specified.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 30.

Required: Yes

Targets

The contacts or contact methods that the escalation plan or engagement plan is engaging.

Type: Array of Target (p. 253) objects

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Tag

Service: AWS Systems Manager Incident Manager Contacts

A container of a key-value name pair.

Contents

Key

Name of the object key.

Type: String

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

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

Required: No

Value

Value of the tag.

Type: String

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

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

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Target

Service: AWS Systems Manager Incident Manager Contacts

The contact or contact channel that's being engaged.

Contents

ChannelTargetInfo

Information about the contact channel Incident Manager is engaging.

Type: ChannelTargetInfo (p. 238) object

Required: No

ContactTargetInfo

Information about the contact that Incident Manager is engaging.

Type: ContactTargetInfo (p. 244) 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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

TimeRange

Service: AWS Systems Manager Incident Manager Contacts

A range of between two set times

Contents

EndTime

The end of the time range.

Type: Timestamp

Required: No

StartTime

The start of the time range.

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 Go
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ValidationExceptionField

Service: AWS Systems Manager Incident Manager Contacts

Provides information about which field caused the exception.

Contents

Message

Information about what caused the field to cause an exception.

Type: String

Required: Yes

Name

The name of the field that caused the exception.

Type: String

Required: Yes

See Also

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

- AWS SDK for C++
- AWS SDK for Go
- 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 Signature Version 4 Signing Process in the *Amazon Web Services General Reference*.

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 Task 2: Create a String to Sign for Signature Version 4 in the *Amazon Web Services General Reference*.

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 Handling Dates in Signature Version 4 in the *Amazon Web Services General Reference*.

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 Security Token Service, go to AWS Services That Work with IAM in the *IAM User Guide*.

Condition: If you're using temporary security credentials from the AWS Security Token Service, 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 Task 1: Create a Canonical Request For Signature Version 4 in the *Amazon Web Services General Reference*.

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

InvalidParameterCombination

Parameters that must not be used together were used together.

HTTP Status Code: 400

InvalidParameterValue

An invalid or out-of-range value was supplied for the input parameter.

HTTP Status Code: 400

InvalidQueryParameter

The AWS query string is malformed or does not adhere to AWS standards.

HTTP Status Code: 400

MalformedQueryString

The query string contains a syntax error.

HTTP Status Code: 404

MissingAction

The request is missing an action or a required parameter.

HTTP Status Code: 400

MissingAuthenticationToken

The request must contain either a valid (registered) AWS access key ID or X.509 certificate.

HTTP Status Code: 403

MissingParameter

A required parameter for the specified action is not supplied.

HTTP Status Code: 400

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