aws

User Guide

Cloud Control API

Cloud Control API: User Guide

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What is AWS Cloud Control API?

Use AWS Cloud Control API to create, read, update, delete, and list (CRUD-L) your cloud resources that belong to a wide range of services – both AWS and third-party. With the Cloud Control API standardized set of application programming interfaces (APIs), you can perform CRUD-L operations on any supported resources in your AWS account. Using Cloud Control API, you won't have to generate code or scripts specific to each individual service responsible for those resources.

Topics

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Are you a first-time Cloud Control API user?

If you're a first-time user of Cloud Control API, we recommend that you begin by reading the following sections:

- [Setting up AWS Cloud Control API](#)
- [Getting started with Cloud Control API](#)

Features of Cloud Control API

Cloud Control API provides you with consistent control over the resources in your AWS account by offering a standardized way of accessing and provisioning those resources. It provides a uniform programmatic interface for making calls directly to the various resource types available in your AWS account, without you having to familiarize yourself with APIs of the underlying web services.

Related services

Similar to Cloud Control API, AWS CloudFormation also uses resource types to call underlying web services APIs to provision those resources when you place such a request in your account. However,

CloudFormation focuses on providing resource management, by treating infrastructure as code. Using CloudFormation, you can author declarative templates that include multiple resources and their dependencies, and then provision those resources as a *stack*. A stack is a single unit that you then manage through AWS CloudFormation. You can also centrally manage and provision stacks across multiple AWS accounts and AWS Regions. To be managed through CloudFormation, a resource must be created as part of a stack or imported into a stack. For more information, see the *AWS CloudFormation User Guide*.

Accessing Cloud Control API

Cloud Control API provides API operations for generating create, read, update, delete, and list (CRUD-L) resource requests in addition to tracking and managing those requests. You use the AWS Command Line Interface (AWS CLI) for Cloud Control API operations.

The following table shows the Cloud Control API operations you can use to generate CRUD-L resource requests.

API operation	AWS CLI command
CreateResource	`create-resource`
DeleteResource	`delete-resource`
GetResource	`get-resource`
ListResources	`list-resources`
UpdateResource	`update-resource`

The following table shows the Cloud Control API operations that you can use to track and manage resource requests while they're in process.

API operation	AWS CLI command
CancelResourceRequest	`cancel-resource-request`
GetResourceRequestStatus	`get-resource-request-status`

API operation	AWS CLI command
ListResourceRequests	list-resource-requests

How Cloud Control API works

Cloud Control API provides you with centralized control over the resources in your AWS account and a consistent way of accessing and provisioning those resources. It provides a uniform programmatic interface for making calls directly to the various resource types available in your AWS account.

A *resource type* represents an artifact that can be provisioned through a web service: an Amazon Elastic Compute Cloud (Amazon EC2) instance, an Amazon Relational Database Service (Amazon RDS) database instance, an AWS Identity and Access Management (IAM) policy, or even an entire web application. Each resource type uses a standardized syntax to support some or all the following lifecycle events: create, read, update, delete, and list (CRUD-L). You can directly invoke these CRUD-L event handlers using Cloud Control API as a consistent set of APIs.

Amazon has published several hundred resource types representing offerings across AWS web services. Now, third-party publishers can make their own resource types available for use as well. Any resource type developed using the AWS CloudFormation CLI open-source tool is automatically supported by Cloud Control API.

Each resource type is defined by its *resource type schema*. This document is compliant with the JSON schema open standard, and includes:

- A complete list of each resource property and its associated metadata, including whether the property is required, data type, and value constraints.
- The CRUD-L events that the resource type supports, and the permissions necessary for Cloud Control API to invoke each supported event handler.

When you create or update a resource, you specify JSON that represents the properties and property values you want to set for the resource. Cloud Control API handles the actual calls to the underlying web services to perform the requested changes. For read requests, Cloud Control API returns JSON that represents the current state of the specified resource. For list requests, Cloud Control API returns either the resource identifier or JSON that represents the current state of the specified resources.

You can use Cloud Control API to perform operations on existing resources, even if those resources weren't created using Cloud Control API. For example, you could use Cloud Control API to return property information about each AWS Lambda function in your AWS account.

For a brief tutorial on how to use Cloud Control API to perform resource operations, see Getting started with Cloud Control API.

For more information about resource types and how to use them with Cloud Control API, see Using resource types.

Setting up AWS Cloud Control API

To use AWS Cloud Control API, you'll need to have an AWS account in which you have set yourself up as an AWS Identity and Access Management (IAM) administrator user.

Topics

- Sign up for AWS
- Create an IAM user

Sign up for AWS

If you do not have an AWS account, complete the following steps to create one.

To sign up for an AWS account

1. Open https://portal.aws.amazon.com/billing/signup.

2. Follow the online instructions.

   Part of the sign-up procedure involves receiving a phone call and entering a verification code on the phone keypad.

   When you sign up for an AWS account, an *AWS account root user* is created. The root user has access to all AWS services and resources in the account. As a security best practice, assign administrative access to an administrative user, and use only the root user to perform tasks that require root user access.

Create an IAM user

To create an administrator user, choose one of the following options.

Choose one way to manage your administrator	To	By	You can also
In IAM Identity Center (Recommended)	Use short-term credentials to access AWS. This aligns with the security best practices. For information about best practices, see Security best practices in IAM in the *IAM User Guide*.	Following the instructions in Getting started in the *AWS IAM Identity Center User Guide*.	Configure programmatic access by Configuring the AWS CLI to use AWS IAM Identity Center in the *AWS Command Line Interface User Guide*.
In IAM (Not recommended)	Use long-term credentials to access AWS.	Following the instructions in Creating your first IAM admin user and user group in the *IAM User Guide*.	Configure programmatic access by Managing access keys for IAM users in the *IAM User Guide*.

Getting started with Cloud Control API

Use this short tutorial to get started performing resource operations with AWS Cloud Control API. You'll learn the basics of using Cloud Control API to create, read, update, delete, and list resources.

Topics

Step 1: Create a resource

For this tutorial, create a resource of type `AWS::Logs::LogGroup`. Name this log group **CloudControlExample**, and set the retention policy on it to 90 days.

1. In the AWS Command Line Interface (AWS CLI), run the `create-resource` command with the following parameters:

   - Specify the `type-name` as AWS::Logs::LogGroup.

   - Specify the `desired-state` as a string containing JSON that sets the desired properties:

     {"LogGroupName": "CloudControlExample", "RetentionInDays": 90}

   ```
   $ aws cloudcontrol create-resource --type-name AWS::Logs::LogGroup \
       --desired-state '{"LogGroupName": "CloudControlExample","RetentionInDays":90}'
   ```

   Cloud Control API returns a `ProgressEvent` object that contains information about the status of your resource operation request.

   ```
   {
       "ProgressEvent": {
           "EventTime": "2021-08-26T22:07:23.347Z",
   ```

```
            "TypeName": "AWS::Logs::LogGroup",
            "OperationStatus": "IN_PROGRESS",
            "Operation": "CREATE",
            "Identifier": "CloudControlExample",
            "RequestToken": "758f4a4e-fef4-491a-9b07-00123456789"
        }
    }
```

2. To track the status of your resource operation request, run the `get-resource-request-status` command with the following parameter:

   - Specify the `request-token` parameter as the `RequestToken` property value returned in the `ProgressEvent` object.

   ```
   $ aws cloudcontrol get-resource-request-status --request-token 758f4a4e-
   fef4-491a-9b07-00123456789
   ```

   Cloud Control API returns a `ProgressEvent` object that contains information about the status of your resource operation request. When Cloud Control API has successfully created the resource, it sets the `OperationStatus` value to SUCCESS.

   ```
   {
       "ProgressEvent": {
           "EventTime": "2021-08-26T22:29:23.326Z",
           "TypeName": "AWS::Logs::LogGroup",
           "OperationStatus": "SUCCESS",
           "Operation": "CREATE",
           "Identifier": "CloudControlExample",
           "RequestToken": "758f4a4e-fef4-491a-9b07-00123456789"
       }
   }
   ```

Step 2: Read (describe) a resource

Next, read the current state of the resource you just created.

- In the AWS CLI, run the `get-resource` command with the following parameter:

- Specify `identifier` as the `identifier` property value returned in the `ProgressEvent` object when you created the resource. In this case, it's `CloudControlExample`, the name you specified for the log group.

```
$ aws cloudcontrol get-resource --type-name AWS::Logs::LogGroup --identifier
CloudControlExample
```

Cloud Control API returns detailed information about the resource's current state, including a model of its properties and settings. In this case, this includes a property, `Arn`, that was generated by Amazon CloudWatch Events when the resource was created.

```
{
    "TypeName": "AWS::Logs::LogGroup",
    "ResourceDescription": {
        "Identifier": "CloudControlExample",
        "ResourceModel": '{"RetentionInDays": 90, "LogGroupName":
 "CloudControlExample", "Arn": "arn:aws:logs:us-west-2:090123456789:log-
group:CloudControlExample:*"}'
    }
}
```

Step 3: Update a resource

Next, update your log group to double the retention policy to 180 days.

1. In the AWS CLI, run the `update-resource` command with the following parameter:

    - Specify the `type-name` as `AWS::Logs::LogGroup`.

    - Specify `identifier` as the `identifier` property value returned in the `ProgressEvent` object when you created the resource. In this case, it's `CloudControlExample`, the name you specified for the log group.

    - Specify the `patch-document` parameter as a string containing JSON that represents a replacement operation that updates the retention policy to 180 days.

      ```
      [{"op": "replace", "path": "RetentionInDays", "value": 180}]
      ```

For detailed information about composing patch documents, see Composing the patch
document.

```
$ aws cloudcontrol update-resource --type-name AWS::Logs::LogGroup \
    --identifier CloudControlExample \
    --patch-document '[{"op": "replace", "path": "RetentionInDays", "value":180}]'
```

Cloud Control API returns a `ProgressEvent` object that contains information about the
status of your resource operation request.

```
{
    "ProgressEvent": {
        "EventTime": "2021-08-26T22:29:22.547Z",
        "ResourceModel":
 '{"RetentionInDays":180,"LogGroupName":"CloudControlExample"}',
        "TypeName": "AWS::Logs::LogGroup",
        "OperationStatus": "IN_PROGRESS",
        "Operation": "UPDATE",
        "Identifier": "CloudControlExample",
        "RequestToken": "2026055d-f21c-4b50-bd40-111111111111"
    }
}
```

2. To track the status of your resource operation request, run the `get-resource-request-status` command with the following parameter:

    *   Specify the `request-token` parameter as the `RequestToken` property value returned in
        the `ProgressEvent` object.

```
$ aws cloudcontrol get-resource-request-status --request-token 2026055d-f21c-4b50-
bd40-123456789012
```

Cloud Control API returns a `ProgressEvent` object that contains information about the
status of your resource operation request. When Cloud Control API has successfully updated
the resource, it sets the `OperationStatus` value to SUCCESS.

```
{
    "ProgressEvent": {
```

```
            "EventTime": "2021-08-26T22:29:23.326Z",
            "TypeName": "AWS::Logs::LogGroup",
            "OperationStatus": "SUCCESS",
            "Operation": "UPDATE",
            "Identifier": "CloudControlExample",
            "RequestToken": "2026055d-f21c-4b50-bd40-123456789012"
    }
}
```

Step 4: List all resources of a certain type

Next, use Cloud Control API to discover resources in your AWS account.

- In the AWS CLI, run the `list-resources` command with the following parameter:

  - Specify the `type-name` as `AWS::Logs::LogGroup`.

```
$ aws cloudcontrol list-resources --type-name AWS::Logs::LogGroup
```

Cloud Control API returns a list of the `AWS::Logs::LogGroup` resources in your account, by primary identifier. This includes `CloudControlExample`, the resource you created as part of this tutorial, in addition to any other log groups that already exist in your account. Also, for `AWS::Logs::LogGroup` resources, the information returned by `list-resources` includes the properties for each resource.

```
{
    "TypeName": "AWS::Logs::LogGroup",
    "ResourceDescriptions": [
        {
            "Identifier": "CloudControlExample",
            "Properties": '{"RetentionInDays":180, "LogGroupName":
 "CloudControlExample", "Arn":"arn:aws:logs:us-west-2:090123456789:log-
group:CloudControlExample:*"}'
        },
        {
            "Identifier": "AnotherLogGroupResourceExample",
            "Properties": '{"RetentionInDays": 90, "LogGroupName":
 "AnotherLogGroupResourceExample", "Arn": "arn:aws:logs:us-west-2:011111111111:log-
group:AnotherLogGroupResourceExample:*"}'
```

```
        },
    ]
}
```

Step 5: Delete a resource

Finally, delete your log group to clean up from this tutorial.

1. In the AWS CLI, run the `delete-resource` command with the following parameter:

    - Specify the `type-name` as `AWS::Logs::LogGroup`.

    - Specify `identifier` as the `identifier` property value returned in the `ProgressEvent` object when you created the resource. In this case, it's **CloudControlExample**, the name you specified for the log group.

    ```
    $ aws cloudcontrol delete-resource --type-name AWS::Logs::LogGroup --identifier
      CloudControlExample
    ```

    Cloud Control API returns a `ProgressEvent` object that contains information about the status of your resource operation request.

    ```
    {
        "ProgressEvent": {
            "EventTime": "2021-08-26T22:50:20.037Z",
            "TypeName": "AWS::Logs::LogGroup",
            "OperationStatus": "IN_PROGRESS",
            "Operation": "DELETE",
            "Identifier": "CloudControlExample",
            "RequestToken": "bb0ed9cd-84f9-44c2-b638-000000000000"
        }
    }
    ```

2. To track the status of your resource operation request, run the `get-resource-request-status` command with the following parameter:

    - Specify the `request-token` parameter as the `RequestToken` property value returned in the `ProgressEvent` object.

```
$ aws cloudcontrol get-resource-request-status --request-token 2026055d-f21c-4b50-
bd40-111111111111
```

Cloud Control API returns a `ProgressEvent` object that contains information about the status of your resource operation request. When Cloud Control API has successfully deleted the resource, it sets the `OperationStatus` value to SUCCESS.

```
{
    "ProgressEvent": {
        "EventTime": "2021-08-26T22:50:20.831Z",
        "TypeName": "AWS::Logs::LogGroup",
        "OperationStatus": "SUCCESS",
        "Operation": "DELETE",
        "Identifier": "CloudControlExample",
        "RequestToken": "bb0ed9cd-84f9-44c2-b638-000000000000"
    }
}
```

Next steps

For detailed information and examples on using Cloud Control API with resources, see Performing resource operations.

Security in AWS Cloud Control API

Cloud security at AWS is the highest priority. As an AWS customer, you benefit from a data center and network architecture that's built to meet the requirements of the most security-sensitive organizations.

Security is a shared responsibility between AWS and you. The shared responsibility model describes this as security of the cloud and security in the cloud:

- **Security of the cloud** – AWS is responsible for protecting the infrastructure that runs AWS services in the AWS Cloud. AWS also provides you with services that you can use securely. Third-party auditors regularly test and verify the effectiveness of our security as part of the AWS Compliance Programs. To learn about the compliance programs that apply to Cloud Control API, see AWS Services in Scope by Compliance Program.

- **Security in the cloud** – Your responsibility is determined by the AWS service that you use. You are also responsible for other factors including the sensitivity of your data, your company's requirements, and applicable laws and regulations.

AWS CloudFormation provides the security architecture for Cloud Control API; because of this, you will need to configure CloudFormation to meet your security and compliance objectives when using Cloud Control API. Refer to the Security section in the *AWS CloudFormation User Guide* to help you understand how to apply the shared responsibility model when using AWS CloudFormation. You can also learn how to use other AWS services that help you to monitor and secure your AWS CloudFormation and Cloud Control API resources.

Note the following areas where Cloud Control API differs from CloudFormation when addressing security and compliance concerns:

- For AWS Identity and Access Management (IAM) integration:

  - In IAM policies, Cloud Control API actions are specified with the `"cloudformation"` prefix.

    For example, the following policy grants create, read, update, and list (but not delete) resource actions.

    ```
    {
        "Version":"2012-10-17",
        "Statement":[{
    ```

```
            "Effect":"Allow",
            "Action":[
                "cloudformation:CreateResource",
                "cloudformation:GetResource",
                "cloudformation:UpdateResource",
                "cloudformation:ListResources"
            ],
            "Resource":"*"
        }]
}
```

- Cloud Control API does not currently support [CloudFormation resource-level permissions](#).

- Cloud Control API does not currently support use of [CloudFormation conditions](#).

For more information, see [Controlling access with AWS Identity and Access Management](#) in the *AWS CloudFormation User Guide*.

- Cloud Control API does not currently support [Custom resources](#).

- When activity occurs in Cloud Control API and is recorded in AWS CloudTrail, the event source is listed as `cloudcontrolapi.amazonaws.com`.

For more information, see [Logging AWS CloudFormation API calls with AWS CloudTrail](#) in the *AWS CloudFormation User Guide*.

AWS Cloud Control API and interface VPC endpoints (AWS PrivateLink)

You can establish a private connection between your virtual private cloud (VPC) and AWS Cloud Control API by creating an *interface VPC endpoint*. Interface endpoints are powered by [AWS PrivateLink](#), a technology that enables you to privately access Cloud Control API APIs without an internet gateway, NAT device, VPN connection, or AWS Direct Connect connection. Instances in your VPC don't need public IP addresses to communicate with Cloud Control API APIs. Traffic between your VPC and Cloud Control API doesn't keep the Amazon network.

Each interface endpoint is represented by one or more [Elastic Network Interfaces](#) in your subnets.

For more information, see [Interface VPC endpoints (AWS PrivateLink)](#) in the *Amazon VPC User Guide*.

Considerations for Cloud Control API VPC endpoints

Before you set up an interface VPC endpoint for Cloud Control API, ensure that you review [Interface endpoint properties and limitations](#) in the *Amazon VPC User Guide*.

Cloud Control API supports making calls to all of its API actions from your VPC.

Creating an interface VPC endpoint for Cloud Control API

You can create a VPC endpoint for the Cloud Control API service using either the Amazon VPC console or the AWS Command Line Interface (AWS CLI). For more information, see [Creating an interface endpoint](#) in the *Amazon VPC User Guide*.

Create a VPC endpoint for Cloud Control API using the following service name:

- com.amazonaws.*region*.cloudcontrolapi

If you enable private DNS for the endpoint, you can make API requests to Cloud Control API using its default DNS name for the Region, for example, `cloudcontrolapi.us-east-1.amazonaws.com`.

For more information, see [Accessing a service through an interface endpoint](#) in the *Amazon VPC User Guide*.

Creating a VPC endpoint policy for Cloud Control API

You can attach an endpoint policy to your VPC endpoint that controls access to Cloud Control API. The policy specifies the following information:

- The principal that can perform actions.
- The actions that can be performed.
- The resources on which actions can be performed.

For more information, see [Controlling access to services with VPC endpoints](#) in the *Amazon VPC User Guide*.

> ⚠️ **Important**
>
> VPCE endpoint policy details are not passed to any downstream services invoked by Cloud Control API for evaluation. Because of this, policies specifying actions or resources that belong to downstream services are not enforced.
>
> For example, suppose you created an Amazon EC2 instance in a VPC instance with a VPC endpoint for Cloud Control API in a subnet with no Internet access. Next, you attach the following VPC endpoint policy to the VPCE:
>
> ```
> {
>   "Statement": [
>     {
>       "Action": [
>         "cloudformation:*",
>         "ec2:*",
>         "lambda:*"
>       ]
>       "Effect": "Allow",
>       "Principal": "*",
>       "Resource": "*"
>     }
>   ]
> }
> ```
>
> If a user with administrator access then sends a request to access an Amazon S3 bucket in the instance, no service error would be returned, even though Amazon S3 access is not granted in the VPCE policy.

Example: VPC endpoint policy for Cloud Control API actions

The following is an example of an endpoint policy for Cloud Control API. When attached to an endpoint, this policy grants access to the listed Cloud Control API actions for all principals on all resources. The following example denies all users the permission to create resources through the VPC endpoint, and allows full access to all other actions on the Cloud Control API service.

```
{
  "Statement": [
    {
      "Action": "cloudformation:*",
```

```
      "Effect": "Allow",
      "Principal": "*",
      "Resource": "*"
    },
    {
      "Action": "cloudformation:CreateResource",
      "Effect": "Deny",
      "Principal": "*",
      "Resource": "*"
    }
  ]
}
```

See also

- [AWS services that integrate with AWS PrivateLink](#)

Performing resource operations

Use AWS Cloud Control API to do or other command verb construction create, read, update, remove, and list (-L) operations on resources in your AWS account.

Contents

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- Specifying credentials for Cloud Control API
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Prerequisites for using resources with Cloud Control API

To provision a specific resource using Cloud Control API, that resource type must support Cloud Control API and be available for use in your AWS account.

- **Resources available for use in your AWS account**

  To be available for use in your account, public resource types must be activated, and private resource types must be registered. Supported AWS resource types are public and always activated. For more information, see Using resource types.

- **Resources that support Cloud Control API**

  For a list of AWS resource types that support Cloud Control API, see Resource types that support Cloud Control API.

  Third-party resource types, both public and private, support Cloud Control API.

For details about how to determine if a specific resource type supports Cloud Control API, see [Determining if a resource type supports Cloud Control API](#).

For information about using resource types, see [Using resource types](#).

Specifying credentials for Cloud Control API

As part of performing operations on AWS resources on your behalf, Cloud Control API must make calls to the underlying AWS services that actually provision those resources. To do so, Cloud Control API requires the necessary credentials to access those services. There are two ways for you to enable Cloud Control API to acquire those credentials:

- **User credentials**

  By default, Cloud Control API creates a temporary session using your AWS user credentials, and uses that to make any necessary calls to downstream AWS services. This session lasts up to 24 hours, after which any remaining calls to AWS by Cloud Control API will fail.

- **Service role credentials**

  You can also specify a service role for Cloud Control API to assume during a resource operation, when you make the resource request. Among other advantages, specifying a service role enables Cloud Control API to make calls to underlying AWS services for up to 36 hours.

  To use a service role, specify the `RoleArn` parameter of the resource operation request.

  Because the Cloud Control API actions are part of the AWS CloudFormation service, the service role you specify is assumed by the CloudFormation service (`cloudformation.amazonaws.com`). For more information, see [AWS CloudFormation service role](#) in the *AWS CloudFormation User Guide*.

The permissions required for each resource handler are defined in the `handlers` section of that resource type's schema. For more information about viewing the resource schema, see .[Viewing resource type schemas](#) The `handlers` section is defined in the [resource type definition schema](#).

Ensuring resource operation requests are unique when using Cloud Control API

As a best practice, we strongly recommend you specify an idempotency token with create, delete, and update resource operation requests. Preferably, specify a token that will be unique for every request, such as an universally unique identifier (UUID). Such a token ensures requests can be disambiguated in cases where a request must be retried.

The `create-resource`, `delete-resource`, and `update-resource` operations all take a `client-token` parameter, which can be set to an idempotency token.

Considerations when using Cloud Control API

We recommend that you take the following service behavior into account when performing resource operations using Cloud Control API:

- Cloud Control API performs each resource operation individually and independently of any other resource operations.

- A single resource operation request to Cloud Control API might actually consist of multiple calls to the underlying service that provisions the resource. Because of this, a resource request might fail when only partially completed, resulting in only some of the requested changes being applied to the resource.

- If a resource operation fails at any point, Cloud Control API doesn't roll back the resource to its previous state.

- You can only perform one resource operation at a time on a given resource using Cloud Control API. However, the resource can still be operated on directly, through the underlying service that provisioned it. We strongly recommend against this approach because it may lead to unpredictable behavior.

Creating a resource

Use the `create-resource` command to create a resource.

Composing the desired state of the resource

For Cloud Control API to create a resource, you must specify the *desired state* of the resource you want to create. The desired state consists of a listing of the resource properties you want to specify, and their desired values.

The properties of a resource are defined in its resource type schema. This includes whether the property is required, valid values, and other property constraints. For more information about viewing resource property definitions, see [Viewing resource type schemas](#).

The desired state you specify must be valid against the resource type schema.

As an example, suppose you wanted to create an [AWS::Logs::LogGroup](#) resource with a specific name and a retention policy of 90 days. As a first step, you must compose the desired state of the resource, formatted as JSON text.

```
{
   "LogGroupName": "CloudApiLogGroup",
   "RetentionInDays": 90
}
```

When you call the `create-resource` command, you can pass the desired state directly inline as a string, or, for more complicated desired state definitions, specify a file location.

The following AWS Command Line Interface (AWS CLI) command creates the resource and specifies in the `desired-state` parameter that the `RetentionInDays` property of the resource is set to 90, in addition to specifying the log group name.

```
$ aws cloudcontrol create-resource --type-name AWS::Logs::LogGroup \
    --desired-state '{"LogGroupName": "CloudApiLogGroup", "RetentionInDays":90}'
```

Tracking the progress of a create resource request

The `create-resource` command returns a `ProgressEvent` object that you can use to monitor the current status of your resource create request. For more information, see [Tracking the progress of resource operation requests](#).

Updating a resource

Use the `update-resource` command to make updates to an existing resource. This includes resources that weren't originally provisioned using Cloud Control API.

> ⚠️ **Important**
>
> We strongly advise against using Cloud Control API to update resources that are under active management by other services. Doing so can lead to unexpected results. For example, don't use Cloud Control API to update resources that are currently part of an AWS CloudFormation stack.

To update an existing resource, you must specify the resource's identifier. For more information about determining a resource's identifier, see [Using a resource's primary identifier](#).

Updating a resource entails changing resource property values. The properties of a resource are defined in its resource type schema. This includes whether the property is required, valid values, and other property constraints. For more information about viewing resource property definitions, see [Viewing resource type schemas](#).

Composing the patch document

To update a resource, you first define the updates as a list of *patch operations* contained in a JSON patch document. This patch document must adhere to the standard defined in [*RFC 6902 - JavaScript Object Notation (JSON) Patch*](#).

Each patch operation defines a single update to a specific resource property. The following properties are required:

- `op`: The operation type. Cloud Control API supports all operations defined in RFC 6902: add, remove, replace, move, copy, and test.

- `path`: The path to the resource property, relative to the `properties` section of the resource schema.

Depending on the operation, additional properties may be required. Refer to RFC 6902 for specifics.

When using the `update-resource` command, you can specify the patch document inline as a string, or specify a file location.

The following example updates the retention policy of an [AWS::Logs::LogGroup](#) resource named `CloudControlApiLogGroup` to 90 days.

```
$ aws cloudcontrol update-resource --type-name AWS::Logs::LogGroup \
    --identifier CloudControlApiLogGroup \
    --patch-document '[{"op":"test","path":"RetentionInDays","value":90}]'
```

How Cloud Control API updates resources

To update a resource, Cloud Control API first retrieves the current state of the resource and then updates the resource in a two-step process:

- Cloud Control API combines the patch operations specified in the update request with the current state of the resource, to generate the desired state of the resource after it's updated. Operations are applied sequentially in the order that they appear in the patch document. Each operation in the sequence is applied to the resource's current state; the resulting resource state becomes the target of the next operation.

  At this point, the entire update request fails if:

  - A patch operation included in the request is invalid.

  - A patch operation of op type `test` fails.

  In such cases, the entire update request fails and Cloud Control API makes no updates to the resource.

- Cloud Control API then calls the update handler of the resource type to update the resource.

  If the update handler fails at any point, *Cloud Control API does not roll back the resource to its previous state.*

For example, consider the following patch document that is defined to update an [AWS::Logs::LogGroup](#) resource. The document contains two patch operations. The first operation is of type `test` and checks to see if the resource's retention policy is set to 3653 days. If that is the case, the resource passes the test and Cloud Control API proceeds to the next operation. This operation replaces the current retention policy value with 180 days. If the resource's retention

policy is set to a value of other than 3653 days, the first `test` operation fails and Cloud Control API never runs the second `replace` operation.

```
[
  {
    "op": "test",
    "path": "/RetentionInDays",
    "value":3653
  },
  {
    "op": "replace",
    "path": "/RetentionInDays",
    "value":180
  }
]
```

Tracking the progress of an update resource request

The `update-resource` command returns a `ProgressEvent` object that you can use to track the current status of your resource operation request. For more information, see Tracking the progress of resource operation requests.

Deleting a resource

Use the `delete-resource` command to delete an existing resource. You can delete the resource whether or not the resource was originally provisioned using Cloud Control API.

> ⚠️ **Important**
>
> We strongly advise against using Cloud Control API to delete resources that are under active management by other services. Doing so can lead to unexpected results. For example, don't use Cloud Control API to delete resources that are currently part of an AWS CloudFormation stack.

To update an existing resource, you must specify the resource's identifier. For more information about finding a resource's identifier, see Using a resource's primary identifier.

The follow example deletes an `AWS::Logs::LogGroup` resource with the name of `CloudControlApiLogGroup`.

```
$ aws cloudcontrol delete-resource \
    --type-name AWS::Logs::LogGroup --identifier CloudControlApiLogGroup
```

Tracking the progress of a delete resource request

The `delete-resource` command returns a `ProgressEvent` object that you can use to track the current status of your resource operation request. For more information, see [Tracking the progress of resource operation requests](#).

Discovering resources

Use the `list-resources` command to discover the resources currently provisioned in your AWS account and AWS Region. This includes all resources of the specified resource type, regardless of whether they were provisioned through Cloud Control API, directly through the underlying service, or other mechanism (such as being part of an AWS CloudFormation stack).

The information returned for each resource includes:

- The resource's primary identifier.
- Optionally, it may include the *part or all* resource's properties, detailing the current state of the resource. For more information, see [Viewing resource type schemas](#).

The follow example returns a list of `AWS::Logs::LogGroup` resources.

```
$ aws cloudcontrol list-resources --type-name AWS::Logs::LogGroup
```

Cloud Control API returns a list of the resources in your account of the specified resource type. For the example , `list-resources` returns the primary identifier and resource properties of all `AWS::Logs::LogGroup` resources in your account, regardless of whether they were provisioned by Cloud Control API. The returned information resembles the following, depending on the resources in your account.

```
{
  "TypeName": "AWS::Logs::LogGroup",
  "ResourceDescriptions":
  [
    {
```

```
      "Identifier": "CloudControlExample",
      "Properties": '{"RetentionInDays":180, "LogGroupName": "CloudControlExample",
  "Arn": "arn:aws:logs:us-west-2:123456789012:log-group:CloudControlExample:*"}'
    },
    {
      "Identifier": "AnotherLogGroupResourceExample",
      "Properties": '{"RetentionInDays":90, "LogGroupName":
  "AnotherLogGroupResourceExample", "Arn": "arn:aws:logs:us-west-2:123456789012:log-
  group:AnotherLogGroupResourceExample:*"}'
    }
  ]
}
```

The follow example requests a list of `AWS::Kinesis::Stream` resources.

```
$ aws cloudcontrol list-resources --type-name AWS::Kinesis::Stream
```

For Kinesis streams, Cloud Control API returns the primary identifier of each stream, along with a *subset* of the resource properties. In this case, just a single property, Name. You could then use a stream's primary identifier with `get-resource` to request the resource's full current state.

```
{
    "TypeName": "AWS::Kinesis::Stream",
    "ResourceDescriptions": [
        {
            "Identifier": "MyKinesisStream",
            "Properties": '{"Name": "MyKinesisStream"}'
        },
        {
            "Identifier": "AnotherStream",
            "Properties": '{"Name": "AnotherStream"}'
        }
    ]
}
```

Resources that require additional information

Certain resources require that you provide additional information about the resources that you want to list as part of your request. In these cases, you must use the `ResourceModel` parameter to specify these properties.

The table below lists these resources, and the properties you to specify in the `ResourceModel` parameter during list requests.

Resources	Required properties
[AWS::ApiGateway::Documentat ionVersion](#)	`RestApiId`
[AWS::ApiGateway::Step](#)	`RestApiId`
[AWS::CloudFormation::Resour ceVersion](#)	`TypeArn` or `TypeName`
[AWS::CustomerProfiles::Inte gration](#)	`DomainName`
[AWS::CustomerProfiles::Obje ctType](#)	`DomainName`
[AWS::EC2::TransitGatewayMul ticastGroupMember](#)	`TransitGatewayMulticastDomainId`
[AWS::EC2::TransitGatewayMul ticastGroupSource](#)	`TransitGatewayMulticastDomainId`
[AWS::ECS::TaskSet](#)	`Cluster`, `Service`, and `ID`
[AWS::EKS::AddOn](#)	`ClusterName`
[AWS::EKS::FargateProfile](#)	`ClusterName`
[AWS::ElasticLoadBalancingV2 ::Listener](#)	`LoadBalancerArn`
[AWS::ElasticLoadBalancingV2 ::ListenerRule](#)	`ListenerArn`
[AWS::Glue::Attach::SchemaVersion](#)	• `SchemaDefinition`, `Schema/Re gistryName`, and `Schema/Sc hemaName`

Resources	Required properties
	• SchemaDefinition and Schema/Sc hemaArn
AWS::Glue::Attach::SchemaVe rsionMetadata	SchemaVersionId
AWS::IoTSiteWise::AccessPolicy	• /AccessPolicyResource /Portal • /AccessPolicyResource /Project
AWS::IoTSiteWise::Dashboard	ProjectId
AWS::IoTSiteWise::Project	PortalId
AWS::Kendra::DataSource	IndexId
AWS::Kendra::Faq	IndexId
AWS::MediaConnect::FlowEnti tlement	FlowArn
AWS::MediaConnect::FlowOutput	FlowArn
AWS::MediaConnect::FlowSource	FlowArn
AWS::MediaConnect::FlowVpcI nterface	FlowArn
AWS::MediaPackage::Asset	PackagingGroupId
AWS::MediaPackage::Packagin gConfiguration	PackagingGroupId
AWS::NetworkFirewall::Loggi ngConfiguration	• FirewallArn • FirewallName
AWS::QuickSight::Analysis	AwsAccountId
AWS::QuickSight::Dashboard	AwsAccountId

Resources	Required properties
[AWS::QuickSight::DataSet](#)	AwsAccountId
[AWS::QuickSight::DataSource](#)	AwsAccountId
[AWS::QuickSight::Template](#)	AwsAccountId
[AWS::QuickSight::Theme](#)	AwsAccountId
[AWS::RDS::DBProxyTargetGroup](#)	DBProxyName
[AWS::S3Outposts::AccessPoint](#)	Bucket
[AWS::S3Outposts::Bucket](#)	OutpostId
[AWS::SSO::Assignment](#)	InstanceArn , PermissionSetArn , PrincipalId , PrincipalType , TargetId, and TargetType
[AWS::SSO::InstanceAccessControlAttributeConfiguration](#)	InstanceArn
[AWS::SSO::PermissionSet](#)	InstanceArn and PermissionSetArn
[AWS::WAFv2::WebACL](#)	Scope

Reading a resource's current state

Using a resource's primary identifier, you can call the `get-resource` command to retrieve detailed information about the resource. For information about retrieving a resource's primary identifier, see [Identifying resources](#).

The information returned by `get-resource` includes the resource's schema, which details the current state of the resource, including property values, supported events, and necessary permissions. For more information, see [Viewing resource type schemas](#).

The following example returns the current state of an `AWS::Logs::LogGroup` resource named `LogGroupResourceExample`. For `AWS::Logs::LogGroup` resources, the name of a log group is its primary identifier.

```
$ aws cloudcontrol get-resource --type-name AWS::Logs::LogGroup --identifier
 LogGroupResourceExample
```

Managing resource operation requests

Because resource operations are asynchronous, resource requests such as `create-resource` and `update-resource` return a `ProgressEvent` object that contains information about the current state of your resource create or update request.

For example, a resource create request might initially return the following `ProgressEvent` object.

```
{
    "ProgressEvent": {
        "EventTime": "2021-08-09T18:17:15.219Z",
        "TypeName": "AWS::Logs::LogGroup",
        "OperationStatus": "IN_PROGRESS",
        "Operation": "CREATE",
        "Identifier": "LogGroupResourceExample",
        "RequestToken": "5f40c577-3534-4b20-9599-0b0123456789"
    }
}
```

The information returned in the `ProgressEvent` object includes a request token that you can then use to track or cancel a resource operation request.

> **ⓘ Note**
>
> Resource operation requests expire after seven days.

Listing active resource operation requests

Use the `list-resource-requests` command to return a list of active resource operation requests for an AWS account and AWS Region. You can filter the list by request type and status.

Resource operation requests expire after seven days.

The following example returns active resource operation requests, but it filters out any resource create requests that are still in progress.

```
$ aws cloudcontrol list-resource-requests --resource-request-status-filter \
    Operations=CREATE,OperationStatuses=IN_PROGRESS
```

The information returned for each resource operation includes a request token that you can then use to track or cancel a resource operation request.

```
{
    "ResourceRequestStatusSummaries": [
        {
            "EventTime": "2021-08-09T18:17:16.591Z",
            "TypeName": "AWS::Logs::LogGroup",
            "OperationStatus": "SUCCESS",
            "Operation": "CREATE",
            "Identifier": "LogGroupResourceExample",
            "RequestToken": "5f40c577-3534-4b20-9599-0b0123456789"
        }
    ]
}
```

Tracking the progress of resource operation requests

Use the `get-resource-request-status` command to track the progress of your resource operation request. This command takes the request token included in the `ProgressEvent` object generated during the initial resource operation request. (You can also retrieve the request token for a resource operation request using the `list-resource-requests` command.) The `get-resource-request-status` command returns an updated `ProgressEvent` object containing information on the current state of the request.

See the following example.

```
$ aws cloudcontrol get-resource-request-status \
    --request-token 5f40c577-3534-4b20-9599-0b0123456789
```

Canceling resource operation requests

Use the `cancel-resource-request` command to cancel a resource operation request that is currently in progress. Because you can only perform a single operation on a given resource at a

time, there might be cases where you need to cancel the current resource operation to make the resource available so that another operation may be performed on it.

Canceling a resource request does not guarantee that Cloud Control API can immediately cancel all resource operations. Rather, Cloud Control API will stop making further calls to the resource event handler. A single resource operation request to Cloud Control API might actually consist of multiple calls to the underlying service that provisions the resource. Because of this, canceling a resource operation request might leave the request partially completed, resulting in only some of the requested changes being applied to the resource. Cloud Control API doesn't roll back the resource to its previous state.

Only resource operations requests with a status of `PENDING` or `IN_PROGRESS` can be canceled.

> **ⓘ Note**
>
> Although calling `CancelResourceRequest` cancels operations performed by Cloud Control API, it doesn't terminate any asynchronous operations that may have already started on downstream services.

Identifying resources

Every resource type has a property that is defined as its *primary identifier*. The value of this property must be unique for each resource of that type in a given AWS account and AWS Region. For example, many resource types include a `Name` property that must be unique for each resource of that type. In some cases, the primary identifier is defined as a combination of multiple properties that together form a unique identifier. By using this primary identifier, combined with the resource type, you can specify exactly which resource on which you want to perform resource operations such as `update-resource` or `delete-resource`.

In addition, some resource types define *secondary identifiers* that can also be used to uniquely identify resources of that type.

To determine which resource property (or combination of properties) is the primary identifier for a resource type, refer to the `primaryIdentifier` attribute of the resource type schema. The schema includes secondary identifiers defined, as well. For more information, see [Viewing resource type schemas](#).

Getting a resource's primary identifier

You can find the identifier *value* for a specific resource by using Cloud Control API commands. Each of the following commands returns a `ProgressEvent` object that contains the primary identifier of the specified resources:

- `cancel-resource-request`

- `create-resource`

- `get-resource-request-status`

- `list-resource-requests`

Using a resource's primary identifier

When using Cloud Control API commands, you can specify the primary identifier or any secondary identifier defined for the resource type in its resource schema. You can only specify one identifier. Primary identifiers can be specified as a string or JSON; secondary identifiers must be specified as JSON.

For compound primary identifiers (that is, one that consists of multiple resource properties strung together), to specify the primary identifier as a string, list the property values *in the order that they are specified* in the primary identifier definition, separated by |.

For example, the primary identifier for the resource is defined as:

`"primaryIdentifier": [ "/properties/DatabaseName", "/properties/ TableName" ]`

So, to specify the primary identifier of a resource as a string, you use the following format.

`DatabaseName|TableName`

For example, given a database with a database name of `MyDatabase` and table name of `MyTable`, you specify `MyDatabase|MyTable`.

For compound identifiers specified as JSON, property order is not required, as shown in the following example.

```
{
  "TableName": "MyTable",
  "DatabaseName": "MyDatabase"
}
```

For more information about resource identifiers, see [primaryidentifier](#) in the *CloudFormation Command Line Interface User Move for Extension Development.*

Using resource types

To use a resource type with AWS Cloud Control API, that resource type must be present and activated in your AWS account. Supported AWS resource types are public and always activated. You can choose to activate public resource types offered by third-party publishers as well. You do this, and other resource type management tasks, through the AWS CloudFormation extension registry.

The *extension registry* is a feature of AWS CloudFormation that contains detailed information about the resource types available for use in your account. These can include resource types published by third-parties, in addition to those published by AWS. Using the registry, you can manage the resource types in your account, including:

- View the available and activated resource types.

- Register private resource types for use in your account.

- Activate public third-party resource types.

- Manage the resource type *versions*, including setting the default version of a resource type in your account.

- Set account-level configuration properties of a resource type, if it has any.

You can also use the AWS CloudFormation registry to view a resource type's schema, which contains important information about how to use the resource with Cloud Control API, such as property definitions and permission requirements. For more information, see Viewing resource type schemas.

The registry is available through the CloudFormation console, in addition to the CloudFormation API.

> ⓘ **Note**
>
> Not all resource types listed in the CloudFormation registry currently support Cloud Control API. For more information, see Determining if a resource type supports Cloud Control API.

For more information about resource type management options, see Using the CloudFormation registry in the *AWS CloudFormation User Guide*.

Managing resource types using the AWS CloudFormation API

In addition to accessing the extension registry through the AWS CloudFormation console, you can use operations included in the AWS CloudFormation API to identify and manage the resource types in your account. The table below lists the API operations that you can use to discover, activate, and configure the resource types available in your account.

CloudFormation API operation	AWS CLI command	Description	
DescribeType	describe-type	Returns detailed information about a resource type.	
ListTypes	list-types	Returns summary information about a resource type.	
ActivateType	activate-type	Activates a public third-party resource type, making it available for use in your account.	
DeactivateType	deactivate-type	Deactivates a public third-party resource type in your account.	
ListTypeVersions	list-type-versions	Returns summary information about the versions of a resource type.	
SetTypeDefaultVersion	set-type-default-version	Specifies the default version of a resource type.	

CloudFormation API operation	AWS CLI command	Description	
BatchDescribeTypeConfigurations	batch-describe-type-configurations	Returns configuration data for the specified resource types.	
SetTypeConfiguration	set-type-configuration	Specifies the configuration data for a resource type in your account.	
RegisterType	register-type	Registers a private third-party resource, making it available for use in your account.	
DeregisterType	deregister-type	Deregisters a private third-party resource, removing it from active use in your account.	

Determining if a resource type supports Cloud Control API

By default, resource types published in the CloudFormation registry automatically support Cloud Control API resource operations. This includes private resource types, in addition to public third-party resource types. However, the AWS CloudFormation registry also contains legacy resource types, classified as *non-provisionable*. These resource types don't currently support Cloud Control API, and you can't use them in resource operations.

For a list of the AWS public resource types that currently support Cloud Control API resource operations, see Resource types that support Cloud Control API.

You can also use the AWS Command Line Interface (AWS CLI) to generate a list of supported resource types or to determine if a specific resource type supports Cloud Control API.

Generating a list of supported resources using the AWS CLI

- Use the `list-types` command, with the following parameters:

  - `type` – Specify `RESOURCE` to select only resource types.

  - `visibility` – Specify `PUBLIC` to select public resources or `PRIVATE` for private resources.

  - `provisioning-type` – Specify `FULLY_MUTABLE` or `IMMUTABLE` to select only those resource types that are provisionable.

  For example, the following command selects the first 100 public resource types that are fully mutable from the CloudFormation registry.

  ```
  $ aws cloudformation list-types \
      --type RESOURCE --visibility PUBLIC \
      --provisioning-type FULLY_MUTABLE --max-results 100
  ```

Determining if a specific resource type supports Cloud Control API using the AWS CLI

- Use the `describe-type` command to return details of the resource type.

  Resource types with a `ProvisioningType` of either `FULLY_MUTABLE` or `IMMUTABLE` support Cloud Control API resource operations.

  The following example returns details of the `AWS::Logs::LogGroup` resource type.

  ```
  $ aws cloudformation describe-type \
      --type RESOURCE --type-name AWS::Logs::LogGroup
  ```

Viewing resource type schemas

During resource create and update operations, you specify which resource properties to set and their values. The properties of a resource are defined in its *resource type schema*. This includes data type, whether the property is required, valid values, and other property constraints.

You can view a resource type's schema using the CloudFormation console or the AWS CLI. In addition, the *AWS CloudFormation User Guide* contains reference topics for each available resource type that AWS publishes. For detailed information about resource type properties, in addition to

usage examples, see the corresponding topics in the [AWS resource and property types reference](#) section.

> **ⓘ Note**
>
> Not all resource types listed in the *AWS CloudFormation User Guide* are available for use with Cloud Control API. To determine if a resource type is available, see [Resource types that support Cloud Control API](#).

For detailed information about the resource type definition schema, which defines how resource type schema can be authored, see [Resource type definition schema](#) in the *CloudFormation CLI User Guide for Extension Development*.

For information about how to view an existing resource's current state, which includes its current property values, see [Reading a resource's current state](#).

Viewing a resource type schema using the AWS CloudFormation console

1. Sign in to the AWS Management Console and open the AWS CloudFormation console at https://console.aws.amazon.com/cloudformation.
2. In the **CloudFormation** navigation pane, under **Registry**, select **Activated extensions**.
3. On the **Resource types** tab, select the resource type that you want to view the resource schema of.

    CloudFormation displays the resource type details page. The resource schema is displayed on the **Schema** tab.

Viewing a resource type schema using the AWS CLI

*   Run [describe-type](#).

    In the returned output, the Schema structure contains the resource type schema.

    For example, the following command returns information about the AWS::Logs::LogGroup resource type.

    ```
    $ aws cloudformation describe-type \
        --type RESOURCE --type-name AWS::Logs::LogGroup
    ```

Viewing resource property attributes

Resource type properties are defined in the `properties` section of the resource type schema. This includes the property data type, whether the property is required, and any constraints such as allowable values or required patterns.

In addition, certain attributes set at the resource level govern when or if a property can be specified. This includes:

- Properties defined as `required` must be specified in the desired state during resource creation.
- Properties defined as `createOnlyProperties` can be set by users, but only during resource creation.
- Properties defined as `readOnlyProperties` can't be set by users.
- Properties defined as `writeOnlyProperties` can be specified by users when creating or updating a resource but can't be returned during a read or list request.

Viewing supported resource operations

You can determine which operations a resource type supports by referring to the `handlers` section of its resource type schema. If the resource type supports an operation, it's listed in the `handlers` section, and it contains a `permissions` element that lists the permissions that the handler requires.

For example, below is the `handlers` section of the resource type schema for the `AWS::Logs::LogGroup` resource type. This section shows that this resource type supports all five resource operations, and lists the permissions that each handler requires.

```
"handlers": {
  "create": {
    "permissions": [
      "logs:DescribeLogGroups",
      "logs:CreateLogGroup",
      "logs:PutRetentionPolicy"
    ]
  },
  "read": {
    "permissions": [
      "logs:DescribeLogGroups"
    ]
```

```
    },
    "update": {
      "permissions": [
        "logs:DescribeLogGroups",
        "logs:AssociateKmsKey",
        "logs:DisassociateKmsKey",
        "logs:PutRetentionPolicy",
        "logs:DeleteRetentionPolicy"
      ]
    },
    "delete": {
      "permissions": [
        "logs:DescribeLogGroups",
        "logs:DeleteLogGroup"
      ]
    },
    "list": {
      "permissions": [
        "logs:DescribeLogGroups"
      ]
    }
  }
}
```

Resource types that support Cloud Control API

The following table lists the public resource types published by AWS that currently support AWS Cloud Control API, organized by service. Each resource type name links to the corresponding reference topic for that resource type in the [Resource and property types reference](#) section of the *AWS CloudFormation User Guide*.

Third-party resource types, both public and private, support Cloud Control API.

For information about how to determine if a specific resource type supports Cloud Control API, see [Determining if a resource type supports Cloud Control API](#). For more information about using resource types, see [Using resource types](#).

Table last updated: April 18, 2024

Resource	Create	Read	Update	Delete	List
[AWS::AccessAnalyzer::Analyzer](#)	Create	Read	Update	Delete	List
[AWS::ACMPCA::Certificate](#)	Create	Read	Update	Delete	
[AWS::ACMPCA::CertificateAuthority](#)	Create	Read	Update	Delete	List
[AWS::ACMPCA::CertificateAuthorityActivation](#)	Create	Read	Update	Delete	
[AWS::ACMPCA::Permission](#)	Create	Read		Delete	
[AWS::Amplify::App](#)	Create	Read	Update	Delete	List
[AWS::Amplify::Branch](#)	Create	Read	Update	Delete	List
[AWS::Amplify::Domain](#)	Create	Read	Update	Delete	List
[AWS::AmplifyUIBuilder::Component](#)	Create	Read	Update	Delete	List
[AWS::AmplifyUIBuilder::Form](#)	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::AmplifyUIBuilder::Theme`	Create	Read	Update	Delete	List
`AWS::ApiGateway::Account`	Create	Read	Update	Delete	
`AWS::ApiGateway::ApiKey`	Create	Read	Update	Delete	List
`AWS::ApiGateway::Authorizer`	Create	Read	Update	Delete	List
`AWS::ApiGateway::BasePathMapping`	Create	Read	Update	Delete	List
`AWS::ApiGateway::ClientCertificate`	Create	Read	Update	Delete	List
`AWS::ApiGateway::Deployment`	Create	Read	Update	Delete	List
`AWS::ApiGateway::DocumentationPart`	Create	Read	Update	Delete	List
`AWS::ApiGateway::DocumentationVersion`	Create	Read	Update	Delete	List
`AWS::ApiGateway::DomainName`	Create	Read	Update	Delete	List
`AWS::ApiGateway::GatewayResponse`	Create		Update	Delete	List
`AWS::ApiGateway::Method`	Create	Read	Update	Delete	
`AWS::ApiGateway::Model`	Create	Read	Update	Delete	List
`AWS::ApiGateway::RequestValidator`	Create	Read	Update	Delete	List
`AWS::ApiGateway::Resource`	Create	Read	Update	Delete	List
`AWS::ApiGateway::RestApi`	Create	Read	Update	Delete	List
`AWS::ApiGateway::Stage`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::ApiGateway::UsagePlan	Create	Read	Update	Delete	List
AWS::ApiGateway::UsagePlanKey	Create	Read		Delete	List
AWS::ApiGateway::VpcLink	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::Api	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::ApiMapping	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::Authorizer	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::Deployment	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::DomainName	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::IntegrationResponse	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::Model	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::Route	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::RouteResponse	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::VpcLink	Create	Read	Update	Delete	List
AWS::AppConfig::Application	Create	Read	Update	Delete	List
AWS::AppConfig::ConfigurationProfile	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::AppConfig::Environment`	Create	Read	Update	Delete	List
`AWS::AppConfig::Extension`	Create	Read	Update	Delete	List
`AWS::AppConfig::ExtensionAssociation`	Create	Read	Update	Delete	List
`AWS::AppConfig::HostedConfigurationVersion`	Create	Read		Delete	List
`AWS::AppFlow::Connector`	Create	Read	Update	Delete	List
`AWS::AppFlow::ConnectorProfile`	Create	Read	Update	Delete	List
`AWS::AppFlow::Flow`	Create	Read	Update	Delete	List
`AWS::AppIntegrations::Application`	Create	Read	Update	Delete	List
`AWS::AppIntegrations::DataIntegration`	Create	Read	Update	Delete	List
`AWS::AppIntegrations::EventIntegration`	Create	Read	Update	Delete	List
`AWS::ApplicationAutoScaling::ScalableTarget`	Create	Read	Update	Delete	List
`AWS::ApplicationAutoScaling::ScalingPolicy`	Create	Read	Update	Delete	List
`AWS::ApplicationInsights::Application`	Create	Read	Update	Delete	List
`AWS::AppRunner::AutoScalingConfiguration`	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::AppRunner::ObservabilityConfiguration`	Create	Read		Delete	List
`AWS::AppRunner::Service`	Create	Read	Update	Delete	List
`AWS::AppRunner::VpcConnector`	Create	Read		Delete	List
`AWS::AppRunner::VpcIngressConnection`	Create	Read	Update	Delete	List
`AWS::AppStream::AppBlock`	Create	Read		Delete	
`AWS::AppStream::AppBlockBuilder`	Create	Read	Update	Delete	List
`AWS::AppStream::Application`	Create	Read	Update	Delete	
`AWS::AppStream::ApplicationEntitlementAssociation`	Create	Read		Delete	
`AWS::AppStream::ApplicationFleetAssociation`	Create	Read		Delete	
`AWS::AppStream::DirectoryConfig`	Create	Read	Update	Delete	List
`AWS::AppStream::Entitlement`	Create	Read	Update	Delete	
`AWS::AppStream::ImageBuilder`	Create	Read		Delete	List
`AWS::AppSync::DomainName`	Create	Read	Update	Delete	List
`AWS::AppSync::DomainNameApiAssociation`	Create	Read	Update	Delete	
`AWS::AppSync::FunctionConfiguration`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::AppSync::Resolver	Create	Read	Update	Delete	List
AWS::AppSync::SourceApiAssociation	Create	Read	Update	Delete	List
AWS::APS::RuleGroupsNamespace	Create	Read	Update	Delete	List
AWS::APS::Scraper	Create	Read	Update	Delete	List
AWS::APS::Workspace	Create	Read	Update	Delete	List
AWS::ARCZonalShift::ZonalAutoshiftConfiguration	Create	Read	Update	Delete	List
AWS::Athena::CapacityReservation	Create	Read	Update	Delete	List
AWS::Athena::DataCatalog	Create	Read	Update	Delete	List
AWS::Athena::NamedQuery	Create	Read		Delete	List
AWS::Athena::PreparedStatement	Create	Read	Update	Delete	List
AWS::Athena::WorkGroup	Create	Read	Update	Delete	List
AWS::AuditManager::Assessment	Create	Read	Update	Delete	List
AWS::AutoScaling::AutoScalingGroup	Create	Read	Update	Delete	List
AWS::AutoScaling::LaunchConfiguration	Create	Read		Delete	List
AWS::AutoScaling::LifecycleHook	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::AutoScaling::ScalingPolicy	Create	Read	Update	Delete	List
AWS::AutoScaling::ScheduledAction	Create	Read	Update	Delete	List
AWS::AutoScaling::WarmPool	Create	Read	Update	Delete	
AWS::B2BI::Capability	Create	Read	Update	Delete	List
AWS::B2BI::Partnership	Create	Read	Update	Delete	List
AWS::B2BI::Profile	Create	Read	Update	Delete	List
AWS::B2BI::Transformer	Create	Read	Update	Delete	List
AWS::Backup::BackupPlan	Create	Read	Update	Delete	List
AWS::Backup::BackupSelection	Create	Read		Delete	List
AWS::Backup::BackupVault	Create	Read	Update	Delete	List
AWS::Backup::Framework	Create	Read	Update	Delete	List
AWS::Backup::ReportPlan	Create	Read	Update	Delete	List
AWS::Backup::RestoreTestingPlan	Create	Read	Update	Delete	List
AWS::Backup::RestoreTestingSelection	Create	Read	Update	Delete	List
AWS::BackupGateway::Hypervisor	Create	Read	Update	Delete	List
AWS::Batch::ComputeEnvironment	Create	Read	Update	Delete	List
AWS::Batch::JobQueue	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::Batch::SchedulingPolicy`	Create	Read	Update	Delete	List
`AWS::BCMDataExports::Export`	Create	Read	Update	Delete	List
`AWS::Bedrock::Agent`	Create	Read	Update	Delete	List
`AWS::Bedrock::AgentAlias`	Create	Read	Update	Delete	List
`AWS::Bedrock::DataSource`	Create	Read	Update	Delete	List
`AWS::Bedrock::KnowledgeBase`	Create	Read	Update	Delete	List
`AWS::BillingConductor::BillingGroup`	Create	Read	Update	Delete	List
`AWS::BillingConductor::CustomLineItem`	Create	Read	Update	Delete	List
`AWS::BillingConductor::PricingPlan`	Create	Read	Update	Delete	List
`AWS::BillingConductor::PricingRule`	Create	Read	Update	Delete	List
`AWS::Budgets::BudgetsAction`	Create	Read	Update	Delete	List
`AWS::Cassandra::Keyspace`	Create	Read	Update	Delete	List
`AWS::Cassandra::Table`	Create	Read	Update	Delete	List
`AWS::CE::AnomalyMonitor`	Create	Read	Update	Delete	List
`AWS::CE::AnomalySubscription`	Create	Read	Update	Delete	List
`AWS::CE::CostCategory`	Create	Read	Update	Delete	List
`AWS::CertificateManager::Account`	Create	Read	Update	Delete	

Resource	Create	Read	Update	Delete	List
[AWS::Chatbot::MicrosoftTeamsChannelConfiguration](#)	Create	Read	Update	Delete	List
[AWS::Chatbot::SlackChannelConfiguration](#)	Create	Read	Update	Delete	List
[AWS::CleanRooms::AnalysisTemplate](#)	Create	Read	Update	Delete	List
[AWS::CleanRooms::Collaboration](#)	Create	Read	Update	Delete	List
[AWS::CleanRooms::ConfiguredTable](#)	Create	Read	Update	Delete	List
[AWS::CleanRooms::ConfiguredTableAssociation](#)	Create	Read	Update	Delete	List
[AWS::CleanRooms::Membership](#)	Create	Read	Update	Delete	List
[AWS::CleanRooms::PrivacyBudgetTemplate](#)	Create	Read	Update	Delete	List
[AWS::CleanRoomsML::TrainingDataset](#)	Create	Read	Update	Delete	List
[AWS::CloudFormation::HookDefaultVersion](#)	Create	Read	Update	Delete	List
[AWS::CloudFormation::HookTypeConfig](#)	Create	Read	Update	Delete	List
[AWS::CloudFormation::HookVersion](#)	Create	Read		Delete	List
[AWS::CloudFormation::ModuleDefaultVersion](#)	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
[AWS::CloudFormation::Module Version](#)	Create	Read		Delete	
[AWS::CloudFormation::Public TypeVersion](#)	Create	Read		Delete	List
[AWS::CloudFormation::Publisher](#)	Create	Read		Delete	List
[AWS::CloudFormation::ResourceDefaultVersion](#)	Create	Read	Update	Delete	List
[AWS::CloudFormation::ResourceVersion](#)	Create	Read		Delete	List
[AWS::CloudFormation::Stack](#)	Create	Read	Update	Delete	List
[AWS::CloudFormation::StackSet](#)	Create	Read	Update	Delete	List
[AWS::CloudFormation::TypeActivation](#)	Create	Read	Update	Delete	List
[AWS::CloudFront::CachePolicy](#)	Create	Read	Update	Delete	List
[AWS::CloudFront::CloudFrontOriginAccessIdentity](#)	Create	Read	Update	Delete	List
[AWS::CloudFront::ContinuousDeploymentPolicy](#)	Create	Read	Update	Delete	List
[AWS::CloudFront::Distribution](#)	Create	Read	Update	Delete	List
[AWS::CloudFront::Function](#)	Create	Read	Update	Delete	List
[AWS::CloudFront::KeyGroup](#)	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::CloudFront::KeyValueStore	Create	Read	Update	Delete	List
AWS::CloudFront::MonitoringSubscription	Create	Read		Delete	
AWS::CloudFront::OriginAccessControl	Create	Read	Update	Delete	List
AWS::CloudFront::OriginRequestPolicy	Create	Read	Update	Delete	List
AWS::CloudFront::PublicKey	Create	Read	Update	Delete	List
AWS::CloudFront::RealtimeLogConfig	Create	Read	Update	Delete	List
AWS::CloudFront::ResponseHeadersPolicy	Create	Read	Update	Delete	List
AWS::CloudTrail::Channel	Create	Read	Update	Delete	List
AWS::CloudTrail::EventDataStore	Create	Read	Update	Delete	List
AWS::CloudTrail::ResourcePolicy	Create	Read	Update	Delete	
AWS::CloudTrail::Trail	Create	Read	Update	Delete	List
AWS::CloudWatch::Alarm	Create	Read	Update	Delete	List
AWS::CloudWatch::CompositeAlarm	Create	Read	Update	Delete	List
AWS::CloudWatch::MetricStream	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::CodeArtifact::Domain	Create	Read	Update	Delete	List
AWS::CodeArtifact::PackageGroup	Create	Read	Update	Delete	List
AWS::CodeArtifact::Repository	Create	Read	Update	Delete	List
AWS::CodeBuild::Fleet	Create	Read	Update	Delete	List
AWS::CodeConnections::Connection	Create	Read	Update	Delete	List
AWS::CodeDeploy::Application	Create	Read	Update	Delete	List
AWS::CodeDeploy::DeploymentConfig	Create	Read		Delete	List
AWS::CodeGuruProfiler::ProfilingGroup	Create	Read	Update	Delete	List
AWS::CodeGuruReviewer::RepositoryAssociation	Create	Read		Delete	List
AWS::CodePipeline::CustomActionType	Create	Read	Update	Delete	List
AWS::CodeStarConnections::Connection	Create	Read	Update	Delete	List
AWS::CodeStarConnections::RepositoryLink	Create	Read	Update	Delete	List
AWS::CodeStarConnections::SyncConfiguration	Create	Read	Update	Delete	List
AWS::CodeStarNotifications::NotificationRule	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::Cognito::IdentityPool`	Create	Read	Update	Delete	List
`AWS::Cognito::IdentityPoolPrincipalTag`	Create	Read	Update	Delete	List
`AWS::Cognito::IdentityPoolRoleAttachment`	Create	Read	Update	Delete	List
`AWS::Cognito::LogDeliveryConfiguration`	Create	Read	Update	Delete	
`AWS::Cognito::UserPool`	Create	Read	Update	Delete	List
`AWS::Cognito::UserPoolClient`	Create	Read	Update	Delete	List
`AWS::Cognito::UserPoolGroup`	Create	Read	Update	Delete	List
`AWS::Cognito::UserPoolRiskConfigurationAttachment`	Create	Read	Update	Delete	
`AWS::Cognito::UserPoolUser`	Create	Read		Delete	List
`AWS::Cognito::UserPoolUserToGroupAttachment`	Create	Read		Delete	
`AWS::Comprehend::DocumentClassifier`	Create	Read	Update	Delete	List
`AWS::Comprehend::Flywheel`	Create	Read	Update	Delete	List
`AWS::Config::AggregationAuthorization`	Create	Read	Update	Delete	List
`AWS::Config::ConfigRule`	Create	Read	Update	Delete	List
`AWS::Config::ConfigurationAggregator`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::Config::ConformancePack`	Create	Read	Update	Delete	List
`AWS::Config::OrganizationCo nformancePack`	Create	Read	Update	Delete	List
`AWS::Config::StoredQuery`	Create	Read	Update	Delete	List
`AWS::Connect::ApprovedOrigin`	Create	Read	Update	Delete	List
`AWS::Connect::ContactFlow`	Create	Read	Update	Delete	List
`AWS::Connect::ContactFlowMo dule`	Create	Read	Update	Delete	List
`AWS::Connect::EvaluationForm`	Create	Read	Update	Delete	List
`AWS::Connect::HoursOfOperat ion`	Create	Read	Update	Delete	List
`AWS::Connect::Instance`	Create	Read	Update	Delete	List
`AWS::Connect::InstanceStora geConfig`	Create	Read	Update	Delete	List
`AWS::Connect::IntegrationAs sociation`	Create	Read	Update	Delete	List
`AWS::Connect::PhoneNumber`	Create	Read	Update	Delete	List
`AWS::Connect::PredefinedAtt ribute`	Create	Read	Update	Delete	List
`AWS::Connect::Prompt`	Create	Read	Update	Delete	List
`AWS::Connect::Queue`	Create	Read	Update	Delete	List
`AWS::Connect::QuickConnect`	Create	Read	Update	Delete	List
`AWS::Connect::RoutingProfile`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Connect::Rule	Create	Read	Update	Delete	
AWS::Connect::SecurityKey	Create	Read	Update	Delete	List
AWS::Connect::SecurityProfile	Create	Read	Update	Delete	List
AWS::Connect::TaskTemplate	Create	Read	Update	Delete	List
AWS::Connect::TrafficDistributionGroup	Create	Read	Update	Delete	List
AWS::Connect::User	Create	Read	Update	Delete	List
AWS::Connect::UserHierarchyGroup	Create	Read	Update	Delete	List
AWS::Connect::View	Create	Read	Update	Delete	List
AWS::Connect::ViewVersion	Create	Read	Update	Delete	List
AWS::ConnectCampaigns::Campaign	Create	Read	Update	Delete	List
AWS::ControlTower::EnabledBaseline	Create	Read	Update	Delete	List
AWS::ControlTower::EnabledControl	Create	Read	Update	Delete	List
AWS::ControlTower::LandingZone	Create	Read	Update	Delete	List
AWS::CUR::ReportDefinition	Create	Read	Update	Delete	List
AWS::CustomerProfiles::CalculatedAttributeDefinition	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::CustomerProfiles::Domain`	Create	Read	Update	Delete	List
`AWS::CustomerProfiles::EventStream`	Create	Read	Update	Delete	List
`AWS::CustomerProfiles::Integration`	Create	Read	Update	Delete	List
`AWS::CustomerProfiles::ObjectType`	Create	Read	Update	Delete	List
`AWS::DataBrew::Dataset`	Create	Read	Update	Delete	List
`AWS::DataBrew::Job`	Create	Read	Update	Delete	List
`AWS::DataBrew::Project`	Create	Read	Update	Delete	List
`AWS::DataBrew::Recipe`	Create	Read	Update	Delete	List
`AWS::DataBrew::Ruleset`	Create	Read	Update	Delete	List
`AWS::DataBrew::Schedule`	Create	Read	Update	Delete	List
`AWS::DataPipeline::Pipeline`	Create	Read	Update	Delete	List
`AWS::DataSync::Agent`	Create	Read	Update	Delete	List
`AWS::DataSync::LocationAzureBlob`	Create	Read	Update	Delete	List
`AWS::DataSync::LocationEFS`	Create	Read	Update	Delete	List
`AWS::DataSync::LocationFSxLustre`	Create	Read	Update	Delete	List
`AWS::DataSync::LocationFSxONTAP`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
[AWS::DataSync::LocationFSxOpenZFS](#)	Create	Read	Update	Delete	List
[AWS::DataSync::LocationFSxWindows](#)	Create	Read	Update	Delete	List
[AWS::DataSync::LocationHDFS](#)	Create	Read	Update	Delete	List
[AWS::DataSync::LocationNFS](#)	Create	Read	Update	Delete	List
[AWS::DataSync::LocationObjectStorage](#)	Create	Read	Update	Delete	List
[AWS::DataSync::LocationS3](#)	Create	Read	Update	Delete	List
[AWS::DataSync::LocationSMB](#)	Create	Read	Update	Delete	List
[AWS::DataSync::StorageSystem](#)	Create	Read	Update	Delete	List
[AWS::DataSync::Task](#)	Create	Read	Update	Delete	List
[AWS::DataZone::DataSource](#)	Create	Read	Update	Delete	List
[AWS::DataZone::Domain](#)	Create	Read	Update	Delete	List
[AWS::DataZone::Environment](#)	Create	Read	Update	Delete	List
[AWS::DataZone::EnvironmentBlueprintConfiguration](#)	Create	Read	Update	Delete	List
[AWS::DataZone::EnvironmentProfile](#)	Create	Read	Update	Delete	List
[AWS::DataZone::Project](#)	Create	Read	Update	Delete	List
[AWS::DataZone::SubscriptionTarget](#)	Create	Read	Update	Delete	List
[AWS::Deadline::Farm](#)	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::Deadline::Fleet`	Create	Read	Update	Delete	List
`AWS::Deadline::LicenseEndpoint`	Create	Read		Delete	List
`AWS::Deadline::MeteredProduct`	Create	Read		Delete	List
`AWS::Deadline::Queue`	Create	Read	Update	Delete	List
`AWS::Deadline::QueueEnvironment`	Create	Read	Update	Delete	List
`AWS::Deadline::QueueFleetAssociation`	Create	Read		Delete	List
`AWS::Deadline::StorageProfile`	Create	Read	Update	Delete	List
`AWS::Detective::Graph`	Create	Read	Update	Delete	List
`AWS::Detective::MemberInvitation`	Create	Read	Update	Delete	List
`AWS::Detective::OrganizationAdmin`	Create	Read	Update	Delete	List
`AWS::DeviceFarm::DevicePool`	Create	Read	Update	Delete	List
`AWS::DeviceFarm::InstanceProfile`	Create	Read	Update	Delete	List
`AWS::DeviceFarm::NetworkProfile`	Create	Read	Update	Delete	List
`AWS::DeviceFarm::Project`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::DeviceFarm::TestGridProject	Create	Read	Update	Delete	List
AWS::DeviceFarm::VPCEConfiguration	Create	Read	Update	Delete	List
AWS::DevOpsGuru::LogAnomalyDetectionIntegration	Create	Read	Update	Delete	List
AWS::DevOpsGuru::NotificationChannel	Create	Read		Delete	List
AWS::DevOpsGuru::ResourceCollection	Create	Read	Update	Delete	List
AWS::DirectoryService::SimpleAD	Create	Read	Update	Delete	List
AWS::DMS::DataProvider	Create	Read	Update	Delete	List
AWS::DMS::InstanceProfile	Create	Read	Update	Delete	List
AWS::DMS::MigrationProject	Create	Read	Update	Delete	List
AWS::DMS::ReplicationConfig	Create	Read	Update	Delete	List
AWS::DocDBElastic::Cluster	Create	Read	Update	Delete	List
AWS::DynamoDB::GlobalTable	Create	Read	Update	Delete	List
AWS::DynamoDB::Table	Create	Read	Update	Delete	List
AWS::EC2::CapacityReservation	Create	Read	Update	Delete	List
AWS::EC2::CapacityReservationFleet	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::EC2::CarrierGateway`	Create	Read	Update	Delete	List
`AWS::EC2::CustomerGateway`	Create	Read	Update	Delete	List
`AWS::EC2::DHCPOptions`	Create	Read	Update	Delete	List
`AWS::EC2::EC2Fleet`	Create	Read	Update	Delete	List
`AWS::EC2::EgressOnlyInternetGateway`	Create	Read		Delete	List
`AWS::EC2::EIP`	Create	Read	Update	Delete	List
`AWS::EC2::EIPAssociation`	Create	Read		Delete	List
`AWS::EC2::EnclaveCertificateIamRoleAssociation`	Create	Read		Delete	List
`AWS::EC2::FlowLog`	Create	Read	Update	Delete	List
`AWS::EC2::GatewayRouteTableAssociation`	Create	Read	Update	Delete	
`AWS::EC2::Host`	Create	Read	Update	Delete	List
`AWS::EC2::Instance`	Create	Read	Update	Delete	List
`AWS::EC2::InstanceConnectEndpoint`	Create	Read	Update	Delete	List
`AWS::EC2::InternetGateway`	Create	Read	Update	Delete	List
`AWS::EC2::IPAM`	Create	Read	Update	Delete	List
`AWS::EC2::IPAMAllocation`	Create	Read		Delete	List
`AWS::EC2::IPAMPool`	Create	Read	Update	Delete	List
`AWS::EC2::IPAMPoolCidr`	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
[AWS::EC2::IPAMResourceDiscovery](#)	Create	Read	Update	Delete	List
[AWS::EC2::IPAMResourceDiscoveryAssociation](#)	Create	Read	Update	Delete	List
[AWS::EC2::IPAMScope](#)	Create	Read	Update	Delete	List
[AWS::EC2::KeyPair](#)	Create	Read		Delete	List
[AWS::EC2::LaunchTemplate](#)	Create	Read	Update	Delete	List
[AWS::EC2::LocalGatewayRoute](#)	Create	Read	Update	Delete	List
[AWS::EC2::LocalGatewayRouteTable](#)	Create	Read	Update	Delete	List
[AWS::EC2::LocalGatewayRouteTableVirtualInterfaceGroupAssociation](#)	Create	Read	Update	Delete	List
[AWS::EC2::LocalGatewayRouteTableVPCAssociation](#)	Create	Read	Update	Delete	List
[AWS::EC2::NatGateway](#)	Create	Read	Update	Delete	List
[AWS::EC2::NetworkAcl](#)	Create	Read	Update	Delete	List
[AWS::EC2::NetworkAclEntry](#)	Create		Update	Delete	
[AWS::EC2::NetworkInsightsAccessScope](#)	Create	Read	Update	Delete	List
[AWS::EC2::NetworkInsightsAccessScopeAnalysis](#)	Create	Read	Update	Delete	List
[AWS::EC2::NetworkInsightsAnalysis](#)	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::EC2::NetworkInsightsPath`	Create	Read	Update	Delete	List
`AWS::EC2::NetworkInterface`	Create	Read	Update	Delete	List
`AWS::EC2::NetworkInterfaceAttachment`	Create	Read	Update	Delete	List
`AWS::EC2::NetworkPerformanceMetricSubscription`	Create	Read		Delete	List
`AWS::EC2::PlacementGroup`	Create	Read		Delete	List
`AWS::EC2::PrefixList`	Create	Read	Update	Delete	List
`AWS::EC2::Route`	Create	Read	Update	Delete	List
`AWS::EC2::RouteTable`	Create	Read	Update	Delete	List
`AWS::EC2::SecurityGroup`	Create	Read	Update	Delete	List
`AWS::EC2::SecurityGroupEgress`	Create	Read	Update	Delete	List
`AWS::EC2::SecurityGroupIngress`	Create	Read	Update	Delete	List
`AWS::EC2::SnapshotBlockPublicAccess`	Create	Read	Update	Delete	List
`AWS::EC2::SpotFleet`	Create	Read	Update	Delete	List
`AWS::EC2::Subnet`	Create	Read	Update	Delete	List
`AWS::EC2::SubnetCidrBlock`	Create	Read		Delete	List
`AWS::EC2::SubnetNetworkAclAssociation`	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
AWS::EC2::SubnetRouteTableAssociation	Create	Read		Delete	List
AWS::EC2::TransitGateway	Create	Read	Update	Delete	List
AWS::EC2::TransitGatewayAttachment	Create	Read	Update	Delete	List
AWS::EC2::TransitGatewayConnect	Create	Read	Update	Delete	List
AWS::EC2::TransitGatewayMulticastDomain	Create	Read	Update	Delete	List
AWS::EC2::TransitGatewayMulticastDomainAssociation	Create	Read		Delete	List
AWS::EC2::TransitGatewayMulticastGroupMember	Create	Read		Delete	List
AWS::EC2::TransitGatewayMulticastGroupSource	Create	Read		Delete	List
AWS::EC2::TransitGatewayPeeringAttachment	Create	Read	Update	Delete	List
AWS::EC2::TransitGatewayRouteTable	Create	Read		Delete	List
AWS::EC2::TransitGatewayRouteTableAssociation	Create	Read		Delete	List
AWS::EC2::TransitGatewayVpcAttachment	Create	Read	Update	Delete	List
AWS::EC2::VerifiedAccessEndpoint	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::EC2::VerifiedAccessGroup`	Create	Read	Update	Delete	List
`AWS::EC2::VerifiedAccessInstance`	Create	Read	Update	Delete	List
`AWS::EC2::VerifiedAccessTrustProvider`	Create	Read	Update	Delete	List
`AWS::EC2::Volume`	Create	Read	Update	Delete	List
`AWS::EC2::VolumeAttachment`	Create	Read		Delete	List
`AWS::EC2::VPC`	Create	Read	Update	Delete	List
`AWS::EC2::VPCCidrBlock`	Create	Read		Delete	List
`AWS::EC2::VPCDHCPOptionsAssociation`	Create	Read	Update	Delete	List
`AWS::EC2::VPCEndpoint`	Create	Read	Update	Delete	List
`AWS::EC2::VPCEndpointConnectionNotification`	Create	Read	Update	Delete	List
`AWS::EC2::VPCEndpointService`	Create	Read	Update	Delete	List
`AWS::EC2::VPCEndpointServicePermissions`	Create	Read	Update	Delete	List
`AWS::EC2::VPCGatewayAttachment`	Create	Read	Update	Delete	List
`AWS::EC2::VPCPeeringConnection`	Create	Read	Update	Delete	List
`AWS::EC2::VPNConnection`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::EC2::VPNConnectionRoute`	Create	Read		Delete	List
`AWS::EC2::VPNGateway`	Create	Read	Update	Delete	List
`AWS::ECR::PublicRepository`	Create	Read	Update	Delete	List
`AWS::ECR::PullThroughCacheRule`	Create	Read	Update	Delete	List
`AWS::ECR::RegistryPolicy`	Create	Read	Update	Delete	List
`AWS::ECR::ReplicationConfiguration`	Create	Read	Update	Delete	List
`AWS::ECR::Repository`	Create	Read	Update	Delete	List
`AWS::ECR::RepositoryCreationTemplate`	Create	Read	Update	Delete	List
`AWS::ECS::CapacityProvider`	Create	Read	Update	Delete	List
`AWS::ECS::Cluster`	Create	Read	Update	Delete	List
`AWS::ECS::ClusterCapacityProviderAssociations`	Create	Read	Update	Delete	List
`AWS::ECS::PrimaryTaskSet`	Create	Read	Update	Delete	
`AWS::ECS::Service`	Create	Read	Update	Delete	List
`AWS::ECS::TaskDefinition`	Create	Read	Update	Delete	List
`AWS::ECS::TaskSet`	Create	Read	Update	Delete	
`AWS::EFS::AccessPoint`	Create	Read	Update	Delete	List
`AWS::EFS::FileSystem`	Create	Read	Update	Delete	List
`AWS::EFS::MountTarget`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::EKS::AccessEntry`	Create	Read	Update	Delete	List
`AWS::EKS::Addon`	Create	Read	Update	Delete	List
`AWS::EKS::Cluster`	Create	Read	Update	Delete	List
`AWS::EKS::FargateProfile`	Create	Read	Update	Delete	List
`AWS::EKS::IdentityProviderConfig`	Create	Read	Update	Delete	List
`AWS::EKS::Nodegroup`	Create	Read	Update	Delete	List
`AWS::EKS::PodIdentityAssociation`	Create	Read	Update	Delete	List
`AWS::ElastiCache::GlobalReplicationGroup`	Create	Read	Update	Delete	List
`AWS::ElastiCache::ServerlessCache`	Create	Read	Update	Delete	List
`AWS::ElastiCache::SubnetGroup`	Create	Read	Update	Delete	List
`AWS::ElastiCache::User`	Create	Read	Update	Delete	List
`AWS::ElastiCache::UserGroup`	Create	Read	Update	Delete	List
`AWS::ElasticBeanstalk::Application`	Create	Read	Update	Delete	List
`AWS::ElasticBeanstalk::ApplicationVersion`	Create	Read	Update	Delete	List
`AWS::ElasticBeanstalk::ConfigurationTemplate`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
[AWS::ElasticBeanstalk::Environment](#)	Create	Read	Update	Delete	List
[AWS::ElasticLoadBalancingV2::Listener](#)	Create	Read	Update	Delete	List
[AWS::ElasticLoadBalancingV2::ListenerRule](#)	Create	Read	Update	Delete	List
[AWS::ElasticLoadBalancingV2::LoadBalancer](#)	Create	Read	Update	Delete	List
[AWS::ElasticLoadBalancingV2::TargetGroup](#)	Create	Read	Update	Delete	List
[AWS::ElasticLoadBalancingV2::TrustStore](#)	Create	Read	Update	Delete	List
[AWS::ElasticLoadBalancingV2::TrustStoreRevocation](#)	Create	Read		Delete	List
[AWS::EMR::SecurityConfiguration](#)	Create	Read		Delete	List
[AWS::EMR::Step](#)	Create			Delete	
[AWS::EMR::Studio](#)	Create	Read	Update	Delete	List
[AWS::EMR::StudioSessionMapping](#)	Create	Read	Update	Delete	List
[AWS::EMR::WALWorkspace](#)	Create	Read	Update	Delete	List
[AWS::EMRContainers::VirtualCluster](#)	Create	Read	Update	Delete	List
[AWS::EMRServerless::Application](#)	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
[AWS::EntityResolution::IdMappingWorkflow](#)	Create	Read	Update	Delete	List
[AWS::EntityResolution::IdNamespace](#)	Create	Read	Update	Delete	List
[AWS::EntityResolution::MatchingWorkflow](#)	Create	Read	Update	Delete	List
[AWS::EntityResolution::PolicyStatement](#)	Create	Read	Update	Delete	List
[AWS::EntityResolution::SchemaMapping](#)	Create	Read	Update	Delete	List
[AWS::Events::ApiDestination](#)	Create	Read	Update	Delete	List
[AWS::Events::Archive](#)	Create	Read	Update	Delete	List
[AWS::Events::Connection](#)	Create	Read	Update	Delete	List
[AWS::Events::Endpoint](#)	Create	Read	Update	Delete	List
[AWS::Events::EventBus](#)	Create	Read	Update	Delete	List
[AWS::Events::Rule](#)	Create	Read	Update	Delete	List
[AWS::EventSchemas::Discoverer](#)	Create	Read	Update	Delete	List
[AWS::EventSchemas::Registry](#)	Create	Read	Update	Delete	List
[AWS::EventSchemas::RegistryPolicy](#)	Create	Read	Update	Delete	
[AWS::EventSchemas::Schema](#)	Create	Read	Update	Delete	List
[AWS::Evidently::Experiment](#)	Create	Read	Update	Delete	

Resource	Create	Read	Update	Delete	List
`AWS::Evidently::Feature`	Create	Read	Update	Delete	
`AWS::Evidently::Launch`	Create	Read	Update	Delete	
`AWS::Evidently::Project`	Create	Read	Update	Delete	
`AWS::Evidently::Segment`	Create	Read		Delete	List
`AWS::FinSpace::Environment`	Create	Read	Update	Delete	List
`AWS::FIS::ExperimentTemplate`	Create	Read	Update	Delete	List
`AWS::FIS::TargetAccountConfiguration`	Create	Read	Update	Delete	List
`AWS::FMS::NotificationChannel`	Create	Read	Update	Delete	List
`AWS::FMS::Policy`	Create	Read	Update	Delete	List
`AWS::FMS::ResourceSet`	Create	Read	Update	Delete	List
`AWS::Forecast::Dataset`	Create	Read		Delete	List
`AWS::Forecast::DatasetGroup`	Create	Read	Update	Delete	List
`AWS::FraudDetector::Detector`	Create	Read	Update	Delete	List
`AWS::FraudDetector::EntityType`	Create	Read	Update	Delete	List
`AWS::FraudDetector::EventType`	Create	Read	Update	Delete	List
`AWS::FraudDetector::Label`	Create	Read	Update	Delete	List
`AWS::FraudDetector::List`	Create	Read	Update	Delete	List
`AWS::FraudDetector::Outcome`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::FraudDetector::Variable`	Create	Read	Update	Delete	List
`AWS::FSx::DataRepositoryAssociation`	Create	Read	Update	Delete	List
`AWS::GameLift::Alias`	Create	Read	Update	Delete	List
`AWS::GameLift::Build`	Create	Read	Update	Delete	List
`AWS::GameLift::Fleet`	Create	Read	Update	Delete	List
`AWS::GameLift::GameServerGroup`	Create	Read	Update	Delete	List
`AWS::GameLift::GameSessionQueue`	Create	Read	Update	Delete	List
`AWS::GameLift::Location`	Create	Read	Update	Delete	List
`AWS::GameLift::MatchmakingConfiguration`	Create	Read	Update	Delete	List
`AWS::GameLift::MatchmakingRuleSet`	Create	Read	Update	Delete	List
`AWS::GameLift::Script`	Create	Read	Update	Delete	List
`AWS::GlobalAccelerator::Accelerator`	Create	Read	Update	Delete	List
`AWS::GlobalAccelerator::CrossAccountAttachment`	Create	Read	Update	Delete	List
`AWS::GlobalAccelerator::EndpointGroup`	Create	Read	Update	Delete	List
`AWS::GlobalAccelerator::Listener`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Glue::Registry	Create	Read	Update	Delete	List
AWS::Glue::Schema	Create	Read	Update	Delete	List
AWS::Glue::SchemaVersion	Create	Read		Delete	List
AWS::Glue::SchemaVersionMetadata	Create	Read		Delete	List
AWS::Grafana::Workspace	Create	Read	Update	Delete	List
AWS::GreengrassV2::ComponentVersion	Create	Read	Update	Delete	List
AWS::GreengrassV2::Deployment	Create	Read	Update	Delete	List
AWS::GroundStation::Config	Create	Read	Update	Delete	List
AWS::GroundStation::DataflowEndpointGroup	Create	Read		Delete	List
AWS::GroundStation::MissionProfile	Create	Read	Update	Delete	List
AWS::GuardDuty::Detector	Create	Read	Update	Delete	List
AWS::GuardDuty::Filter	Create	Read	Update	Delete	List
AWS::GuardDuty::IPSet	Create	Read	Update	Delete	List
AWS::GuardDuty::Master	Create	Read		Delete	List
AWS::GuardDuty::Member	Create	Read	Update	Delete	List
AWS::GuardDuty::ThreatIntelSet	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::HealthImaging::Datastore	Create	Read		Delete	List
AWS::HealthLake::FHIRDatastore	Create	Read	Update	Delete	List
AWS::IAM::Group	Create	Read	Update	Delete	List
AWS::IAM::GroupPolicy	Create	Read	Update	Delete	
AWS::IAM::InstanceProfile	Create	Read	Update	Delete	List
AWS::IAM::ManagedPolicy	Create	Read	Update	Delete	List
AWS::IAM::OIDCProvider	Create	Read	Update	Delete	List
AWS::IAM::Policy	Create		Update	Delete	
AWS::IAM::Role	Create	Read	Update	Delete	List
AWS::IAM::RolePolicy	Create	Read	Update	Delete	
AWS::IAM::SAMLProvider	Create	Read	Update	Delete	List
AWS::IAM::ServerCertificate	Create	Read	Update	Delete	List
AWS::IAM::ServiceLinkedRole	Create	Read	Update	Delete	
AWS::IAM::User	Create	Read	Update	Delete	List
AWS::IAM::UserPolicy	Create	Read	Update	Delete	
AWS::IAM::VirtualMFADevice	Create	Read	Update	Delete	List
AWS::IdentityStore::Group	Create	Read	Update	Delete	List
AWS::IdentityStore::GroupMembership	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
AWS::ImageBuilder::Component	Create	Read		Delete	List
AWS::ImageBuilder::ContainerRecipe	Create	Read		Delete	List
AWS::ImageBuilder::DistributionConfiguration	Create	Read	Update	Delete	List
AWS::ImageBuilder::Image	Create	Read		Delete	List
AWS::ImageBuilder::ImagePipeline	Create	Read	Update	Delete	List
AWS::ImageBuilder::ImageRecipe	Create	Read		Delete	List
AWS::ImageBuilder::InfrastructureConfiguration	Create	Read	Update	Delete	List
AWS::ImageBuilder::LifecyclePolicy	Create	Read	Update	Delete	List
AWS::ImageBuilder::Workflow	Create	Read		Delete	List
AWS::Inspector::AssessmentTarget	Create	Read	Update	Delete	List
AWS::Inspector::AssessmentTemplate	Create	Read		Delete	List
AWS::Inspector::ResourceGroup	Create	Read		Delete	
AWS::InspectorV2::CisScanConfiguration	Create	Read	Update	Delete	List
AWS::InspectorV2::Filter	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::InternetMonitor::Monitor`	Create	Read	Update	Delete	List
`AWS::IoT::AccountAuditConfiguration`	Create	Read	Update	Delete	List
`AWS::IoT::Authorizer`	Create	Read	Update	Delete	List
`AWS::IoT::BillingGroup`	Create	Read	Update	Delete	List
`AWS::IoT::CACertificate`	Create	Read	Update	Delete	List
`AWS::IoT::Certificate`	Create	Read	Update	Delete	List
`AWS::IoT::CertificateProvider`	Create	Read	Update	Delete	List
`AWS::IoT::CustomMetric`	Create	Read	Update	Delete	List
`AWS::IoT::Dimension`	Create	Read	Update	Delete	List
`AWS::IoT::DomainConfiguration`	Create	Read	Update	Delete	List
`AWS::IoT::FleetMetric`	Create	Read	Update	Delete	List
`AWS::IoT::JobTemplate`	Create	Read		Delete	List
`AWS::IoT::Logging`	Create	Read	Update	Delete	List
`AWS::IoT::MitigationAction`	Create	Read	Update	Delete	List
`AWS::IoT::Policy`	Create	Read	Update	Delete	List
`AWS::IoT::ProvisioningTemplate`	Create	Read	Update	Delete	List
`AWS::IoT::ResourceSpecificLogging`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::IoT::RoleAlias`	Create	Read	Update	Delete	List
`AWS::IoT::ScheduledAudit`	Create	Read	Update	Delete	List
`AWS::IoT::SecurityProfile`	Create	Read	Update	Delete	List
`AWS::IoT::SoftwarePackage`	Create	Read	Update	Delete	List
`AWS::IoT::SoftwarePackageVersion`	Create	Read	Update	Delete	List
`AWS::IoT::Thing`	Create	Read	Update	Delete	List
`AWS::IoT::ThingGroup`	Create	Read	Update	Delete	List
`AWS::IoT::ThingType`	Create	Read	Update	Delete	List
`AWS::IoT::TopicRule`	Create	Read	Update	Delete	List
`AWS::IoT::TopicRuleDestination`	Create	Read	Update	Delete	List
`AWS::IoTAnalytics::Channel`	Create	Read	Update	Delete	List
`AWS::IoTAnalytics::Dataset`	Create	Read	Update	Delete	List
`AWS::IoTAnalytics::Datastore`	Create	Read	Update	Delete	List
`AWS::IoTAnalytics::Pipeline`	Create	Read	Update	Delete	List
`AWS::IoTCoreDeviceAdvisor::SuiteDefinition`	Create	Read	Update	Delete	List
`AWS::IoTEvents::AlarmModel`	Create	Read	Update	Delete	List
`AWS::IoTEvents::DetectorModel`	Create	Read	Update	Delete	List
`AWS::IoTEvents::Input`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
[AWS::IoTFleetHub::Application](#)	Create	Read	Update	Delete	List
[AWS::IoTFleetWise::Campaign](#)	Create	Read	Update	Delete	List
[AWS::IoTFleetWise::DecoderManifest](#)	Create	Read	Update	Delete	List
[AWS::IoTFleetWise::Fleet](#)	Create	Read	Update	Delete	List
[AWS::IoTFleetWise::ModelManifest](#)	Create	Read	Update	Delete	List
[AWS::IoTFleetWise::SignalCatalog](#)	Create	Read	Update	Delete	List
[AWS::IoTFleetWise::Vehicle](#)	Create	Read	Update	Delete	List
[AWS::IoTSiteWise::AccessPolicy](#)	Create	Read	Update	Delete	List
[AWS::IoTSiteWise::Asset](#)	Create	Read	Update	Delete	List
[AWS::IoTSiteWise::AssetModel](#)	Create	Read	Update	Delete	List
[AWS::IoTSiteWise::Dashboard](#)	Create	Read	Update	Delete	List
[AWS::IoTSiteWise::Gateway](#)	Create	Read	Update	Delete	List
[AWS::IoTSiteWise::Portal](#)	Create	Read	Update	Delete	List
[AWS::IoTSiteWise::Project](#)	Create	Read	Update	Delete	List
[AWS::IoTTwinMaker::ComponentType](#)	Create	Read	Update	Delete	List
[AWS::IoTTwinMaker::Entity](#)	Create	Read	Update	Delete	List
[AWS::IoTTwinMaker::Scene](#)	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::IoTTwinMaker::SyncJob`	Create	Read		Delete	List
`AWS::IoTTwinMaker::Workspace`	Create	Read	Update	Delete	List
`AWS::IoTWireless::Destination`	Create	Read	Update	Delete	List
`AWS::IoTWireless::DeviceProfile`	Create	Read		Delete	List
`AWS::IoTWireless::FuotaTask`	Create	Read	Update	Delete	List
`AWS::IoTWireless::MulticastGroup`	Create	Read	Update	Delete	List
`AWS::IoTWireless::NetworkAnalyzerConfiguration`	Create	Read	Update	Delete	List
`AWS::IoTWireless::PartnerAccount`	Create	Read	Update	Delete	List
`AWS::IoTWireless::ServiceProfile`	Create	Read		Delete	List
`AWS::IoTWireless::TaskDefinition`	Create	Read		Delete	List
`AWS::IoTWireless::WirelessDevice`	Create	Read	Update	Delete	List
`AWS::IoTWireless::WirelessDeviceImportTask`	Create	Read	Update	Delete	List
`AWS::IoTWireless::WirelessGateway`	Create	Read	Update	Delete	List
`AWS::IVS::Channel`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::IVS::EncoderConfigurat ion	Create	Read	Update	Delete	List
AWS::IVS::PlaybackKeyPair	Create	Read	Update	Delete	List
AWS::IVS::PlaybackRestricti onPolicy	Create	Read	Update	Delete	List
AWS::IVS::RecordingConfigur ation	Create	Read	Update	Delete	List
AWS::IVS::Stage	Create	Read	Update	Delete	List
AWS::IVS::StorageConfigurat ion	Create	Read	Update	Delete	List
AWS::IVS::StreamKey	Create	Read	Update	Delete	List
AWS::IVSChat::LoggingConfig uration	Create	Read	Update	Delete	List
AWS::IVSChat::Room	Create	Read	Update	Delete	List
AWS::KafkaConnect::Connector	Create	Read	Update	Delete	List
AWS::KafkaConnect::CustomPl ugin	Create	Read	Update	Delete	List
AWS::KafkaConnect::WorkerCo nfiguration	Create	Read	Update	Delete	List
AWS::Kendra::DataSource	Create	Read	Update	Delete	List
AWS::Kendra::Faq	Create	Read	Update	Delete	List
AWS::Kendra::Index	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::KendraRanking::ExecutionPlan`	Create	Read	Update	Delete	List
`AWS::Kinesis::Stream`	Create	Read	Update	Delete	List
`AWS::KinesisAnalyticsV2::Application`	Create	Read	Update	Delete	List
`AWS::KinesisFirehose::DeliveryStream`	Create	Read	Update	Delete	List
`AWS::KinesisVideo::SignalingChannel`	Create	Read	Update	Delete	
`AWS::KinesisVideo::Stream`	Create	Read	Update	Delete	
`AWS::KMS::Alias`	Create	Read	Update	Delete	List
`AWS::KMS::Key`	Create	Read	Update	Delete	List
`AWS::KMS::ReplicaKey`	Create	Read	Update	Delete	List
`AWS::LakeFormation::DataCellsFilter`	Create	Read		Delete	List
`AWS::LakeFormation::PrincipalPermissions`	Create	Read		Delete	
`AWS::LakeFormation::Tag`	Create	Read	Update	Delete	List
`AWS::LakeFormation::TagAssociation`	Create	Read		Delete	
`AWS::Lambda::Alias`	Create	Read	Update	Delete	List
`AWS::Lambda::CodeSigningConfig`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Lambda::EventInvokeConfig	Create	Read	Update	Delete	List
AWS::Lambda::EventSourceMapping	Create	Read	Update	Delete	List
AWS::Lambda::Function	Create	Read	Update	Delete	List
AWS::Lambda::LayerVersion	Create	Read		Delete	List
AWS::Lambda::LayerVersionPermission	Create	Read		Delete	List
AWS::Lambda::Permission	Create	Read		Delete	List
AWS::Lambda::Url	Create	Read	Update	Delete	List
AWS::Lambda::Version	Create	Read	Update	Delete	List
AWS::Lex::Bot	Create	Read	Update	Delete	List
AWS::Lex::BotAlias	Create	Read	Update	Delete	List
AWS::Lex::BotVersion	Create	Read		Delete	List
AWS::Lex::ResourcePolicy	Create	Read	Update	Delete	List
AWS::LicenseManager::Grant	Create	Read	Update	Delete	List
AWS::LicenseManager::License	Create	Read	Update	Delete	List
AWS::Lightsail::Alarm	Create	Read	Update	Delete	List
AWS::Lightsail::Bucket	Create	Read	Update	Delete	List
AWS::Lightsail::Certificate	Create	Read	Update	Delete	List
AWS::Lightsail::Container	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::Lightsail::Database`	Create	Read	Update	Delete	List
`AWS::Lightsail::Disk`	Create	Read	Update	Delete	List
`AWS::Lightsail::Distribution`	Create	Read	Update	Delete	List
`AWS::Lightsail::Instance`	Create	Read	Update	Delete	List
`AWS::Lightsail::LoadBalancer`	Create	Read	Update	Delete	List
`AWS::Lightsail::LoadBalancerTlsCertificate`	Create	Read	Update	Delete	List
`AWS::Lightsail::StaticIp`	Create	Read	Update	Delete	List
`AWS::Location::APIKey`	Create	Read	Update	Delete	List
`AWS::Location::GeofenceCollection`	Create	Read	Update	Delete	List
`AWS::Location::Map`	Create	Read	Update	Delete	List
`AWS::Location::PlaceIndex`	Create	Read	Update	Delete	List
`AWS::Location::RouteCalculator`	Create	Read	Update	Delete	List
`AWS::Location::Tracker`	Create	Read	Update	Delete	List
`AWS::Location::TrackerConsumer`	Create	Read		Delete	List
`AWS::Logs::AccountPolicy`	Create	Read	Update	Delete	List
`AWS::Logs::Delivery`	Create	Read	Update	Delete	List
`AWS::Logs::DeliveryDestination`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::Logs::DeliverySource`	Create	Read	Update	Delete	List
`AWS::Logs::Destination`	Create	Read	Update	Delete	List
`AWS::Logs::LogAnomalyDetector`	Create	Read	Update	Delete	List
`AWS::Logs::LogGroup`	Create	Read	Update	Delete	List
`AWS::Logs::LogStream`	Create	Read		Delete	List
`AWS::Logs::MetricFilter`	Create	Read	Update	Delete	List
`AWS::Logs::QueryDefinition`	Create	Read	Update	Delete	List
`AWS::Logs::ResourcePolicy`	Create	Read	Update	Delete	List
`AWS::Logs::SubscriptionFilter`	Create	Read	Update	Delete	List
`AWS::LookoutEquipment::InferenceScheduler`	Create	Read	Update	Delete	List
`AWS::LookoutMetrics::Alert`	Create	Read		Delete	List
`AWS::LookoutMetrics::AnomalyDetector`	Create	Read	Update	Delete	List
`AWS::LookoutVision::Project`	Create	Read	Update	Delete	List
`AWS::M2::Application`	Create	Read	Update	Delete	List
`AWS::M2::Environment`	Create	Read	Update	Delete	List
`AWS::Macie::AllowList`	Create	Read	Update	Delete	List
`AWS::Macie::CustomDataIdentifier`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::Macie::FindingsFilter`	Create	Read	Update	Delete	List
`AWS::Macie::Session`	Create	Read	Update	Delete	List
`AWS::ManagedBlockchain::Accessor`	Create	Read	Update	Delete	List
`AWS::MediaConnect::Bridge`	Create	Read	Update	Delete	List
`AWS::MediaConnect::BridgeOutput`	Create	Read	Update	Delete	
`AWS::MediaConnect::BridgeSource`	Create	Read	Update	Delete	
`AWS::MediaConnect::Flow`	Create	Read	Update	Delete	List
`AWS::MediaConnect::FlowEntitlement`	Create	Read	Update	Delete	List
`AWS::MediaConnect::FlowOutput`	Create	Read	Update	Delete	List
`AWS::MediaConnect::FlowSource`	Create	Read	Update	Delete	List
`AWS::MediaConnect::FlowVpcInterface`	Create	Read	Update	Delete	List
`AWS::MediaConnect::Gateway`	Create	Read		Delete	List
`AWS::MediaLive::Multiplex`	Create	Read	Update	Delete	List
`AWS::MediaLive::Multiplexprogram`	Create	Read	Update	Delete	List
`AWS::MediaPackage::Asset`	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
AWS::MediaPackage::Channel	Create	Read	Update	Delete	List
AWS::MediaPackage::OriginEndpoint	Create	Read	Update	Delete	List
AWS::MediaPackage::PackagingConfiguration	Create	Read		Delete	List
AWS::MediaPackage::PackagingGroup	Create	Read	Update	Delete	List
AWS::MediaPackageV2::Channel	Create	Read	Update	Delete	List
AWS::MediaPackageV2::ChannelGroup	Create	Read	Update	Delete	List
AWS::MediaPackageV2::ChannelPolicy	Create	Read	Update	Delete	
AWS::MediaPackageV2::OriginEndpoint	Create	Read	Update	Delete	List
AWS::MediaPackageV2::OriginEndpointPolicy	Create	Read	Update	Delete	
AWS::MediaTailor::Channel	Create	Read	Update	Delete	List
AWS::MediaTailor::ChannelPolicy	Create	Read	Update	Delete	
AWS::MediaTailor::LiveSource	Create	Read	Update	Delete	List
AWS::MediaTailor::PlaybackConfiguration	Create	Read	Update	Delete	List
AWS::MediaTailor::SourceLocation	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::MediaTailor::VodSource	Create	Read	Update	Delete	List
AWS::MemoryDB::ACL	Create	Read	Update	Delete	List
AWS::MemoryDB::Cluster	Create	Read	Update	Delete	List
AWS::MemoryDB::ParameterGroup	Create	Read	Update	Delete	List
AWS::MemoryDB::SubnetGroup	Create	Read	Update	Delete	List
AWS::MemoryDB::User	Create	Read	Update	Delete	List
AWS::MSK::BatchScramSecret	Create	Read	Update	Delete	List
AWS::MSK::Cluster	Create	Read	Update	Delete	List
AWS::MSK::ClusterPolicy	Create	Read	Update	Delete	List
AWS::MSK::Configuration	Create	Read	Update	Delete	List
AWS::MSK::Replicator	Create	Read	Update	Delete	List
AWS::MSK::ServerlessCluster	Create	Read		Delete	List
AWS::MSK::VpcConnection	Create	Read	Update	Delete	List
AWS::MWAA::Environment	Create	Read	Update	Delete	List
AWS::Neptune::DBCluster	Create	Read	Update	Delete	List
AWS::NeptuneGraph::Graph	Create	Read	Update	Delete	List
AWS::NeptuneGraph::PrivateGraphEndpoint	Create	Read	Update	Delete	List
AWS::NetworkFirewall::Firewall	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::NetworkFirewall::FirewallPolicy`	Create	Read	Update	Delete	List
`AWS::NetworkFirewall::LoggingConfiguration`	Create	Read	Update	Delete	List
`AWS::NetworkFirewall::RuleGroup`	Create	Read	Update	Delete	List
`AWS::NetworkFirewall::TLSInspectionConfiguration`	Create	Read	Update	Delete	List
`AWS::NetworkManager::ConnectAttachment`	Create	Read	Update	Delete	List
`AWS::NetworkManager::ConnectPeer`	Create	Read	Update	Delete	List
`AWS::NetworkManager::CoreNetwork`	Create	Read	Update	Delete	List
`AWS::NetworkManager::CustomerGatewayAssociation`	Create	Read		Delete	List
`AWS::NetworkManager::Device`	Create	Read	Update	Delete	List
`AWS::NetworkManager::GlobalNetwork`	Create	Read	Update	Delete	List
`AWS::NetworkManager::Link`	Create	Read	Update	Delete	List
`AWS::NetworkManager::LinkAssociation`	Create	Read		Delete	List
`AWS::NetworkManager::Site`	Create	Read	Update	Delete	List
`AWS::NetworkManager::SiteToSiteVpnAttachment`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::NetworkManager::TransitGatewayPeering`	Create	Read	Update	Delete	List
`AWS::NetworkManager::TransitGatewayRegistration`	Create	Read		Delete	List
`AWS::NetworkManager::TransitGatewayRouteTableAttachment`	Create	Read	Update	Delete	List
`AWS::NetworkManager::VpcAttachment`	Create	Read	Update	Delete	List
`AWS::NimbleStudio::LaunchProfile`	Create	Read	Update	Delete	List
`AWS::NimbleStudio::StreamingImage`	Create	Read	Update	Delete	List
`AWS::NimbleStudio::Studio`	Create	Read	Update	Delete	List
`AWS::NimbleStudio::StudioComponent`	Create	Read	Update	Delete	List
`AWS::Oam::Link`	Create	Read	Update	Delete	List
`AWS::Oam::Sink`	Create	Read	Update	Delete	List
`AWS::Omics::AnnotationStore`	Create	Read	Update	Delete	List
`AWS::Omics::ReferenceStore`	Create	Read		Delete	List
`AWS::Omics::RunGroup`	Create	Read	Update	Delete	List
`AWS::Omics::SequenceStore`	Create	Read		Delete	List
`AWS::Omics::VariantStore`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::Omics::Workflow`	Create	Read	Update	Delete	List
`AWS::OpenSearchServerless::AccessPolicy`	Create	Read	Update	Delete	List
`AWS::OpenSearchServerless::Collection`	Create	Read	Update	Delete	List
`AWS::OpenSearchServerless::LifecyclePolicy`	Create	Read	Update	Delete	List
`AWS::OpenSearchServerless::SecurityConfig`	Create	Read	Update	Delete	List
`AWS::OpenSearchServerless::SecurityPolicy`	Create	Read	Update	Delete	List
`AWS::OpenSearchServerless::VpcEndpoint`	Create	Read	Update	Delete	List
`AWS::OpenSearchService::Domain`	Create	Read	Update	Delete	
`AWS::OpsWorksCM::Server`	Create	Read	Update	Delete	List
`AWS::Organizations::Account`	Create	Read	Update	Delete	List
`AWS::Organizations::Organization`	Create	Read	Update	Delete	List
`AWS::Organizations::OrganizationalUnit`	Create	Read	Update	Delete	List
`AWS::Organizations::Policy`	Create	Read	Update	Delete	List
`AWS::Organizations::ResourcePolicy`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::OSIS::Pipeline`	Create	Read	Update	Delete	List
`AWS::Panorama::ApplicationInstance`	Create	Read	Update	Delete	List
`AWS::Panorama::Package`	Create	Read	Update	Delete	List
`AWS::Panorama::PackageVersion`	Create	Read	Update	Delete	
`AWS::PCAConnectorAD::Connector`	Create	Read	Update	Delete	List
`AWS::PCAConnectorAD::DirectoryRegistration`	Create	Read	Update	Delete	List
`AWS::PCAConnectorAD::ServicePrincipalName`	Create	Read		Delete	List
`AWS::PCAConnectorAD::Template`	Create	Read	Update	Delete	List
`AWS::PCAConnectorAD::TemplateGroupAccessControlEntry`	Create	Read	Update	Delete	List
`AWS::Personalize::Dataset`	Create	Read	Update	Delete	List
`AWS::Personalize::DatasetGroup`	Create	Read		Delete	List
`AWS::Personalize::Schema`	Create	Read		Delete	List
`AWS::Personalize::Solution`	Create	Read		Delete	List
`AWS::Pinpoint::InAppTemplate`	Create	Read	Update	Delete	List
`AWS::Pipes::Pipe`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::Proton::EnvironmentAccountConnection`	Create	Read	Update	Delete	List
`AWS::Proton::EnvironmentTemplate`	Create	Read	Update	Delete	List
`AWS::Proton::ServiceTemplate`	Create	Read	Update	Delete	List
`AWS::QLDB::Stream`	Create	Read	Update	Delete	List
`AWS::QuickSight::Analysis`	Create	Read	Update	Delete	List
`AWS::QuickSight::Dashboard`	Create	Read	Update	Delete	List
`AWS::QuickSight::DataSet`	Create	Read	Update	Delete	List
`AWS::QuickSight::DataSource`	Create	Read	Update	Delete	List
`AWS::QuickSight::RefreshSchedule`	Create	Read	Update	Delete	List
`AWS::QuickSight::Template`	Create	Read	Update	Delete	List
`AWS::QuickSight::Theme`	Create	Read	Update	Delete	List
`AWS::QuickSight::Topic`	Create	Read	Update	Delete	List
`AWS::QuickSight::VPCConnection`	Create	Read	Update	Delete	List
`AWS::RAM::Permission`	Create	Read	Update	Delete	List
`AWS::RDS::CustomDBEngineVersion`	Create	Read	Update	Delete	List
`AWS::RDS::DBCluster`	Create	Read	Update	Delete	List
`AWS::RDS::DBClusterParameterGroup`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::RDS::DBInstance`	Create	Read	Update	Delete	List
`AWS::RDS::DBParameterGroup`	Create	Read	Update	Delete	List
`AWS::RDS::DBProxy`	Create	Read	Update	Delete	List
`AWS::RDS::DBProxyEndpoint`	Create	Read	Update	Delete	List
`AWS::RDS::DBProxyTargetGroup`	Create	Read	Update	Delete	List
`AWS::RDS::DBSubnetGroup`	Create	Read	Update	Delete	List
`AWS::RDS::EventSubscription`	Create	Read	Update	Delete	List
`AWS::RDS::GlobalCluster`	Create	Read	Update	Delete	List
`AWS::RDS::Integration`	Create	Read	Update	Delete	List
`AWS::RDS::OptionGroup`	Create	Read	Update	Delete	List
`AWS::Redshift::Cluster`	Create	Read	Update	Delete	List
`AWS::Redshift::ClusterParameterGroup`	Create	Read	Update	Delete	List
`AWS::Redshift::ClusterSubnetGroup`	Create	Read	Update	Delete	List
`AWS::Redshift::EndpointAccess`	Create	Read	Update	Delete	List
`AWS::Redshift::EndpointAuthorization`	Create	Read	Update	Delete	List
`AWS::Redshift::EventSubscription`	Create	Read	Update	Delete	List
`AWS::Redshift::ScheduledAction`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
[AWS::RedshiftServerless::Namespace](#)	Create	Read	Update	Delete	List
[AWS::RedshiftServerless::Workgroup](#)	Create	Read	Update	Delete	List
[AWS::RefactorSpaces::Application](#)	Create	Read		Delete	List
[AWS::RefactorSpaces::Environment](#)	Create	Read		Delete	List
[AWS::RefactorSpaces::Route](#)	Create	Read	Update	Delete	List
[AWS::RefactorSpaces::Service](#)	Create	Read		Delete	List
[AWS::Rekognition::Collection](#)	Create	Read	Update	Delete	List
[AWS::Rekognition::Project](#)	Create	Read	Update	Delete	List
[AWS::Rekognition::StreamProcessor](#)	Create	Read	Update	Delete	List
[AWS::ResilienceHub::App](#)	Create	Read	Update	Delete	List
[AWS::ResilienceHub::ResiliencyPolicy](#)	Create	Read	Update	Delete	List
[AWS::ResourceExplorer2::DefaultViewAssociation](#)	Create	Read	Update	Delete	
[AWS::ResourceExplorer2::Index](#)	Create	Read	Update	Delete	List
[AWS::ResourceExplorer2::View](#)	Create	Read	Update	Delete	List
[AWS::ResourceGroups::Group](#)	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::RoboMaker::Fleet`	Create	Read	Update	Delete	List
`AWS::RoboMaker::Robot`	Create	Read	Update	Delete	List
`AWS::RoboMaker::RobotApplication`	Create	Read	Update	Delete	List
`AWS::RoboMaker::RobotApplicationVersion`	Create	Read		Delete	
`AWS::RoboMaker::SimulationApplication`	Create	Read	Update	Delete	List
`AWS::RoboMaker::SimulationApplicationVersion`	Create	Read		Delete	
`AWS::RolesAnywhere::CRL`	Create	Read	Update	Delete	List
`AWS::RolesAnywhere::Profile`	Create	Read	Update	Delete	List
`AWS::RolesAnywhere::TrustAnchor`	Create	Read	Update	Delete	List
`AWS::Route53::CidrCollection`	Create	Read	Update	Delete	List
`AWS::Route53::DNSSEC`	Create	Read		Delete	List
`AWS::Route53::HealthCheck`	Create	Read	Update	Delete	List
`AWS::Route53::HostedZone`	Create	Read	Update	Delete	List
`AWS::Route53::KeySigningKey`	Create	Read	Update	Delete	List
`AWS::Route53RecoveryControl::Cluster`	Create	Read		Delete	List
`AWS::Route53RecoveryControl::ControlPanel`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Route53RecoveryControl::RoutingControl	Create	Read	Update	Delete	List
AWS::Route53RecoveryControl::SafetyRule	Create	Read	Update	Delete	List
AWS::Route53RecoveryReadiness::Cell	Create	Read	Update	Delete	List
AWS::Route53RecoveryReadiness::ReadinessCheck	Create	Read	Update	Delete	List
AWS::Route53RecoveryReadiness::RecoveryGroup	Create	Read	Update	Delete	List
AWS::Route53RecoveryReadiness::ResourceSet	Create	Read	Update	Delete	List
AWS::Route53Resolver::FirewallDomainList	Create	Read	Update	Delete	List
AWS::Route53Resolver::FirewallRuleGroup	Create	Read	Update	Delete	List
AWS::Route53Resolver::FirewallRuleGroupAssociation	Create	Read	Update	Delete	List
AWS::Route53Resolver::OutpostResolver	Create	Read	Update	Delete	List
AWS::Route53Resolver::ResolverConfig	Create	Read		Delete	List
AWS::Route53Resolver::ResolverDNSSECConfig	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::Route53Resolver::ResolverQueryLoggingConfig`	Create	Read		Delete	List
`AWS::Route53Resolver::ResolverQueryLoggingConfigAssociation`	Create	Read		Delete	List
`AWS::Route53Resolver::ResolverRule`	Create	Read	Update	Delete	List
`AWS::Route53Resolver::ResolverRuleAssociation`	Create	Read		Delete	List
`AWS::RUM::AppMonitor`	Create	Read	Update	Delete	List
`AWS::S3::AccessGrant`	Create	Read	Update	Delete	List
`AWS::S3::AccessGrantsInstance`	Create	Read	Update	Delete	List
`AWS::S3::AccessGrantsLocation`	Create	Read	Update	Delete	List
`AWS::S3::AccessPoint`	Create	Read	Update	Delete	List
`AWS::S3::Bucket`	Create	Read	Update	Delete	List
`AWS::S3::BucketPolicy`	Create	Read	Update	Delete	List
`AWS::S3::MultiRegionAccessPoint`	Create	Read		Delete	List
`AWS::S3::MultiRegionAccessPointPolicy`	Create	Read	Update	Delete	List
`AWS::S3::StorageLens`	Create	Read	Update	Delete	List
`AWS::S3::StorageLensGroup`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
`AWS::S3Express::BucketPolicy`	Create	Read	Update	Delete	List
`AWS::S3Express::DirectoryBucket`	Create	Read		Delete	List
`AWS::S3ObjectLambda::AccessPoint`	Create	Read	Update	Delete	List
`AWS::S3ObjectLambda::AccessPointPolicy`	Create	Read	Update	Delete	
`AWS::S3Outposts::AccessPoint`	Create	Read	Update	Delete	List
`AWS::S3Outposts::Bucket`	Create	Read	Update	Delete	List
`AWS::S3Outposts::BucketPolicy`	Create	Read	Update	Delete	
`AWS::S3Outposts::Endpoint`	Create	Read		Delete	List
`AWS::SageMaker::App`	Create	Read		Delete	List
`AWS::SageMaker::AppImageConfig`	Create	Read	Update	Delete	List
`AWS::SageMaker::DataQualityJobDefinition`	Create	Read		Delete	List
`AWS::SageMaker::Device`	Create	Read	Update	Delete	
`AWS::SageMaker::DeviceFleet`	Create	Read	Update	Delete	
`AWS::SageMaker::Domain`	Create	Read	Update	Delete	List
`AWS::SageMaker::FeatureGroup`	Create	Read	Update	Delete	List
`AWS::SageMaker::Image`	Create	Read	Update	Delete	List
`AWS::SageMaker::ImageVersion`	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::SageMaker::InferenceComponent	Create	Read	Update	Delete	List
AWS::SageMaker::InferenceExperiment	Create	Read	Update	Delete	List
AWS::SageMaker::ModelBiasJobDefinition	Create	Read		Delete	List
AWS::SageMaker::ModelCard	Create	Read	Update	Delete	List
AWS::SageMaker::ModelExplainabilityJobDefinition	Create	Read		Delete	List
AWS::SageMaker::ModelPackage	Create	Read	Update	Delete	List
AWS::SageMaker::ModelPackageGroup	Create	Read	Update	Delete	List
AWS::SageMaker::ModelQualityJobDefinition	Create	Read		Delete	List
AWS::SageMaker::MonitoringSchedule	Create	Read	Update	Delete	List
AWS::SageMaker::Pipeline	Create	Read	Update	Delete	List
AWS::SageMaker::Project	Create	Read	Update	Delete	List
AWS::SageMaker::Space	Create	Read	Update	Delete	List
AWS::SageMaker::UserProfile	Create	Read	Update	Delete	List
AWS::Scheduler::Schedule	Create	Read	Update	Delete	List
AWS::Scheduler::ScheduleGroup	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::SecretsManager::Secret	Create	Read	Update	Delete	List
AWS::SecurityHub::AutomationRule	Create	Read	Update	Delete	List
AWS::SecurityHub::DelegatedAdmin	Create	Read		Delete	List
AWS::SecurityHub::Hub	Create	Read	Update	Delete	List
AWS::SecurityHub::Insight	Create	Read	Update	Delete	List
AWS::SecurityHub::ProductSubscription	Create	Read		Delete	List
AWS::SecurityHub::Standard	Create	Read	Update	Delete	List
AWS::SecurityLake::AwsLogSource	Create	Read	Update	Delete	List
AWS::SecurityLake::DataLake	Create	Read	Update	Delete	List
AWS::SecurityLake::Subscriber	Create	Read	Update	Delete	List
AWS::ServiceCatalog::CloudFormationProvisionedProduct	Create	Read	Update	Delete	
AWS::ServiceCatalog::ServiceAction	Create	Read	Update	Delete	List
AWS::ServiceCatalog::ServiceActionAssociation	Create	Read		Delete	List
AWS::ServiceCatalogAppRegistry::Application	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
[AWS::ServiceCatalogAppRegistry::AttributeGroup](#)	Create	Read	Update	Delete	List
[AWS::ServiceCatalogAppRegistry::AttributeGroupAssociation](#)	Create	Read		Delete	List
[AWS::ServiceCatalogAppRegistry::ResourceAssociation](#)	Create	Read		Delete	List
[AWS::SES::ConfigurationSet](#)	Create	Read	Update	Delete	List
[AWS::SES::ConfigurationSetEventDestination](#)	Create	Read	Update	Delete	
[AWS::SES::ContactList](#)	Create	Read	Update	Delete	List
[AWS::SES::DedicatedIpPool](#)	Create	Read	Update	Delete	List
[AWS::SES::EmailIdentity](#)	Create	Read	Update	Delete	List
[AWS::SES::Template](#)	Create	Read	Update	Delete	List
[AWS::SES::VdmAttributes](#)	Create	Read	Update	Delete	
[AWS::Shield::DRTAccess](#)	Create	Read	Update	Delete	List
[AWS::Shield::ProactiveEngagement](#)	Create	Read	Update	Delete	List
[AWS::Shield::Protection](#)	Create	Read	Update	Delete	List
[AWS::Shield::ProtectionGroup](#)	Create	Read	Update	Delete	List
[AWS::Signer::ProfilePermission](#)	Create	Read		Delete	List
[AWS::Signer::SigningProfile](#)	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::SimSpaceWeaver::Simulation	Create	Read	Update	Delete	List
AWS::SNS::Topic	Create	Read	Update	Delete	List
AWS::SNS::TopicInlinePolicy	Create	Read	Update	Delete	
AWS::SNS::TopicPolicy	Create		Update	Delete	
AWS::SQS::Queue	Create	Read	Update	Delete	List
AWS::SQS::QueueInlinePolicy	Create	Read	Update	Delete	
AWS::SQS::QueuePolicy	Create		Update	Delete	
AWS::SSM::Association	Create	Read	Update	Delete	List
AWS::SSM::Document	Create	Read	Update	Delete	List
AWS::SSM::Parameter	Create	Read	Update	Delete	List
AWS::SSM::PatchBaseline	Create	Read	Update	Delete	List
AWS::SSM::ResourceDataSync	Create	Read	Update	Delete	List
AWS::SSM::ResourcePolicy	Create	Read	Update	Delete	List
AWS::SSMContacts::Contact	Create	Read	Update	Delete	List
AWS::SSMContacts::ContactChannel	Create	Read	Update	Delete	List
AWS::SSMContacts::Plan	Create	Read	Update	Delete	
AWS::SSMContacts::Rotation	Create	Read	Update	Delete	List
AWS::SSMIncidents::ReplicationSet	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::SSMIncidents::Response Plan	Create	Read	Update	Delete	List
AWS::SSO::Assignment	Create	Read		Delete	List
AWS::SSO::InstanceAccessCon trolAttributeConfiguration	Create	Read	Update	Delete	List
AWS::SSO::PermissionSet	Create	Read	Update	Delete	List
AWS::StepFunctions::Activity	Create	Read	Update	Delete	
AWS::StepFunctions::StateMa chine	Create	Read	Update	Delete	List
AWS::StepFunctions::StateMa chineAlias	Create	Read	Update	Delete	List
AWS::StepFunctions::StateMa chineVersion	Create	Read		Delete	List
AWS::SupportApp::AccountAli as	Create	Read	Update	Delete	List
AWS::SupportApp::SlackChann elConfiguration	Create	Read	Update	Delete	List
AWS::SupportApp::SlackWorks paceConfiguration	Create	Read	Update	Delete	List
AWS::Synthetics::Canary	Create	Read	Update	Delete	List
AWS::Synthetics::Group	Create	Read	Update	Delete	List
AWS::SystemsManagerSAP::App lication	Create	Read	Update	Delete	List
AWS::Timestream::Database	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Timestream::InfluxDBInstance	Create	Read	Update	Delete	List
AWS::Timestream::ScheduledQuery	Create	Read	Update	Delete	List
AWS::Timestream::Table	Create	Read	Update	Delete	List
AWS::Transfer::Agreement	Create	Read	Update	Delete	List
AWS::Transfer::Certificate	Create	Read	Update	Delete	List
AWS::Transfer::Connector	Create	Read	Update	Delete	List
AWS::Transfer::Profile	Create	Read	Update	Delete	List
AWS::Transfer::Workflow	Create	Read	Update	Delete	List
AWS::VerifiedPermissions::IdentitySource	Create	Read	Update	Delete	List
AWS::VerifiedPermissions::Policy	Create	Read	Update	Delete	List
AWS::VerifiedPermissions::PolicyStore	Create	Read	Update	Delete	List
AWS::VerifiedPermissions::PolicyTemplate	Create	Read	Update	Delete	List
AWS::VoiceID::Domain	Create	Read	Update	Delete	List
AWS::VpcLattice::AccessLogSubscription	Create	Read	Update	Delete	List
AWS::VpcLattice::AuthPolicy	Create	Read	Update	Delete	
AWS::VpcLattice::Listener	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::VpcLattice::ResourcePolicy	Create	Read	Update	Delete	
AWS::VpcLattice::Rule	Create	Read	Update	Delete	List
AWS::VpcLattice::Service	Create	Read	Update	Delete	List
AWS::VpcLattice::ServiceNetwork	Create	Read	Update	Delete	List
AWS::VpcLattice::ServiceNetworkServiceAssociation	Create	Read	Update	Delete	List
AWS::VpcLattice::ServiceNetworkVpcAssociation	Create	Read	Update	Delete	List
AWS::VpcLattice::TargetGroup	Create	Read	Update	Delete	List
AWS::WAFv2::IPSet	Create	Read	Update	Delete	List
AWS::WAFv2::LoggingConfiguration	Create	Read	Update	Delete	List
AWS::WAFv2::RegexPatternSet	Create	Read	Update	Delete	List
AWS::WAFv2::RuleGroup	Create	Read	Update	Delete	List
AWS::WAFv2::WebACL	Create	Read	Update	Delete	List
AWS::WAFv2::WebACLAssociation	Create	Read	Update	Delete	
AWS::Wisdom::Assistant	Create	Read	Update	Delete	List
AWS::Wisdom::AssistantAssociation	Create	Read	Update	Delete	List
AWS::Wisdom::KnowledgeBase	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::WorkSpaces::Connection Alias	Create	Read		Delete	
AWS::WorkSpacesThinClient::Environment	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::Browser Settings	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::IdentityProvider	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::IpAccessSettings	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::Network Settings	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::Portal	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::TrustStore	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::UserAccessLoggingSettings	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::UserSettings	Create	Read	Update	Delete	List
AWS::XRay::Group	Create	Read	Update	Delete	List
AWS::XRay::ResourcePolicy	Create	Read	Update	Delete	List
AWS::XRay::SamplingRule	Create	Read	Update	Delete	List

Document history for the Cloud Control API User Guide

The following table describes the documentation releases for AWS Cloud Control API.

For a complete list of resources that currently support AWS Cloud Control API, see Resource types that support Cloud Control API. See also Discovering resources.

Change	Description	Date
New resource	`AWS::ECR::RepositoryCreationTemplate` resource type added.	April 5, 2024
New resource	`AWS::IVS::EncoderConfiguration` resource type added.	April 3, 2024
New resource	`AWS::IVS::PlaybackRestrictionPolicy` resource type added.	April 3, 2024
New resource	`AWS::IVS::StorageConfiguration` resource type added.	April 3, 2024
New resource	`AWS::SecurityLake::AwsLogSource` resource type added.	March 31, 2024
New resource	`AWS::SecurityLake::Subscriber` resource type added.	March 31, 2024
New resource	`AWS::Timestream::InfluxDBInstance` resource type added.	March 30, 2024

New resource	`AWS::Deadline::Farm` resource type added.	March 29, 2024
New resource	`AWS::Deadline::Fleet` resource type added.	March 29, 2024
New resource	`AWS::Deadline::LicenseEndpoint` resource type added.	March 29, 2024
New resource	`AWS::Deadline::MeteredProduct` resource type added.	March 29, 2024
New resource	`AWS::Deadline::Queue` resource type added.	March 29, 2024
New resource	`AWS::Deadline::QueueEnvironment` resource type added.	March 29, 2024
New resource	`AWS::Deadline::QueueFleetAssociation` resource type added.	March 29, 2024
New resource	`AWS::Deadline::StorageProfile` resource type added.	March 29, 2024
New resource	`AWS::SecurityLake::DataLake` resource type added.	March 28, 2024
New resource	`AWS::CleanRooms::PrivacyBudgetTemplate` resource type added.	March 26, 2024

New resource	AWS::Bedrock::Data Source resource type added.	March 25, 2024
New resource	AWS::Bedrock::Know ledgeBase resource type added.	March 25, 2024
New resource	AWS::EntityResolut ion::IdNamespace resource type added.	March 25, 2024
New resource	AWS::EntityResolut ion::PolicyStateme nt resource type added.	March 25, 2024
New resource	AWS::SecurityHub:: DelegatedAdmin resource type added.	March 21, 2024
New resource	AWS::SecurityHub:: Insight resource type added.	March 21, 2024
New resource	AWS::SecurityHub:: ProductSubscription resource type added.	March 21, 2024
New resource	AWS::CleanRoomsML: :TrainingDataset resource type added.	March 20, 2024
New resource	AWS::Bedrock::Agent resource type added.	March 19, 2024
New resource	AWS::Bedrock::Agen tAlias resource type added.	March 19, 2024

New resource	`AWS::KafkaConnect::CustomPlugin` resource type added.	March 18, 2024
New resource	`AWS::KafkaConnect::WorkerConfiguration` resource type added.	March 18, 2024
New resource	`AWS::APS::Scraper` resource type added.	March 15, 2024
New resource	`AWS::CodeArtifact::PackageGroup` resource type added.	March 12, 2024
New resource	`AWS::Lambda::Alias` resource type added.	February 28, 2024
New resource	`AWS::BCMDataExports::Export` resource type added.	February 26, 2024
New resource	`AWS::ControlTower::EnabledBaseline` resource type added.	February 14, 2024
New resource	`AWS::GuardDuty::Master` resource type added.	February 6, 2024
New resource	`AWS::CodeConnections::Connection` resource type added.	February 5, 2024
New resource	`AWS::RDS::Integration` resource type added.	January 26, 2024
New resource	`AWS::InspectorV2::CisScanConfiguration` resource type added.	January 25, 2024

New resource	`AWS::AppConfig::Ap plication` resource type added.	January 17, 2024
New resource	`AWS::AppConfig::Co nfigurationProfile` resource type added.	January 17, 2024
New resource	`AWS::AppConfig::Ho stedConfigurationV ersion` resource type added.	January 17, 2024
New resource	`AWS::EC2::TransitG atewayRouteTableAs sociation` resource type added.	January 16, 2024
New resource	`AWS::GlobalAcceler ator::CrossAccount Attachment` resource type added.	January 16, 2024
New resource	`AWS::DataZone::Env ironmentBlueprintC onfiguration` resource type added.	January 12, 2024
New resource	`AWS::IVS::Stage` resource type added.	January 8, 2024
New resource	`AWS::DataZone::Env ironment` resource type added.	January 2, 2024
New resource	`AWS::DataZone::Dat aSource` resource type added.	January 1, 2024

New resource	AWS::DataZone::Sub scriptionTarget resource type added.	January 1, 2024
New resource	AWS::Location::API Key resource type added.	December 29, 2023
New resource	AWS::DataZone::Env ironmentProfile resource type added.	December 28, 2023
New resource	AWS::DataZone::Pro ject resource type added.	December 26, 2023
New resource	AWS::DataZone::Dom ain resource type added.	December 21, 2023
New resource	AWS::ImageBuilder: :Workflow resource type added.	December 14, 2023
New resource	AWS::Connect::Pred efinedAttribute resource type added.	December 13, 2023
New resource	AWS::EC2::Snapshot BlockPublicAccess resource type added.	December 13, 2023
New resource	AWS::B2BI::Capabil ity resource type added.	December 10, 2023
New resource	AWS::B2BI::Partner ship resource type added.	December 10, 2023
New resource	AWS::B2BI::Transfo rmer resource type added.	December 10, 2023

New resource	AWS::B2BI::Profile resource type added.	December 7, 2023
New resource	AWS::CloudFront::K eyValueStore resource type added.	December 7, 2023
New resource	AWS::ControlTower: :LandingZone resource type added.	November 24, 2023
New resource	AWS::S3::AccessGrant resource type added.	November 22, 2023
New resource	AWS::S3::AccessGra ntsInstance resource type added.	November 22, 2023
New resource	AWS::S3::AccessGra ntsLocation resource type added.	November 22, 2023
New resource	AWS::AppConfig::En vironment resource type added.	November 19, 2023
New resource	AWS::FIS::TargetAc countConfiguration resource type added.	November 19, 2023
New resource	AWS::SageMaker::In ferenceComponent resource type added.	November 18, 2023
New resource	AWS::ElastiCache:: ServerlessCache resource type added.	November 17, 2023

New resource	`AWS::Lambda::Event InvokeConfig` resource type added.	November 16, 2023
New resource	`AWS::EKS::PodIdent ityAssociation` resource type added.	November 15, 2023
New resource	`AWS::NeptuneGraph: :Graph` resource type added.	November 11, 2023
New resource	`AWS::NeptuneGraph: :PrivateGraphEndpo int` resource type added.	November 11, 2023
New resource	`AWS::DMS::DataProv ider` resource type added.	November 10, 2023
New resource	`AWS::DMS::Instance Profile` resource type added.	November 10, 2023
New resource	`AWS::DMS::Migratio nProject` resource type added.	November 10, 2023
New resource	`AWS::Logs::LogAnom alyDetector` resource type added.	November 10, 2023
New resource	`AWS::ApplicationAu toScaling::Scaling Policy` resource type added.	November 9, 2023
New resource	`AWS::CodeBuild::Fl eet` resource type added.	November 9, 2023

New resource	AWS::ElasticLoadBa lancingV2::TrustSt ore resource type added.	November 9, 2023
New resource	AWS::ElasticLoadBa lancingV2::TrustSt oreRevocation resource type added.	November 9, 2023
New resource	AWS::OpenSearchSer verless::Lifecycle Policy resource type added.	November 9, 2023
New resource	AWS::WorkSpacesThi nClient::Environme nt resource type added.	November 9, 2023
New resource	AWS::GameLift::Gam eSessionQueue resource type added.	November 8, 2023
New resource	AWS::GameLift::Mat chmakingConfigurat ion resource type added.	November 8, 2023
New resource	AWS::GameLift::Mat chmakingRuleSet resource type added.	November 8, 2023
New resource	AWS::GameLift::Scr ipt resource type added.	November 8, 2023
New resource	AWS::Backup::Resto reTestingPlan resource type added.	November 7, 2023

New resource	AWS::Backup::Resto reTestingSelection resource type added.	November 7, 2023
New resource	AWS::EC2::Instance resource type added.	November 7, 2023
New resource	AWS::MediaLive::Mu ltiplex resource type added.	November 3, 2023
New resource	AWS::MediaLive::Mu ltiplexprogram resource type added.	November 3, 2023
New resource	AWS::ARCZonalShift ::ZonalAutoshiftCo nfiguration resource type added.	November 1, 2023
New resource	AWS::CodeStarConne ctions::Repository Link resource type added.	October 31, 2023
New resource	AWS::CodeStarConne ctions::SyncConfig uration resource type added.	October 31, 2023
New resource	AWS::ImageBuilder: :LifecyclePolicy resource type added.	October 27, 2023
New resource	AWS::S3::StorageLe nsGroup resource type added.	October 27, 2023

New resource	`AWS::IoT::Certific ateProvider` resource type added.	October 26, 2023
New resource	`AWS::Logs::Delivery` resource type added.	October 26, 2023
New resource	`AWS::Logs::Deliver yDestination` resource type added.	October 26, 2023
New resource	`AWS::Logs::Deliver ySource` resource type added.	October 26, 2023
New resource	`AWS::GuardDuty::Me mber` resource type added.	October 19, 2023
New resource	`AWS::EntityResolut ion::IdMappingWork flow` resource type added.	October 14, 2023
New resource	`AWS::Cognito::User PoolRiskConfigurat ionAttachment` resource type added.	October 12, 2023
New resource	`AWS::IAM::User` resource type added.	October 12, 2023
New resource	`AWS::GuardDuty::IP Set` resource type added.	October 9, 2023
New resource	`AWS::GuardDuty::Th reatIntelSet` resource type added.	October 9, 2023
New resource	`AWS::GuardDuty::Fi lter` resource type added.	October 5, 2023

[New resource](#)	`AWS::MSK::Replicator` resource type added.	October 5, 2023
[New resource](#)	`AWS::IAM::Group` resource type added.	October 3, 2023
[New resource](#)	`AWS::IoT::Software Package` resource type added.	October 2, 2023
[New resource](#)	`AWS::IoT::Software PackageVersion` resource type added.	October 2, 2023
[New resource](#)	`AWS::EC2::Security GroupIngress` resource type added.	September 28, 2023
[New resource](#)	`AWS::AppSync::Func tionConfiguration` resource type added.	September 22, 2023
[New resource](#)	`AWS::EC2::Security GroupEgress` resource type added.	September 16, 2023
[New resource](#)	`AWS::HealthImaging ::Datastore` resource type added.	September 12, 2023
[New resource](#)	`AWS::S3Express::Bu cketPolicy` resource type added.	September 7, 2023
[New resource](#)	`AWS::S3Express::Di rectoryBucket` resource type added.	September 7, 2023

New resource	`AWS::Connect::Secu` `rityProfile` resource type added.	September 1, 2023

New resource	`AWS::Cognito::LogD`
	`eliveryConfigurati`
	`on` resource type added.
		August 31, 2023

New resource	`AWS::EntityResolut`
	`ion::MatchingWorkf`
	`low` resource type added.
		August 23, 2023

New resource	`AWS::CleanRooms::A`
	`nalysisTemplate`
	resource type added.
		August 19, 2023

New resource	`AWS::WorkSpacesWeb`
	`::BrowserSettings`
	resource type added.
		August 18, 2023

New resource	`AWS::WorkSpacesWeb`
	`::IdentityProvider`
	resource type added.
		August 18, 2023

New resource	`AWS::WorkSpacesWeb`
	`::IpAccessSettings`
	resource type added.
		August 18, 2023

New resource	`AWS::WorkSpacesWeb`
	`::NetworkSettings`
	resource type added.
		August 18, 2023

New resource	`AWS::WorkSpacesWeb` `::Portal` resource type added.	August 18, 2023
New resource	`AWS::WorkSpacesWeb` `::TrustStore` resource type added.	August 18, 2023

New resource	AWS::WorkSpacesWeb ::UserAccessLoggin gSettings resource type added.	August 18, 2023
New resource	AWS::WorkSpacesWeb ::UserSettings resource type added.	August 18, 2023
New resource	AWS::Events::Event Bus resource type added.	August 16, 2023
New resource	AWS::EntityResolut ion::SchemaMapping resource type added.	August 15, 2023
New resource	AWS::EMR::WALWorks pace resource type added.	August 12, 2023
New resource	AWS::Connect::View resource type added.	August 10, 2023
New resource	AWS::Connect::View Version resource type added.	August 10, 2023
New resource	AWS::MediaPackageV 2::Channel resource type added.	August 10, 2023
New resource	AWS::MediaPackageV 2::ChannelGroup resource type added.	August 10, 2023
New resource	AWS::MediaPackageV 2::ChannelPolicy resource type added.	August 10, 2023

New resource	AWS::MediaPackageV 2::OriginEndpoint resource type added.	August 10, 2023
New resource	AWS::MediaPackageV 2::OriginEndpointP olicy resource type added.	August 10, 2023
New resource	AWS::Cognito::User PoolUserToGroupAtt achment resource type added.	August 8, 2023
New resource	AWS::Cognito::Iden tityPool resource type added.	August 7, 2023
New resource	AWS::Cognito::Iden tityPoolRoleAttach ment resource type added.	August 7, 2023
New resource	AWS::Cognito::User Pool resource type added.	July 31, 2023
New resource	AWS::Cognito::User PoolClient resource type added.	July 31, 2023
New resource	AWS::Cognito::User PoolGroup resource type added.	July 31, 2023
New resource	AWS::Cognito::User PoolUser resource type added.	July 31, 2023

New resource	AWS::NetworkFirewall::TLSInspectionConfiguration resource type added.	July 27, 2023
New resource	AWS::EC2::VPCGatewayAttachment resource type added.	July 24, 2023
New resource	AWS::PCAConnectorAD::Connector resource type added.	July 19, 2023
New resource	AWS::PCAConnectorAD::DirectoryRegistration resource type added.	July 19, 2023
New resource	AWS::PCAConnectorAD::ServicePrincipalName resource type added.	July 19, 2023
New resource	AWS::PCAConnectorAD::Template resource type added.	July 19, 2023
New resource	AWS::PCAConnectorAD::TemplateGroupAccessControlEntry resource type added.	July 19, 2023
New resource	AWS::EC2::VPCEndpointConnectionNotification resource type added.	July 17, 2023

New resource	`AWS::SQS::QueueInl inePolicy` resource type added.	July 17, 2023
New resource	`AWS::MediaTailor:: Channel` resource type added.	July 14, 2023
New resource	`AWS::MediaTailor:: ChannelPolicy` resource type added.	July 14, 2023
New resource	`AWS::MediaTailor:: LiveSource` resource type added.	July 14, 2023
New resource	`AWS::MediaTailor:: SourceLocation` resource type added.	July 14, 2023
New resource	`AWS::MediaTailor:: VodSource` resource type added.	July 14, 2023
New resource	`AWS::DMS::Replicat ionConfig` resource type added.	July 6, 2023
New resource	`AWS::EC2::Route` resource type added.	July 6, 2023
New resource	`AWS::Connect::Rout ingProfile` resource type added.	June 30, 2023
New resource	`AWS::SNS::TopicInl inePolicy` resource type added.	June 29, 2023

New resource	`AWS::Connect::Queue` resource type added.	June 28, 2023
New resource	`AWS::AppStream::Ap pBlockBuilder` resource type added.	June 26, 2023
New resource	`AWS::Logs::Account Policy` resource type added.	June 26, 2023
New resource	`AWS::EC2::VPCCidrB lock` resource type added.	June 23, 2023
New resource	`AWS::AppRunner::Au toScalingConfigura tion` resource type added.	June 21, 2023
New resource	`AWS::AppSync::Reso lver` resource type added.	June 21, 2023
New resource	`AWS::EC2::Instance ConnectEndpoint` resource type added.	June 21, 2023
New resource	`AWS::CloudFormatio n::Stack` resource type added.	June 19, 2023
New resource	`AWS::Config::Confi gRule` resource type added.	June 16, 2023
New resource	`AWS::IAM::UserPolicy` resource type added.	June 13, 2023
New resource	`AWS::Events::Rule` resource type added.	June 12, 2023

New resource	AWS::VerifiedPermi ssions::IdentitySo urce resource type added.	June 11, 2023
New resource	AWS::VerifiedPermi ssions::Policy resource type added.	June 11, 2023
New resource	AWS::VerifiedPermi ssions::PolicyStore resource type added.	June 11, 2023
New resource	AWS::VerifiedPermi ssions::PolicyTemp late resource type added.	June 11, 2023
New resource	AWS::EC2::TransitG atewayRouteTable resource type added.	June 7, 2023
New resource	AWS::SecurityHub:: AutomationRule resource type added.	June 6, 2023
New resource	AWS::IAM::GroupPol icy resource type added.	June 5, 2023
New resource	AWS::IAM::RolePolicy resource type added.	June 5, 2023
New resource	AWS::MediaConnect: :Bridge resource type added.	June 5, 2023
New resource	AWS::MediaConnect: :BridgeOutput resource type added.	June 5, 2023

New resource	AWS::MediaConnect: :BridgeSource resource type added.	June 5, 2023
New resource	AWS::MediaConnect: :Gateway resource type added.	June 5, 2023
New resource	AWS::SecurityHub:: Standard resource type added.	June 5, 2023
New resource	AWS::StepFunctions ::StateMachineAlias resource type added.	June 4, 2023
New resource	AWS::StepFunctions ::StateMachineVers ion resource type added.	June 4, 2023
New resource	AWS::CustomerProfi les::EventStream resource type added.	June 2, 2023
New resource	AWS::Athena::Capac ityReservation resource type added.	May 31, 2023
New resource	AWS::CleanRooms::C ollaboration resource type added.	May 26, 2023
New resource	AWS::CleanRooms::C onfiguredTable resource type added.	May 26, 2023

New resource	AWS::CleanRooms::ConfiguredTableAssociation resource type added.	May 26, 2023
New resource	AWS::CleanRooms::Membership resource type added.	May 26, 2023
New resource	AWS::AppIntegrations::Application resource type added.	May 25, 2023
New resource	AWS::Connect::TrafficDistributionGroup resource type added.	May 23, 2023
New resource	AWS::EC2::EIPAssociation resource type added.	May 23, 2023
New resource	AWS::EC2::NetworkInterfaceAttachment resource type added.	May 22, 2023
New resource	AWS::RDS::CustomDBEngineVersion resource type added.	May 19, 2023
New resource	AWS::EC2::VolumeAttachment resource type added.	May 18, 2023
New resource	AWS::Organizations::Organization resource type added.	May 16, 2023
New resource	AWS::SecurityHub::Hub resource type added.	May 16, 2023

New resource	`AWS::AppSync::Sour ceApiAssociation` resource type added.	May 14, 2023
New resource	`AWS::Shield::DRTAc cess` resource type added.	May 11, 2023
New resource	`AWS::Shield::Proac tiveEngagement` resource type added.	May 11, 2023
New resource	`AWS::Shield::Prote ction` resource type added.	May 11, 2023
New resource	`AWS::Shield::Prote ctionGroup` resource type added.	May 11, 2023
New resource	`AWS::EKS::AccessEn try` resource type added.	May 10, 2023
New resource	`AWS::Cognito::Iden tityPoolPrincipalT ag` resource type added.	May 8, 2023
New resource	`AWS::CustomerProfi les::CalculatedAtt ributeDefinition` resource type added.	May 8, 2023
New resource	`AWS::Connect::Prompt` resource type added.	May 3, 2023
New resource	`AWS::Proton::Envir onmentAccountConne ction` resource type added.	May 1, 2023

New resource	`AWS::Proton::Envir onmentTemplate` resource type added.	May 1, 2023
New resource	`AWS::Proton::Servi ceTemplate` resource type added.	May 1, 2023
New resource	`AWS::Detective::Or ganizationAdmin` resource type added.	April 29, 2023
New resource	`AWS::Comprehend::D ocumentClassifier` resource type added.	April 21, 2023
New resource	`AWS::OSIS::Pipeline` resource type added.	April 21, 2023
New resource	`AWS::IAM::ManagedP olicy` resource type added.	April 17, 2023
New resource	`AWS::BackupGateway ::Hypervisor` resource type added.	April 16, 2023
New resource	`AWS::EC2::Verified AccessEndpoint` resource type added.	April 16, 2023
New resource	`AWS::Lambda::Layer VersionPermission` resource type added.	April 15, 2023
New resource	`AWS::Connect::Eval uationForm` resource type added.	April 12, 2023

New resource	AWS::FraudDetector ::List resource type added.	April 12, 2023
New resource	AWS::IAM::ServiceL inkedRole resource type added.	April 12, 2023
New resource	AWS::DataSync::Sto rageSystem resource type added.	April 11, 2023
New resource	AWS::GameLift::Build resource type added.	April 10, 2023
New resource	AWS::EC2::LaunchTe mplate resource type added.	April 4, 2023
New resource	AWS::DataSync::Loc ationAzureBlob resource type added.	March 30, 2023
New resource	AWS::EC2::Verified AccessGroup resource type added.	March 30, 2023
New resource	AWS::EC2::Verified AccessInstance resource type added.	March 30, 2023
New resource	AWS::EC2::Verified AccessTrustProvider resource type added.	March 30, 2023
New resource	AWS::QuickSight::V PCConnection resource type added.	March 29, 2023

New resource	`AWS::GuardDuty::De tector` resource type added.	March 28, 2023
New resource	`AWS::IoTWireless:: WirelessDeviceImpo rtTask` resource type added.	March 28, 2023
New resource	`AWS::QuickSight::T opic` resource type added.	March 28, 2023
New resource	`AWS::AppConfig::Ex tension` resource type added.	March 27, 2023
New resource	`AWS::AppConfig::Ex tensionAssociation` resource type added.	March 27, 2023
New resource	`AWS::RAM::Permission` resource type added.	March 27, 2023
New resource	`AWS::DevOpsGuru::L ogAnomalyDetection Integration` resource type added.	March 22, 2023
New resource	`AWS::SSMContacts:: Plan` resource type added.	March 16, 2023
New resource	`AWS::SSMContacts:: Rotation` resource type added.	March 16, 2023
New resource	`AWS::SageMaker::In ferenceExperiment` resource type added.	March 9, 2023

New resource	AWS::ApiGatewayV2::IntegrationResponse resource type added.	March 7, 2023
New resource	AWS::VpcLattice::AccessLogSubscription resource type added.	March 7, 2023
New resource	AWS::VpcLattice::AuthPolicy resource type added.	March 7, 2023
New resource	AWS::VpcLattice::Listener resource type added.	March 7, 2023
New resource	AWS::VpcLattice::ResourcePolicy resource type added.	March 7, 2023
New resource	AWS::VpcLattice::Rule resource type added.	March 7, 2023
New resource	AWS::VpcLattice::Service resource type added.	March 7, 2023
New resource	AWS::VpcLattice::ServiceNetwork resource type added.	March 7, 2023
New resource	AWS::VpcLattice::ServiceNetworkServiceAssociation resource type added.	March 7, 2023

New resource	AWS::VpcLattice::S erviceNetworkVpcAs sociation resource type added.	March 7, 2023
New resource	AWS::VpcLattice::T argetGroup resource type added.	March 7, 2023
New resource	AWS::AutoScaling:: AutoScalingGroup resource type added.	March 3, 2023
New resource	AWS::Neptune::DBCl uster resource type added.	March 3, 2023
New resource	AWS::ManagedBlockc hain::Accessor resource type added.	February 21, 2023
New resource	AWS::ApiGatewayV2: :Route resource type added.	February 10, 2023
New resource	AWS::Comprehend::F lywheel resource type added.	February 10, 2023
New resource	AWS::EC2::VPCEndpo intServicePermissi ons resource type added.	February 2, 2023
New resource	AWS::EC2::IPAMReso urceDiscoveryAssoc iation resource type added.	February 1, 2023

New resource	`AWS::InternetMonit` `or::Monitor` resource type added.	January 31, 2023
New resource	`AWS::FMS::Resource` `Set` resource type added.	January 30, 2023
New resource	`AWS::SageMaker::Mo` `delCard` resource type added.	January 28, 2023
New resource	`AWS::EC2::IPAMReso` `urceDiscovery` resource type added.	January 25, 2023
New resource	`AWS::Omics::Annota` `tionStore` resource type added.	January 25, 2023
New resource	`AWS::Omics::Refere` `nceStore` resource type added.	January 25, 2023
New resource	`AWS::Omics::RunGroup` resource type added.	January 25, 2023
New resource	`AWS::Omics::Sequen` `ceStore` resource type added.	January 25, 2023
New resource	`AWS::Omics::Varian` `tStore` resource type added.	January 25, 2023
New resource	`AWS::Omics::Workflow` resource type added.	January 25, 2023

New resource	AWS::ApiGateway::V pcLink resource type added.	January 24, 2023
New resource	AWS::CloudTrail::R esourcePolicy resource type added.	January 23, 2023
New resource	AWS::IVSChat::Logg ingConfiguration resource type added.	January 23, 2023
New resource	AWS::IVSChat::Room resource type added.	January 23, 2023
New resource	AWS::EC2::IPAMPool Cidr resource type added.	January 22, 2023
New resource	AWS::ApiGatewayV2: :RouteResponse resource type added.	January 20, 2023
New resource	AWS::SageMaker::Sp ace resource type added.	January 20, 2023
New resource	AWS::SimSpaceWeave r::Simulation resource type added.	January 16, 2023
New resource	AWS::Connect::Appr ovedOrigin resource type added.	January 14, 2023
New resource	AWS::Connect::Inte grationAssociation resource type added.	January 14, 2023

New resource	AWS::Connect::Secu rityKey resource type added.	January 14, 2023
New resource	AWS::QuickSight::R efreshSchedule resource type added.	January 13, 2023
New resource	AWS::SystemsManage rSAP::Application resource type added.	January 11, 2023
New resource	AWS::KendraRanking ::ExecutionPlan resource type added.	December 27, 2022
New resource	AWS::Organizations ::ResourcePolicy resource type added.	December 22, 2022
New resource	AWS::Grafana::Work space resource type added.	December 8, 2022
New resource	AWS::MSK::ClusterP olicy resource type added.	December 8, 2022
New resource	AWS::MSK::VpcConne ction resource type added.	December 8, 2022
New resource	AWS::CodePipeline: :CustomActionType resource type added.	December 5, 2022
New resource	AWS::IoTTwinMaker: :SyncJob resource type added.	December 4, 2022

New resource	AWS::DocDBElastic::Cluster resource type added.	December 2, 2022
New resource	AWS::OpenSearchServerless::AccessPolicy resource type added.	November 26, 2022
New resource	AWS::OpenSearchServerless::Collection resource type added.	November 26, 2022
New resource	AWS::OpenSearchServerless::SecurityConfig resource type added.	November 26, 2022
New resource	AWS::OpenSearchServerless::SecurityPolicy resource type added.	November 26, 2022
New resource	AWS::OpenSearchServerless::VpcEndpoint resource type added.	November 26, 2022
New resource	AWS::Pipes::Pipe resource type added.	November 24, 2022
New resource	AWS::GameLift::Location resource type added.	November 20, 2022
New resource	AWS::Connect::Rule resource type added.	November 19, 2022
New resource	AWS::Logs::LogStream resource type added.	November 17, 2022
New resource	AWS::Logs::LogStream resource type added.	November 17, 2022

New resource	AWS::EC2::VPCEndpo intService resource type added.	November 16, 2022
New resource	AWS::ElasticBeanst alk::Configuration Template resource type added.	November 15, 2022
New resource	AWS::IoT::BillingG roup resource type added.	November 10, 2022
New resource	AWS::IoT::Thing resource type added.	November 10, 2022
New resource	AWS::IoT::ThingGroup resource type added.	November 10, 2022
New resource	AWS::IoT::ThingType resource type added.	November 10, 2022
New resource	AWS::EC2::NetworkP erformanceMetricSu bscription resource type added.	November 9, 2022
New resource	AWS::CloudTrail::C hannel resource type added.	November 8, 2022
New resource	AWS::Logs::Subscri ptionFilter resource type added.	November 4, 2022
New resource	AWS::Scheduler::Sc hedule resource type added.	November 4, 2022

New resource	`AWS::Scheduler::Sc heduleGroup` resource type added.	November 4, 2022
New resource	`AWS::SES::VdmAttri butes` resource type added.	November 2, 2022
New resource	`AWS::EC2::VPNConne ctionRoute` resource type added.	November 1, 2022
New resource	`AWS::AppRunner::Vp cIngressConnection` resource type added.	October 27, 2022
New resource	`AWS::Chatbot::Micr osoftTeamsChannelC onfiguration` resource type added.	October 27, 2022
New resource	`AWS::SSM::Resource Policy` resource type added.	October 25, 2022
New resource	`AWS::ApiGatewayV2: :Deployment` resource type added.	October 13, 2022
New resource	`AWS::SupportApp::S lackWorkspaceConfi guration` resource type added.	October 11, 2022
New resource	`AWS::ResourceExplo rer2::DefaultViewA ssociation` resource type added.	October 9, 2022

New resource	AWS::ResourceExplo rer2::View resource type added.	October 9, 2022
New resource	AWS::DirectoryServ ice::SimpleAD resource type added.	October 6, 2022
New resource	AWS::DataPipeline: :Pipeline resource type added.	September 26, 2022
New resource	AWS::Organizations ::Account resource type added.	September 26, 2022
New resource	AWS::ResourceExplo rer2::Index resource type added.	September 26, 2022
New resource	AWS::Transfer::Agr eement resource type added.	September 19, 2022
New resource	AWS::Transfer::Cer tificate resource type added.	September 19, 2022
New resource	AWS::Transfer::Con nector resource type added.	September 19, 2022
New resource	AWS::Transfer::Pro file resource type added.	September 19, 2022
New resource	AWS::AmplifyUIBuil der::Form resource type added.	September 13, 2022

New resource	`AWS::CodeDeploy::A` `pplication` resource type added.	September 6, 2022

New resource	`AWS::CodeDeploy::D`
	`eploymentConfig`
	resource type added.
		September 6, 2022

New resource	`AWS::FSx::DataRepo`
	`sitoryAssociation`
	resource type added.
		August 31, 2022

New resource	`AWS::Oam::Sink` resource type added.	August 29, 2022
New resource	`AWS::M2::Application` resource type added.	August 25, 2022
New resource	`AWS::M2::Environment` resource type added.	August 25, 2022

New resource	`AWS::CloudFront::O`
	`riginAccessControl`
	resource type added.
		August 24, 2022

New resource	`AWS::ElastiCache::` `SubnetGroup` resource type added.	August 23, 2022
New resource	`AWS::Macie::AllowL` `ist` resource type added.	August 23, 2022
New resource	`AWS::ApiGatewayV2:` `:ApiMapping` resource type added.	August 17, 2022
New resource	`AWS::ApiGatewayV2:` `:Authorizer` resource type added.	August 17, 2022

New resource	`AWS::IoTFleetWise::Campaign` resource type added.	August 16, 2022
New resource	`AWS::IoTFleetWise::DecoderManifest` resource type added.	August 16, 2022
New resource	`AWS::IoTFleetWise::Fleet` resource type added.	August 16, 2022
New resource	`AWS::IoTFleetWise::ModelManifest` resource type added.	August 16, 2022
New resource	`AWS::IoTFleetWise::SignalCatalog` resource type added.	August 16, 2022
New resource	`AWS::IoTFleetWise::Vehicle` resource type added.	August 16, 2022
New resource	`AWS::NetworkManager::TransitGatewayPeering` resource type added.	August 16, 2022
New resource	`AWS::NetworkManager::TransitGatewayRouteTableAttachment` resource type added.	August 16, 2022
New resource	`AWS::Oam::Link` resource type added.	August 11, 2022

New resource	`AWS::EMR::Security Configuration` resource type added.	August 2, 2022
New resource	`AWS::EC2::VPNConne ction` resource type added.	July 28, 2022
New resource	`AWS::CloudFront::M onitoringSubscript ion` resource type added.	July 21, 2022
New resource	`AWS::MSK::Serverle ssCluster` resource type added.	July 15, 2022
New resource	`AWS::Evidently::Se gment` resource type added.	July 14, 2022
New resource	`AWS::ApplicationAu toScaling::Scalabl eTarget` resource type added.	July 13, 2022
New resource	`AWS::EC2::EIP` resource type added.	July 12, 2022
New resource	`AWS::Synthetics::G roup` resource type added.	July 7, 2022
New resource	`AWS::ElasticBeanst alk::Application` resource type added.	July 1, 2022
New resource	`AWS::ElasticBeanst alk::Environment` resource type added.	July 1, 2022
New resource	`AWS::AppFlow::Conn ector` resource type added.	June 23, 2022

New resource	AWS::RolesAnywhere ::CRL resource type added.	June 20, 2022
New resource	AWS::RolesAnywhere ::Profile resource type added.	June 20, 2022
New resource	AWS::RolesAnywhere ::TrustAnchor resource type added.	June 20, 2022
New resource	AWS::AppStream::Di rectoryConfig resource type added.	June 19, 2022
New resource	AWS::AppStream::Im ageBuilder resource type added.	June 19, 2022
New resource	AWS::ApiGatewayV2: :Api resource type added.	June 18, 2022
New resource	AWS::ApiGatewayV2: :DomainName resource type added.	June 18, 2022
New resource	AWS::RedshiftServe rless::Workgroup resource type added.	June 17, 2022
New resource	AWS::LakeFormation ::PrincipalPermiss ions resource type added.	June 16, 2022
New resource	AWS::ControlTower: :EnabledControl resource type added.	June 13, 2022

New resource	`AWS::Route53Resolver::OutpostResolver` resource type added.	June 10, 2022
New resource	`AWS::AutoScaling::ScheduledAction` resource type added.	June 9, 2022
New resource	`AWS::SES::DedicatedIpPool` resource type added.	June 7, 2022
New resource	`AWS::SES::EmailIdentity` resource type added.	June 7, 2022
New resource	`AWS::ApiGatewayV2::Model` resource type added.	June 6, 2022
New resource	`AWS::ApiGatewayV2::VpcLink` resource type added.	June 6, 2022
New resource	`AWS::DataSync::LocationFSxONTAP` resource type added.	June 6, 2022
New resource	`AWS::IdentityStore::Group` resource type added.	May 28, 2022
New resource	`AWS::IdentityStore::GroupMembership` resource type added.	May 28, 2022
New resource	`AWS::Connect::TaskTemplate` resource type added.	May 24, 2022

New resource	AWS::ElasticLoadBa lancingV2::TargetG roup resource type added.	May 23, 2022
New resource	AWS::CloudTrail::E ventDataStore resource type added.	May 17, 2022
New resource	AWS::ElasticBeanst alk::ApplicationVe rsion resource type added.	May 17, 2022
New resource	AWS::EMRServerless ::Application resource type added.	May 16, 2022
New resource	AWS::EC2::Customer Gateway resource type added.	May 11, 2022
New resource	AWS::Route53::Cidr Collection resource type added.	May 10, 2022
New resource	AWS::IoTWireless:: NetworkAnalyzerCon figuration resource type added.	May 6, 2022
New resource	AWS::RedshiftServe rless::Namespace resource type added.	May 6, 2022
New resource	AWS::LakeFormation ::DataCellsFilter resource type added.	May 2, 2022
New resource	AWS::LakeFormation ::Tag resource type added.	May 2, 2022

New resource	AWS::LakeFormation ::TagAssociation resource type added.	May 2, 2022
New resource	AWS::SageMaker::Mo delPackage resource type added.	April 21, 2022
New resource	AWS::AutoScaling:: ScalingPolicy resource type added.	April 20, 2022
New resource	AWS::EC2::Placemen tGroup resource type added.	April 20, 2022
New resource	AWS::EC2::VPNGateway resource type added.	April 19, 2022
New resource	AWS::Organizations ::OrganizationalUn it resource type added.	April 15, 2022
New resource	AWS::Organizations ::Policy resource type added.	April 15, 2022
New resource	AWS::KinesisAnalyt icsV2::Application resource type added.	April 6, 2022
New resource	AWS::EC2::KeyPair resource type added.	April 5, 2022
New resource	AWS::AppRunner::Ob servabilityConfigu ration resource type added.	April 1, 2022

New resource	AWS::EC2::NatGateway resource type added.	March 29, 2022
New resource	AWS::Connect::Instance resource type added.	March 28, 2022
New resource	AWS::Connect::InstanceStorageConfig resource type added.	March 28, 2022
New resource	AWS::Rekognition::StreamProcessor resource type added.	March 16, 2022
New resource	AWS::DataSync::LocationFSxOpenZFS resource type added.	March 10, 2022
New resource	AWS::BillingConductor::CustomLineItem resource type added.	March 9, 2022
New resource	AWS::Connect::PhoneNumber resource type added.	March 9, 2022
New resource	AWS::MediaTailor::PlaybackConfiguration resource type added.	March 9, 2022
New resource	AWS::CloudFront::ContinuousDeploymentPolicy resource type added.	March 8, 2022
New resource	AWS::VoiceID::Domain resource type added.	March 3, 2022

New resource	AWS::XRay::Resourc ePolicy resource type added.	February 25, 2022
New resource	AWS::BillingConduc tor::BillingGroup resource type added.	February 24, 2022
New resource	AWS::BillingConduc tor::PricingPlan resource type added.	February 24, 2022
New resource	AWS::BillingConduc tor::PricingRule resource type added.	February 24, 2022
New resource	AWS::Events::Endpo int resource type added.	February 21, 2022
New resource	AWS::NetworkManage r::ConnectAttachme nt resource type added.	February 21, 2022
New resource	AWS::NetworkManage r::ConnectPeer resource type added.	February 21, 2022
New resource	AWS::NetworkManage r::CoreNetwork resource type added.	February 21, 2022
New resource	AWS::NetworkManage r::SiteToSiteVpnAt tachment resource type added.	February 21, 2022
New resource	AWS::NetworkManage r::VpcAttachment resource type added.	February 21, 2022

New resource	AWS::Personalize::Dataset resource type added.	February 18, 2022
New resource	AWS::Personalize::DatasetGroup resource type added.	February 18, 2022
New resource	AWS::Personalize::Schema resource type added.	February 18, 2022
New resource	AWS::Personalize::Solution resource type added.	February 18, 2022
New resource	AWS::EC2::TransitGatewayAttachment resource type added.	February 17, 2022
New resource	AWS::ConnectCampaigns::Campaign resource type added.	February 11, 2022
New resource	AWS::Inspector::AssessmentTarget resource type added.	February 7, 2022
New resource	AWS::Inspector::AssessmentTemplate resource type added.	February 7, 2022
New resource	AWS::Inspector::ResourceGroup resource type added.	February 7, 2022
New resource	AWS::MSK::BatchScramSecret resource type added.	February 4, 2022

New resource	`AWS::MSK::Configur ation` resource type added.	February 4, 2022
New resource	`AWS::IAM::Instance Profile` resource type added.	February 3, 2022
New resource	`AWS::DataSync::Loc ationFSxLustre` resource type added.	January 27, 2022
New resource	`AWS::EC2::Capacity Reservation` resource type added.	January 26, 2022
New resource	`AWS::RDS::DBCluster` resource type added.	January 25, 2022
New resource	`AWS::Batch::Comput eEnvironment` resource type added.	January 24, 2022
New resource	`AWS::Batch::JobQueue` resource type added.	January 24, 2022
New resource	`AWS::AppIntegratio ns::DataIntegration` resource type added.	January 19, 2022
New resource	`AWS::AppRunner::Vp cConnector` resource type added.	January 15, 2022
New resource	`AWS::IoTTwinMaker: :ComponentType` resource type added.	January 6, 2022

New resource	`AWS::IoTTwinMaker::Entity` resource type added.	January 6, 2022
New resource	`AWS::IoTTwinMaker::Scene` resource type added.	January 6, 2022
New resource	`AWS::IoTTwinMaker::Workspace` resource type added.	January 6, 2022
New resource	`AWS::Lightsail::Certificate` resource type added.	January 5, 2022
New resource	`AWS::Lightsail::Container` resource type added.	January 5, 2022
New resource	`AWS::Lightsail::Distribution` resource type added.	January 5, 2022
New resource	`AWS::AppStream::ApplicationEntitlementAssociation` resource type added.	December 21, 2021
New resource	`AWS::AppStream::Entitlement` resource type added.	December 21, 2021
New resource	`AWS::EKS::IdentityProviderConfig` resource type added.	December 21, 2021

New resource	AWS::SecretsManage r::Secret resource type added.	December 17, 2021
New resource	AWS::KinesisVideo: :SignalingChannel resource type added.	December 13, 2021
New resource	AWS::KinesisVideo: :Stream resource type added.	December 13, 2021
New resource	AWS::EC2::VPCPeeri ngConnection resource type added.	December 10, 2021
New resource	AWS::Forecast::Dat aset resource type added.	December 10, 2021
New resource	AWS::Forecast::Dat asetGroup resource type added.	December 10, 2021
New resource	AWS::IoTEvents::Al armModel resource type added.	December 10, 2021
New resource	AWS::Lightsail::Al arm resource type added.	December 7, 2021
New resource	AWS::Lightsail::Bu cket resource type added.	December 7, 2021
New resource	AWS::Lightsail::Lo adBalancer resource type added.	December 7, 2021

New resource	AWS::Lightsail::Lo adBalancerTlsCerti ficate resource type added.	December 7, 2021
New resource	AWS::RDS::OptionGr oup resource type added.	December 4, 2021
New resource	AWS::KafkaConnect: :Connector resource type added.	December 3, 2021
New resource	AWS::InspectorV2:: Filter resource type added.	December 2, 2021
New resource	AWS::Rekognition:: Collection resource type added.	November 26, 2021
New resource	AWS::EC2::IPAM resource type added.	November 24, 2021
New resource	AWS::EC2::IPAMAllo cation resource type added.	November 24, 2021
New resource	AWS::EC2::IPAMPool resource type added.	November 24, 2021
New resource	AWS::EC2::IPAMScope resource type added.	November 24, 2021
New resource	AWS::AmplifyUIBuil der::Component resource type added.	November 23, 2021

New resource	`AWS::AmplifyUIBuil der::Theme` resource type added.	November 23, 2021
New resource	`AWS::ECR::PullThro ughCacheRule` resource type added.	November 23, 2021
New resource	`AWS::IoT::CACertif icate` resource type added.	November 23, 2021
New resource	`AWS::IoT::RoleAlias` resource type added.	November 23, 2021
New resource	`AWS::Timestream::S cheduledQuery` resource type added.	November 23, 2021
New resource	`AWS::MSK::Cluster` resource type added.	November 22, 2021
New resource	`AWS::AppSync::Doma inName` resource type added.	November 19, 2021
New resource	`AWS::AppSync::Doma inNameApiAssociati on` resource type added.	November 19, 2021
New resource	`AWS::RUM::AppMonitor` resource type added.	November 19, 2021
New resource	`AWS::EC2::NetworkI nsightsAccessScope Analysis` resource type added.	November 16, 2021
New resource	`AWS::Lex::Bot` resource type added.	November 16, 2021

New resource	`AWS::Lex::BotAlias` resource type added.	November 16, 2021
New resource	`AWS::Lex::BotVersion` resource type added.	November 16, 2021
New resource	`AWS::Lex::Resource Policy` resource type added.	November 16, 2021
New resource	`AWS::EC2::LocalGat ewayRouteTable` resource type added.	November 14, 2021
New resource	`AWS::EC2::LocalGat ewayRouteTableVirt ualInterfaceGroupA ssociation` resource type added.	November 14, 2021
New resource	`AWS::DataBrew::Rul eset` resource type added.	November 12, 2021
New resource	`AWS::RefactorSpace s::Route` resource type added.	November 11, 2021
New resource	`AWS::RefactorSpace s::Service` resource type added.	November 11, 2021
New resource	`AWS::AppStream::Ap pBlock` resource type added.	November 10, 2021
New resource	`AWS::AppStream::Ap plication` resource type added.	November 10, 2021

New resource	AWS::AppStream::Ap plicationFleetAsso ciation resource type added.	November 10, 2021
New resource	AWS::RDS::DBCluste rParameterGroup resource type added.	November 10, 2021
New resource	AWS::RDS::DBInstance resource type added.	November 10, 2021
New resource	AWS::RDS::DBParame terGroup resource type added.	November 10, 2021
New resource	AWS::RDS::DBSubnet Group resource type added.	November 10, 2021
New resource	AWS::RDS::EventSub scription resource type added.	November 10, 2021
New resource	AWS::Route53Resolv er::ResolverRuleAs sociation resource type added.	November 9, 2021
New resource	AWS::RefactorSpace s::Application resource type added.	November 8, 2021
New resource	AWS::RefactorSpace s::Environment resource type added.	November 8, 2021
New resource	AWS::Connect::Cont actFlow resource type added.	November 7, 2021

New resource	AWS::Connect::Cont actFlowModule resource type added.	November 7, 2021
New resource	AWS::Lambda::Url resource type added.	November 5, 2021
New resource	AWS::CloudFront::R esponseHeadersPoli cy resource type added.	November 4, 2021
New resource	AWS::EC2::NetworkI nsightsAccessScope resource type added.	November 4, 2021
New resource	AWS::SupportApp::A ccountAlias resource type added.	November 3, 2021
New resource	AWS::SupportApp::S lackChannelConfigu ration resource type added.	November 3, 2021
New resource	AWS::ResilienceHub ::App resource type added.	November 2, 2021
New resource	AWS::ResilienceHub ::ResiliencyPolicy resource type added.	November 2, 2021
New resource	AWS::EC2::Host resource type added.	November 1, 2021
New resource	AWS::Transfer::Wor kflow resource type added.	October 27, 2021

New resource	AWS::Evidently::Ex periment resource type added.	October 25, 2021
New resource	AWS::Evidently::Fe ature resource type added.	October 25, 2021
New resource	AWS::Evidently::La unch resource type added.	October 25, 2021
New resource	AWS::Evidently::Pr oject resource type added.	October 25, 2021
New resource	AWS::Redshift::End pointAccess resource type added.	October 23, 2021
New resource	AWS::Redshift::End pointAuthorization resource type added.	October 23, 2021
New resource	AWS::Redshift::Eve ntSubscription resource type added.	October 23, 2021
New resource	AWS::Redshift::Sch eduledAction resource type added.	October 23, 2021
New resource	AWS::EC2::Security Group resource type added.	October 21, 2021
New resource	AWS::Pinpoint::InA ppTemplate resource type added.	October 21, 2021
New resource	AWS::IoTWireless:: FuotaTask resource type added.	October 20, 2021

New resource	AWS::IoTWireless:: MulticastGroup resource type added.	October 20, 2021
New resource	AWS::DataSync::Loc ationHDFS resource type added.	October 18, 2021
New resource	AWS::CloudFormatio n::HookDefaultVers ion resource type added.	October 14, 2021
New resource	AWS::CloudFormatio n::HookTypeConfig resource type added.	October 14, 2021
New resource	AWS::CloudFormatio n::HookVersion resource type added.	October 14, 2021
New resource	AWS::Batch::Schedu lingPolicy resource type added.	October 13, 2021
New resource	AWS::S3::BucketPol icy resource type added.	October 13, 2021
New resource	AWS::Lightsail::Da tabase resource type added.	October 12, 2021
New resource	AWS::Lightsail::St aticIp resource type added.	October 12, 2021
New resource	AWS::ElasticLoadBa lancingV2::LoadBal ancer resource type added.	October 8, 2021

New resource	`AWS::ApiGateway::D eployment` resource type added.	October 5, 2021
New resource	`AWS::Rekognition:: Project` resource type added.	October 1, 2021
New resource	`AWS::IAM::Role` resource type added.	September 30, 2021
Initial release	Initial release of the Cloud Control API User Guide	September 30, 2021