



REST API Reference

# Amazon EventBridge Schemas



# Amazon EventBridge Schemas: REST API Reference

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# Welcome

Welcome to the *Amazon EventBridge Schema Registry API Reference*.

The Amazon EventBridge Schema Registry allows you to discover, create, and manage OpenAPI schemas for events on EventBridge. Using these API actions you can find schemas for existing AWS services, create and upload custom schemas, or generate a schema based on messages on an event bus. You can download code bindings for popular languages for all schemas in EventBridge to quickly build applications that use those events.

## Note

Inactive schemas will be deleted after two years.

For more information on Amazon EventBridge, and managing schemas in the EventBridge console, see the following.

- [Amazon EventBridge Schema Registry](#)
- [Tutorial: Download code bindings for events using the EventBridge schema registry](#)

# Operations

The Amazon EventBridge Schemas REST API includes the following operations.

- [CreateDiscoverer](#)

Creates a discoverer.

Due to no name being passed in the CreateDiscoverer API call there is no resource to DENY against when the customer adds a resource ARN of an existing discoverer in their IAM policies.

- [CreateRegistry](#)

Creates a registry.

- [CreateSchema](#)

Creates a schema definition.

 **Note**

Inactive schemas will be deleted after two years.

- [DeleteDiscoverer](#)

Deletes a discoverer.

- [DeleteRegistry](#)

Deletes a Registry.

- [DeleteResourcePolicy](#)

Delete the resource-based policy attached to the specified registry.

- [DeleteSchema](#)

Delete a schema definition.

- [DeleteSchemaVersion](#)

Delete the schema version definition

- [DescribeCodeBinding](#)

Describe the code binding URI.

- [DescribeDiscoverer](#)

Describes the discoverer.

- [DescribeRegistry](#)

Describes the registry.

- [DescribeSchema](#)

Retrieve the schema definition.

- [ExportSchema](#)

Exports a schema.

- [GetCodeBindingSource](#)

Get the code binding source URI.

- [GetDiscoveredSchema](#)

Get the discovered schema that was generated based on sampled events.

- [GetResourcePolicy](#)

Retrieves the resource-based policy attached to a given registry.

- [ListDiscoverers](#)

List the discoverers.

- [ListRegistries](#)

List the registries.

- [ListSchemas](#)

List the schemas.

- [ListSchemaVersions](#)

Provides a list of the schema versions and related information.

- [ListTagsForResource](#)

Get tags for resource.

- [PutCodeBinding](#)

Put code binding URI

- [PutResourcePolicy](#)

The name of the policy.

- [SearchSchemas](#)

Search the schemas

- [StartDiscoverer](#)

Starts the discoverer

- [StopDiscoverer](#)

Stops the discoverer

- [TagResource](#)

Add tags to a resource.

- [UntagResource](#)

Removes tags from a resource.

- [UpdateDiscoverer](#)

Updates the discoverer

- [UpdateRegistry](#)

- [UpdateSchema](#)

Updates the schema definition

 **Note**

Inactive schemas will be deleted after two years.

# Resources

The Amazon EventBridge Schemas REST API includes the following resources.

## Topics

- [Code Binding](#)
- [Delete Schema Version](#)
- [Describe or Update Discoverer](#)
- [Discover](#)
- [Discoverers](#)
- [Export](#)
- [Get Code Binding Source](#)
- [List Schema Versions](#)
- [Policy](#)
- [Registries](#)
- [Registry](#)
- [Schema](#)
- [Schemas](#)
- [Search Schemas](#)
- [Start Discoverer](#)
- [Stop Discoverer](#)
- [Tag](#)

## Code Binding

### URI

`/v1/registries/name/registryName/schemas/name/schemaName/language/language`

## HTTP methods

### GET

**Operation ID:** DescribeCodeBinding

Describe the code binding URI.

#### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.
<i>schemaName</i>	String	True	The name of the schema.
<i>language</i>	String	True	The language of the code binding. The supported languages and corresponding values are as follows: <ul style="list-style-type: none"><li>• Java: Java8</li><li>• Python: Python36</li><li>• TypeScript: TypeScript3</li><li>• Golang: Go1</li></ul>

#### Query parameters

Name	Type	Required	Description
schemaVersion	String	False	Specifying this limits the results to only this schema version.

## Responses

Status code	Response model	Description
200	<a href="#">CodeBindingOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
429	<a href="#">ErrorOutput</a>	429 response
500	<a href="#">ErrorOutput</a>	500 response

## POST

**Operation ID:** PutCodeBinding

Put code binding URI

### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.
<i>schemaName</i>	String	True	The name of the schema.
<i>language</i>	String	True	The language of the code binding. The supported languages and corresponding values are as follows: <ul style="list-style-type: none"><li>• Java: Java8</li></ul>

Name	Type	Required	Description
			<ul style="list-style-type: none"><li>• Python: Python36</li><li>• TypeScript: TypeScript3</li><li>• Golang: Go1</li></ul>

## Query parameters

Name	Type	Required	Description
schemaVersion	String	False	Specifying this limits the results to only this schema version.

## Responses

Status code	Response model	Description
202	<a href="#">CodeBindingOutput</a>	202 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
410	<a href="#">ErrorOutput</a>	410 response
429	<a href="#">ErrorOutput</a>	429 response
500	<a href="#">ErrorOutput</a>	500 response

## OPTIONS

### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.
<i>schemaName</i>	String	True	The name of the schema.
<i>language</i>	String	True	The language of the code binding. The supported languages and corresponding values are as follows: <ul style="list-style-type: none"><li>• Java: Java8</li><li>• Python: Python36</li><li>• TypeScript: TypeScript3</li><li>• Golang: Go1</li></ul>

### Query parameters

Name	Type	Required	Description
schemaVersion	String	False	Specifying this limits the results to only this schema version.

### Responses

Status code	Response model	Description
200	None	200 response

# Schemas

## Response bodies

### CodeBindingOutput schema

```
{
  "Status": enum,
  "LastModified": "string",
  "CreationDate": "string",
  "SchemaVersion": "string"
}
```

### ErrorOutput schema

```
{
  "Message": "string",
  "Code": "string"
}
```

## Properties

### CodeBindingOutput

#### Status

The current status of code binding generation.

**Type:** [CodeGenerationStatus](#)

**Required:** False

#### LastModified

The date and time that code bindings were modified.

**Type:** string

**Required:** False

**Format:** date-time

## CreationDate

The time and date that the code binding was created.

**Type:** string

**Required:** False

**Format:** date-time

## SchemaVersion

The version number of the schema.

**Type:** string

**Required:** False

## CodeGenerationStatus

CREATE\_IN\_PROGRESS

CREATE\_COMPLETE

CREATE\_FAILED

## ErrorOutput

### Message

The message string of the error output.

**Type:** string

**Required:** True

### Code

The error code.

**Type:** string

**Required:** True

# Delete Schema Version

## URI

/v1/registries/name/*registryName*/schemas/name/*schemaName*/  
version/*schemaVersion*

## HTTP methods

### DELETE

**Operation ID:** DeleteSchemaVersion

Delete the schema version definition

### Path parameters

Name	Type	Required	Description
<i>schemaVersion</i>	String	True	The version number of the schema
<i>registryName</i>	String	True	The name of the schema registry.
<i>schemaName</i>	String	True	The name of the schema.

### Responses

Status code	Response model	Description
204	None	204 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response

Status code	Response model	Description
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## OPTIONS

### Path parameters

Name	Type	Required	Description
<i>schemaVersion</i>	String	True	The version number of the schema
<i>registryName</i>	String	True	The name of the schema registry.
<i>schemaName</i>	String	True	The name of the schema.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Response bodies

#### ErrorOutput schema

```
{
  "Message": "string",
  "Code": "string"
```

```
}
```

## Properties

### ErrorOutput

#### Message

The message string of the error output.

**Type:** string

**Required:** True

#### Code

The error code.

**Type:** string

**Required:** True

## Describe or Update Discoverer

### URI

/v1/discoverers/id/*discovererId*

### HTTP methods

#### GET

**Operation ID:** DescribeDiscoverer

Describes the discoverer.

#### Path parameters

Name	Type	Required	Description
<i>discovererId</i>	String	True	The ID of the discoverer.

## Responses

Status code	Response model	Description
200	<a href="#">DiscovererOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## PUT

### Operation ID: UpdateDiscoverer

Updates the discoverer

### Path parameters

Name	Type	Required	Description
<i>discovererId</i>	String	True	The ID of the discoverer.

## Responses

Status code	Response model	Description
200	<a href="#">DiscovererOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response

Status code	Response model	Description
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## DELETE

**Operation ID:** DeleteDiscoverer

Deletes a discoverer.

### Path parameters

Name	Type	Required	Description
<i>discovererId</i>	String	True	The ID of the discoverer.

### Responses

Status code	Response model	Description
204	None	204 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## OPTIONS

### Path parameters

Name	Type	Required	Description
<i>discovererId</i>	String	True	The ID of the discoverer.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### PUT schema

```
{
  "CrossAccount": boolean,
  "Description": "string"
}
```

### Response bodies

#### DiscovererOutput schema

```
{
  "DiscovererArn": "string",
  "DiscovererId": "string",
  "CrossAccount": boolean,
  "Description": "string",
  "SourceArn": "string",
  "State": enum,
  "tags": {
  }
}
```

## ErrorOutput schema

```
{  
  "Message": "string",  
  "Code": "string"  
}
```

## Properties

### DiscovererOutput

#### DiscovererArn

The ARN of the discoverer.

**Type:** string

**Required:** False

#### DiscovererId

The ID of the discoverer.

**Type:** string

**Required:** False

#### CrossAccount

Whether cross-account events are discovered.

**Type:** boolean

**Required:** False

#### Description

The description of the discoverer.

**Type:** string

**Required:** False

## SourceArn

The ARN of the event bus.

**Type:** string

**Required:** False

## State

The state of the discoverer.

**Type:** [DiscovererState](#)

**Required:** False

## tags

Tags associated with the resource.

**Type:** [Tags](#)

**Required:** False

## DiscovererState

STARTED

STOPPED

## ErrorOutput

### Message

The message string of the error output.

**Type:** string

**Required:** True

### Code

The error code.

**Type:** string

**Required:** True

## Tags

Key-value pairs associated with a resource.

### key-value pairs

**Type:** string

## UpdateDiscovererInput

### CrossAccount

**Type:** boolean

**Required:** False

### Description

The description of the discoverer to update.

**Type:** string

**Required:** False

**MinLength:** 0

**MaxLength:** 256

## Discover

Allows you get the discovered schemas that have been inferred from events on an event bus.

### Note

Discoverer will only infer events that are nested up to 255 levels. Any events past 255 levels are ignored.

## URI

/v1/discover

## HTTP methods

### POST

**Operation ID:** GetDiscoveredSchema

Get the discovered schema that was generated based on sampled events.

### Responses

Status code	Response model	Description
200	<a href="#">GetDiscoveredSchemaOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## OPTIONS

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

## POST schema

```
{
  "Type": enum,
  "Events": [
    "string"
  ]
}
```

## Response bodies

### GetDiscoveredSchemaOutput schema

```
{
  "Content": "string"
}
```

### ErrorOutput schema

```
{
  "Message": "string",
  "Code": "string"
}
```

## Properties

### ErrorOutput

#### Message

The message string of the error output.

**Type:** string

**Required:** True

#### Code

The error code.

**Type:** string

**Required:** True

## GetDiscoveredSchemaInput

### Type

The type of event.

**Type:** [Type](#)

**Required:** True

### Events

An array of strings where each string is a JSON event. These are the events that were used to generate the schema. The array includes a single type of event and has a maximum size of 10 events.

**Type:** Array of type string

**Required:** True

## GetDiscoveredSchemaOutput

### Content

The source of the schema definition.

**Type:** string

**Required:** False

### Type

The type of schema to export.

OpenApi3

JSONSchemaDraft4

## Discoverers

Discoverers allow you to infer EventBridge Schemas based on the events on an event bus.

## URI

/v1/discoverers

## HTTP methods

### GET

**Operation ID:** ListDiscoverers

List the discoverers.

### Query parameters

Name	Type	Required	Description
sourceArnPrefix	String	False	Specifying this limits the results to only those ARNs that start with the specified prefix.
limit	String	False	The maximum number of results to return per page.
nextToken	String	False	The token that specifies the next page of results to return. To request the first page, leave NextToken empty. The token will expire in 24 hours, and cannot be shared with other accounts.
discovererIdPrefix	String	False	Specifying this limits the results to only those discoverer IDs

Name	Type	Required	Description
			that start with the specified prefix.

## Responses

Status code	Response model	Description
200	<a href="#">ListDiscoverersOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## POST

### Operation ID: CreateDiscoverer

Creates a discoverer.

Due to no name being passed in the CreateDiscoverer API call there is no resource to DENY against when the customer adds a resource ARN of an existing discoverer in their IAM policies.

## Responses

Status code	Response model	Description
201	<a href="#">DiscovererOutput</a>	201 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response

Status code	Response model	Description
403	<a href="#">ErrorOutput</a>	403 response
409	<a href="#">ErrorOutput</a>	409 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## OPTIONS

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{
  "CrossAccount": boolean,
  "Description": "string",
  "SourceArn": "string",
  "tags": {
  }
}
```

### Response bodies

#### ListDiscoverersOutput schema

```
{
  "NextToken": "string",
  "Discoverers": [
    {
```

```
    "DiscovererArn": "string",
    "DiscovererId": "string",
    "CrossAccount": boolean,
    "SourceArn": "string",
    "State": enum,
    "tags": {
    }
  }
]
```

## DiscovererOutput schema

```
{
  "DiscovererArn": "string",
  "DiscovererId": "string",
  "CrossAccount": boolean,
  "Description": "string",
  "SourceArn": "string",
  "State": enum,
  "tags": {
  }
}
```

## ErrorOutput schema

```
{
  "Message": "string",
  "Code": "string"
}
```

## Properties

### CreateDiscovererInput

#### CrossAccount

Allows for the discovery of the event schemas that are sent to the event bus from another account.  
(default: true)

**Type:** boolean

**Required:** False

## Description

A description for the discoverer.

**Type:** string

**Required:** False

**MinLength:** 0

**MaxLength:** 256

## SourceArn

The ARN of the event bus.

**Type:** string

**Required:** True

**MinLength:** 20

**MaxLength:** 1600

## tags

Tags associated with the resource.

**Type:** [Tags](#)

**Required:** False

## DiscovererOutput

### DiscovererArn

The ARN of the discoverer.

**Type:** string

**Required:** False

### DiscovererId

The ID of the discoverer.

**Type:** string

**Required:** False

## CrossAccount

Whether cross-account events are discovered.

**Type:** boolean

**Required:** False

## Description

The description of the discoverer.

**Type:** string

**Required:** False

## SourceArn

The ARN of the event bus.

**Type:** string

**Required:** False

## State

The state of the discoverer.

**Type:** [DiscovererState](#)

**Required:** False

## tags

Tags associated with the resource.

**Type:** [Tags](#)

**Required:** False

## DiscovererState

STARTED

STOPPED

## DiscovererSummary

A summary of the discoverer.

### DiscovererArn

The ARN of the discoverer.

**Type:** string

**Required:** False

### DiscovererId

The ID of the discoverer.

**Type:** string

**Required:** False

### CrossAccount

Whether cross-account events are discovered.

**Type:** boolean

**Required:** False

### SourceArn

The ARN of the event bus.

**Type:** string

**Required:** False

## State

The state of the discoverer.

**Type:** [DiscovererState](#)

**Required:** False

## tags

Tags associated with the resource.

**Type:** [Tags](#)

**Required:** False

## ErrorOutput

### Message

The message string of the error output.

**Type:** string

**Required:** True

### Code

The error code.

**Type:** string

**Required:** True

## ListDiscoverersOutput

### NextToken

The token that specifies the next page of results to return. To request the first page, leave NextToken empty. The token will expire in 24 hours, and cannot be shared with other accounts.

**Type:** string

**Required:** False

## Discoverers

An array of `DiscovererSummary` information.

**Type:** Array of type [DiscovererSummary](#)

**Required:** False

## Tags

Key-value pairs associated with a resource.

### key-value pairs

**Type:** string

## Export

Exports a schema.

## URI

`/v1/registries/name/registryName/schemas/name/schemaName/export`

## HTTP methods

### GET

**Operation ID:** `ExportSchema`

Exports a schema.

### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.
<i>schemaName</i>	String	True	The name of the schema.

## Query parameters

Name	Type	Required	Description
type	String	True	The type of schema to export.
schemaVersion	String	False	Specifying this limits the results to only this schema version.

## Responses

Status code	Response model	Description
200	<a href="#">ExportSchemaOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
429	<a href="#">ErrorOutput</a>	429 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## OPTIONS

### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.

Name	Type	Required	Description
<i>schemaName</i>	String	True	The name of the schema.

## Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Response bodies

#### ExportSchemaOutput schema

```
{
  "Type": "string",
  "SchemaVersion": "string",
  "Content": "string",
  "SchemaName": "string",
  "SchemaArn": "string"
}
```

#### ErrorOutput schema

```
{
  "Message": "string",
  "Code": "string"
}
```

## Properties

### ErrorOutput

#### Message

The message string of the error output.

**Type:** string  
**Required:** True

## Code

The error code.

**Type:** string  
**Required:** True

## ExportSchemaOutput

The schema to export.

### Type

The type of schema to export.

**Type:** string  
**Required:** False

## SchemaVersion

The version of the schema to export.

**Type:** string  
**Required:** False

## Content

The content of the schema.

**Type:** string  
**Required:** False

## SchemaName

The name of the schema to export.

**Type:** string

**Required:** False

## SchemaArn

The ARN of the schema to export.

**Type:** string

**Required:** False

## Get Code Binding Source

### URI

`/v1/registries/name/registryName/schemas/name/schemaName/language/language/source`

### HTTP methods

#### GET

**Operation ID:** GetCodeBindingSource

Get the code binding source URI.

#### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.
<i>schemaName</i>	String	True	The name of the schema.
<i>language</i>	String	True	The language of the code binding. The supported languages and corresponding values are as follows:

Name	Type	Required	Description
			<ul style="list-style-type: none"> <li>• Java: Java8</li> <li>• Python: Python36</li> <li>• TypeScript: TypeScript3</li> <li>• Golang: Go1</li> </ul>

## Query parameters

Name	Type	Required	Description
schemaVersion	String	False	Specifying this limits the results to only this schema version.

## Responses

Status code	Response model	Description
200	<a href="#">GetCodeBindingSourceOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
429	<a href="#">ErrorOutput</a>	429 response
500	<a href="#">ErrorOutput</a>	500 response

## OPTIONS

### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.
<i>schemaName</i>	String	True	The name of the schema.
<i>language</i>	String	True	The language of the code binding. The supported languages and corresponding values are as follows: <ul style="list-style-type: none"> <li>• Java: Java8</li> <li>• Python: Python36</li> <li>• TypeScript: TypeScript3</li> <li>• Golang: Go1</li> </ul>

### Query parameters

Name	Type	Required	Description
schemaVersion	String	False	Specifying this limits the results to only this schema version.

### Responses

Status code	Response model	Description
200	None	200 response

# Schemas

## Response bodies

### GetCodeBindingSourceOutput schema

```
"string"
```

### ErrorOutput schema

```
{  
  "Message": "string",  
  "Code": "string"  
}
```

## Properties

### ErrorOutput

#### Message

The message string of the error output.

**Type:** string

**Required:** True

#### Code

The error code.

**Type:** string

**Required:** True

## List Schema Versions

### URI

/v1/registries/name/*registryName*/schemas/name/*schemaName*/versions

## HTTP methods

### GET

**Operation ID:** ListSchemaVersions

Provides a list of the schema versions and related information.

#### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.
<i>schemaName</i>	String	True	The name of the schema.

#### Query parameters

Name	Type	Required	Description
limit	String	False	The maximum number of results to return per page.
nextToken	String	False	The token that specifies the next page of results to return. To request the first page, leave NextToken empty. The token will expire in 24 hours, and cannot be shared with other accounts.

## Responses

Status code	Response model	Description
200	<a href="#">ListSchemaVersionsOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## OPTIONS

### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.
<i>schemaName</i>	String	True	The name of the schema.

### Responses

Status code	Response model	Description
200	None	200 response

# Schemas

## Response bodies

### ListSchemaVersionsOutput schema

```
{
  "NextToken": "string",
  "SchemaVersions": [
    {
      "Type": "string",
      "SchemaVersion": "string",
      "SchemaName": "string",
      "SchemaArn": "string"
    }
  ]
}
```

### ErrorOutput schema

```
{
  "Message": "string",
  "Code": "string"
}
```

## Properties

### ErrorOutput

#### Message

The message string of the error output.

**Type:** string

**Required:** True

#### Code

The error code.

**Type:** string

**Required:** True

## ListSchemaVersionsOutput

### NextToken

The token that specifies the next page of results to return. To request the first page, leave NextToken empty. The token will expire in 24 hours, and cannot be shared with other accounts.

**Type:** string

**Required:** False

### SchemaVersions

An array of schema version summaries.

**Type:** Array of type [SchemaVersionSummary](#)

**Required:** False

## SchemaVersionSummary

### Type

The type of schema to export.

**Type:** string

**Required:** False

### SchemaVersion

The version number of the schema.

**Type:** string

**Required:** False

### SchemaName

The name of the schema.

**Type:** string

**Required:** False

## SchemaArn

The ARN of the schema version.

**Type:** string

**Required:** False

## Policy

The resource-based policy.

## URI

/v1/policy

## HTTP methods

### GET

**Operation ID:** GetResourcePolicy

Retrieves the resource-based policy attached to a given registry.

### Query parameters

Name	Type	Required	Description
registryName	String	False	The name of the registry.

### Responses

Status code	Response model	Description
200	<a href="#">GetResourcePolicyOutput</a>	Get Resource-Based Policy Response

Status code	Response model	Description
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## PUT

**Operation ID:** PutResourcePolicy

The name of the policy.

### Query parameters

Name	Type	Required	Description
registryName	String	False	The name of the registry.

### Responses

Status code	Response model	Description
200	<a href="#">PutResourcePolicyOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response

Status code	Response model	Description
404	<a href="#">ErrorOutput</a>	404 response
412	<a href="#">ErrorOutput</a>	412 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## DELETE

**Operation ID:** DeleteResourcePolicy

Delete the resource-based policy attached to the specified registry.

### Query parameters

Name	Type	Required	Description
registryName	String	False	The name of the registry.

### Responses

Status code	Response model	Description
204	None	204 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## OPTIONS

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### PUT schema

```
{  
  "Policy": "string",  
  "RevisionId": "string"  
}
```

### Response bodies

#### GetResourcePolicyOutput schema

```
{  
  "Policy": "string",  
  "RevisionId": "string"  
}
```

#### PutResourcePolicyOutput schema

```
{  
  "Policy": "string",  
  "RevisionId": "string"  
}
```

#### ErrorOutput schema

```
{
```

```
"Message": "string",  
"Code": "string"  
}
```

## Properties

### ErrorOutput

#### Message

The message string of the error output.

**Type:** string

**Required:** True

#### Code

The error code.

**Type:** string

**Required:** True

### GetResourcePolicyOutput

Information about the policy.

#### Policy

The resource-based policy.

**Type:** string

**Required:** False

#### RevisionId

The revision ID.

**Type:** string

**Required:** False

## PutResourcePolicyInput

Only update the policy if the revision ID matches the ID that's specified. Use this option to avoid modifying a policy that has changed since you last read it.

### Policy

The resource-based policy.

**Type:** string

**Required:** True

### RevisionId

The revision ID of the policy.

**Type:** string

**Required:** False

## PutResourcePolicyOutput

The resource-based policy.

### Policy

The resource-based policy.

**Type:** string

**Required:** False

### RevisionId

The revision ID of the policy.

**Type:** string

**Required:** False

# Registries

## URI

`/v1/registries`

## HTTP methods

### GET

**Operation ID:** ListRegistries

List the registries.

### Query parameters

Name	Type	Required	Description
scope	String	False	Can be set to Local or AWS to limit responses to your custom registries, or the ones provided by AWS.
limit	String	False	The maximum number of results to return per page.
nextToken	String	False	The token that specifies the next page of results to return. To request the first page, leave NextToken empty. The token will expire in 24 hours, and cannot be shared with other accounts.

Name	Type	Required	Description
registryNamePrefix	String	False	Specifying this limits the results to only those registry names that start with the specified prefix.

## Responses

Status code	Response model	Description
200	<a href="#">ListRegistriesOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## OPTIONS

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Response bodies

## ListRegistriesOutput schema

```
{
  "NextToken": "string",
  "Registries": [
    {
      "RegistryName": "string",
      "RegistryArn": "string",
      "tags": {
      }
    }
  ]
}
```

## ErrorOutput schema

```
{
  "Message": "string",
  "Code": "string"
}
```

## Properties

### ErrorOutput

#### Message

The message string of the error output.

**Type:** string

**Required:** True

#### Code

The error code.

**Type:** string

**Required:** True

## ListRegistriesOutput

List the registries.

### NextToken

The token that specifies the next page of results to return. To request the first page, leave NextToken empty. The token will expire in 24 hours, and cannot be shared with other accounts.

**Type:** string

**Required:** False

### Registries

An array of registry summaries.

**Type:** Array of type [RegistrySummary](#)

**Required:** False

## RegistrySummary

### RegistryName

The name of the registry.

**Type:** string

**Required:** False

### RegistryArn

The ARN of the registry.

**Type:** string

**Required:** False

### tags

Tags associated with the registry.

Type: [Tags](#)

Required: False

## Tags

Key-value pairs associated with a resource.

### key-value pairs

Type: string

## Registry

### URI

/v1/registries/name/*registryName*

## HTTP methods

### GET

Operation ID: DescribeRegistry

Describes the registry.

### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.

### Responses

Status code	Response model	Description
200	<a href="#">RegistryOutput</a>	200 response

Status code	Response model	Description
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## POST

### Operation ID: CreateRegistry

Creates a registry.

#### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.

#### Responses

Status code	Response model	Description
201	<a href="#">RegistryOutput</a>	201 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
409	<a href="#">ErrorOutput</a>	409 response

Status code	Response model	Description
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## PUT

**Operation ID:** UpdateRegistry

### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.

### Responses

Status code	Response model	Description
200	<a href="#">RegistryOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## DELETE

**Operation ID:** DeleteRegistry

Deletes a Registry.

## Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.

## Responses

Status code	Response model	Description
204	None	204 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## OPTIONS

### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.

### Responses

Status code	Response model	Description
200	None	200 response

# Schemas

## Request bodies

### POST schema

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

### PUT schema

```
{
  "Description": "string"
}
```

## Response bodies

### RegistryOutput schema

```
{
  "Description": "string",
  "RegistryName": "string",
  "RegistryArn": "string",
  "tags": {
  }
}
```

### ErrorOutput schema

```
{
  "Message": "string",
  "Code": "string"
}
```

# Properties

## CreateRegistryInput

### Description

A description of the registry to be created.

**Type:** string

**Required:** False

**MinLength:** 0

**MaxLength:** 256

### tags

Tags to associate with the registry.

**Type:** [Tags](#)

**Required:** False

## ErrorOutput

### Message

The message string of the error output.

**Type:** string

**Required:** True

### Code

The error code.

**Type:** string

**Required:** True

## RegistryOutput

### Description

The description of the registry.

**Type:** string

**Required:** False

### RegistryName

The name of the registry.

**Type:** string

**Required:** False

### RegistryArn

The ARN of the registry.

**Type:** string

**Required:** False

### tags

Tags associated with the registry.

**Type:** [Tags](#)

**Required:** False

## Tags

Key-value pairs associated with a resource.

### key-value pairs

**Type:** string

## UpdateRegistryInput

### Description

The description of the registry to update.

**Type:** string

**Required:** False

**MinLength:** 0

**MaxLength:** 256

## Schema

### URI

/v1/registries/name/*registryName*/schemas/name/*schemaName*

### HTTP methods

#### GET

**Operation ID:** DescribeSchema

Retrieve the schema definition.

#### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.
<i>schemaName</i>	String	True	The name of the schema.

## Query parameters

Name	Type	Required	Description
schemaVersion	String	False	Specifying this limits the results to only this schema version.

## Responses

Status code	Response model	Description
200	<a href="#">DescribeSchemaOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## POST

### Operation ID: CreateSchema

Creates a schema definition.

#### Note

Inactive schemas will be deleted after two years.

## Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.
<i>schemaName</i>	String	True	The name of the schema.

## Responses

Status code	Response model	Description
201	<a href="#">SchemaOutput</a>	201 response
400	<a href="#">ErrorOutput</a>	400 response
403	<a href="#">ErrorOutput</a>	403 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## PUT

**Operation ID:** UpdateSchema

Updates the schema definition

### Note

Inactive schemas will be deleted after two years.

## Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.
<i>schemaName</i>	String	True	The name of the schema.

## Responses

Status code	Response model	Description
200	<a href="#">SchemaOutput</a>	200 response
304	None	304 response
400	<a href="#">ErrorOutput</a>	400 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## DELETE

**Operation ID:** DeleteSchema

Delete a schema definition.

## Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.

Name	Type	Required	Description
<i>schemaName</i>	String	True	The name of the schema.

## Responses

Status code	Response model	Description
204	None	204 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## OPTIONS

### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.
<i>schemaName</i>	String	True	The name of the schema.

## Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

```
{
  "Type": enum,
  "Description": "string",
  "Content": "string",
  "tags": {
  }
}
```

#### PUT schema

```
{
  "Type": enum,
  "Description": "string",
  "ClientTokenId": "string",
  "Content": "string"
}
```

### Response bodies

#### DescribeSchemaOutput schema

```
{
  "LastModified": "string",
  "Type": "string",
  "Description": "string",
  "SchemaVersion": "string",
  "Content": "string",
}
```

```
"VersionCreatedDate": "string",
"SchemaArn": "string",
"SchemaName": "string",
"tags": {
}
}
```

## SchemaOutput schema

```
{
  "LastModified": "string",
  "Type": "string",
  "Description": "string",
  "SchemaVersion": "string",
  "VersionCreatedDate": "string",
  "SchemaArn": "string",
  "SchemaName": "string",
  "tags": {
}
}
```

## ErrorOutput schema

```
{
  "Message": "string",
  "Code": "string"
}
```

## Properties

### CreateSchemaInput

#### Type

The type of schema.

Valid types include OpenApi3 and JSONSchemaDraft4.

**Type:** [Type](#)

**Required:** True

## Description

A description of the schema.

**Type:** string

**Required:** False

**MinLength:** 0

**MaxLength:** 256

## Content

The source of the schema definition.

**Type:** string

**Required:** True

**MinLength:** 1

**MaxLength:** 100000

## tags

Tags associated with the schema.

**Type:** [Tags](#)

**Required:** False

## DescribeSchemaOutput

### LastModified

The date and time that schema was modified.

**Type:** string

**Required:** False

**Format:** date-time

## Type

The type of the schema.

Valid types include OpenApi3 and JSONSchemaDraft4.

**Type:** string

**Required:** False

### Description

The description of the schema.

**Type:** string

**Required:** False

### SchemaVersion

The version number of the schema

**Type:** string

**Required:** False

### Content

The source of the schema definition.

**Type:** string

**Required:** False

### VersionCreatedDate

The date the schema version was created.

**Type:** string

**Required:** False

**Format:** date-time

### SchemaArn

The ARN of the schema.

**Type:** string

**Required:** False

## SchemaName

The name of the schema.

**Type:** string

**Required:** False

## tags

Tags associated with the resource.

**Type:** [Tags](#)

**Required:** False

## ErrorOutput

### Message

The message string of the error output.

**Type:** string

**Required:** True

### Code

The error code.

**Type:** string

**Required:** True

## SchemaOutput

### LastModified

The date and time that schema was modified.

**Type:** string

**Required:** False  
**Format:** date-time

## Type

The type of the schema.

Valid types include OpenApi3 and JSONSchemaDraft4.

**Type:** string  
**Required:** False

## Description

The description of the schema.

**Type:** string  
**Required:** False

## SchemaVersion

The version number of the schema

**Type:** string  
**Required:** False

## VersionCreatedDate

The date the schema version was created.

**Type:** string  
**Required:** False  
**Format:** date-time

## SchemaArn

The ARN of the schema.

**Type:** string

**Required:** False

## SchemaName

The name of the schema.

**Type:** string

**Required:** False

## tags

**Type:** [Tags](#)

**Required:** False

## Tags

Key-value pairs associated with a resource.

## key-value pairs

**Type:** string

## Type

The type of schema to export.

OpenApi3

JSONSchemaDraft4

## UpdateSchemaInput

### Type

The schema type for the events schema.

Valid types include OpenApi3 and JSONSchemaDraft4.

**Type:** [Type](#)

**Required:** False

## Description

The description of the schema.

**Type:** string

**Required:** False

**MinLength:** 0

**MaxLength:** 256

## ClientTokenId

The ID of the client token.

**Type:** string

**Required:** False

**MinLength:** 0

**MaxLength:** 36

## Content

The source of the schema definition.

**Type:** string

**Required:** False

**MinLength:** 1

**MaxLength:** 100000

# Schemas

## URI

`/v1/registries/name/registryName/schemas`

## HTTP methods

### GET

**Operation ID:** ListSchemas

List the schemas.

### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.

### Query parameters

Name	Type	Required	Description
schemaNamePrefix	String	False	Specifying this limits the results to only those schema names that start with the specified prefix.
limit	String	False	The maximum number of results to return per page.
nextToken	String	False	The token that specifies the next page of results to return. To request the first page, leave NextToken empty. The token will expire in 24 hours, and cannot be shared with other accounts.

## Responses

Status code	Response model	Description
200	<a href="#">ListSchemasOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## OPTIONS

### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Response bodies

#### ListSchemasOutput schema

```
{
```

```
"NextToken": "string",
"Schemas": [
  {
    "LastModified": "string",
    "VersionCount": integer,
    "SchemaName": "string",
    "SchemaArn": "string",
    "tags": {
    }
  }
]
```

## ErrorOutput schema

```
{
  "Message": "string",
  "Code": "string"
}
```

## Properties

### ErrorOutput

#### Message

The message string of the error output.

**Type:** string

**Required:** True

#### Code

The error code.

**Type:** string

**Required:** True

## ListSchemasOutput

### NextToken

The token that specifies the next page of results to return. To request the first page, leave NextToken empty. The token will expire in 24 hours, and cannot be shared with other accounts.

**Type:** string

**Required:** False

### Schemas

An array of schema summaries.

**Type:** Array of type [SchemaSummary](#)

**Required:** False

## SchemaSummary

A summary of schema details.

### LastModified

The date and time that schema was modified.

**Type:** string

**Required:** False

**Format:** date-time

### VersionCount

The number of versions available for the schema.

**Type:** integer

**Required:** False

**Format:** int64

### SchemaName

The name of the schema.

**Type:** string

**Required:** False

## SchemaArn

The ARN of the schema.

**Type:** string

**Required:** False

## tags

Tags associated with the schema.

**Type:** [Tags](#)

**Required:** False

## Tags

Key-value pairs associated with a resource.

## key-value pairs

**Type:** string

# Search Schemas

## URI

/v1/registries/name/*registryName*/schemas/search

## HTTP methods

### GET

**Operation ID:** SearchSchemas

Search the schemas

## Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.

## Query parameters

Name	Type	Required	Description
keywords	String	True	Specifying this limits the results to only schemas that include the provided keywords.
limit	String	False	The maximum number of results to return per page.
nextToken	String	False	The token that specifies the next page of results to return. To request the first page, leave NextToken empty. The token will expire in 24 hours, and cannot be shared with other accounts.

## Responses

Status code	Response model	Description
200	<a href="#">SearchSchemasOutput</a>	200 response

Status code	Response model	Description
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## OPTIONS

### Path parameters

Name	Type	Required	Description
<i>registryName</i>	String	True	The name of the schema registry.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Response bodies

#### SearchSchemasOutput schema

```
{
  "NextToken": "string",
  "Schemas": [
    {
      "Type": "string",
```

```
  "RegistryName": "string",
  "SchemaVersions": [
    {
      "SchemaVersion": "string",
      "CreatedDate": "string"
    }
  ],
  "SchemaName": "string",
  "SchemaArn": "string"
}
```

## ErrorOutput schema

```
{
  "Message": "string",
  "Code": "string"
}
```

## Properties

### ErrorOutput

#### Message

The message string of the error output.

**Type:** string

**Required:** True

#### Code

The error code.

**Type:** string

**Required:** True

## SearchSchemaSummary

### Type

The type of schema to export.

Valid types include OpenApi3 and JSONSchemaDraft4.

**Type:** string

**Required:** False

### RegistryName

The name of the registry.

**Type:** string

**Required:** False

### SchemaVersions

An array of schema version summaries.

**Type:** Array of type [SearchSchemaVersionSummary](#)

**Required:** False

### SchemaName

The name of the schema.

**Type:** string

**Required:** False

### SchemaArn

The ARN of the schema.

**Type:** string

**Required:** False

## SearchSchemaVersionSummary

### SchemaVersion

The version number of the schema

**Type:** string

**Required:** False

### CreatedDate

The date the schema version was created.

**Type:** string

**Required:** False

**Format:** date-time

## SearchSchemasOutput

### NextToken

The token that specifies the next page of results to return. To request the first page, leave NextToken empty. The token will expire in 24 hours, and cannot be shared with other accounts.

**Type:** string

**Required:** False

### Schemas

An array of SearchSchemaSummary information.

**Type:** Array of type [SearchSchemaSummary](#)

**Required:** False

## Start Discoverer

### URI

/v1/discoverers/id/*discovererId*/start

## HTTP methods

### POST

**Operation ID:** StartDiscoverer

Starts the discoverer

#### Path parameters

Name	Type	Required	Description
<i>discovererId</i>	String	True	The ID of the discoverer.

#### Responses

Status code	Response model	Description
200	<a href="#">DiscovererStateOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## OPTIONS

### Path parameters

Name	Type	Required	Description
<i>discovererId</i>	String	True	The ID of the discoverer.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Response bodies

#### DiscovererStateOutput schema

```
{
  "DiscovererId": "string",
  "State": enum
}
```

#### ErrorOutput schema

```
{
  "Message": "string",
  "Code": "string"
}
```

## Properties

### DiscovererState

STARTED

STOPPED

## DiscovererStateOutput

### DiscovererId

The ID of the discoverer.

**Type:** string

**Required:** False

### State

The state of the discoverer.

**Type:** [DiscovererState](#)

**Required:** False

## ErrorOutput

### Message

The message string of the error output.

**Type:** string

**Required:** True

### Code

The error code.

**Type:** string

**Required:** True

## Stop Discoverer

### URI

`/v1/discoverers/id/discovererId/stop`

## HTTP methods

### POST

**Operation ID:** StopDiscoverer

Stops the discoverer

#### Path parameters

Name	Type	Required	Description
<i>discovererId</i>	String	True	The ID of the discoverer.

#### Responses

Status code	Response model	Description
200	<a href="#">DiscovererStateOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
401	<a href="#">ErrorOutput</a>	401 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response
503	<a href="#">ErrorOutput</a>	503 response

## OPTIONS

### Path parameters

Name	Type	Required	Description
<i>discovererId</i>	String	True	The ID of the discoverer.

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Response bodies

#### DiscovererStateOutput schema

```
{  
  "DiscovererId": "string",  
  "State": enum  
}
```

#### ErrorOutput schema

```
{  
  "Message": "string",  
  "Code": "string"  
}
```

## Properties

### DiscovererState

STARTED

STOPPED

## DiscovererStateOutput

### DiscovererId

The ID of the discoverer.

**Type:** string

**Required:** False

### State

The state of the discoverer.

**Type:** [DiscovererState](#)

**Required:** False

## ErrorOutput

### Message

The message string of the error output.

**Type:** string

**Required:** True

### Code

The error code.

**Type:** string

**Required:** True

## Tag

A tag is a key-value pair associated with a resource. You can use these metadata tags to identify the purpose of a broker or configuration.

## URI

/tags/*resource-arn*

## HTTP methods

### GET

**Operation ID:** ListTagsForResource

Get tags for resource.

#### Path parameters

Name	Type	Required	Description
<i>resource-arn</i>	String	True	The ARN of the resource.

#### Responses

Status code	Response model	Description
200	<a href="#">ListTagsForResourceOutput</a>	200 response
400	<a href="#">ErrorOutput</a>	400 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response

### POST

**Operation ID:** TagResource

Add tags to a resource.

## Path parameters

Name	Type	Required	Description
<i>resource-arn</i>	String	True	The ARN of the resource.

## Responses

Status code	Response model	Description
204	None	204 response
400	<a href="#">ErrorOutput</a>	400 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response

## DELETE

**Operation ID:** UntagResource

Removes tags from a resource.

## Path parameters

Name	Type	Required	Description
<i>resource-arn</i>	String	True	The ARN of the resource.

## Query parameters

Name	Type	Required	Description
tagKeys	String	True	Keys of key-value pairs.

## Responses

Status code	Response model	Description
204	None	204 response
400	<a href="#">ErrorOutput</a>	400 response
403	<a href="#">ErrorOutput</a>	403 response
404	<a href="#">ErrorOutput</a>	404 response
500	<a href="#">ErrorOutput</a>	500 response

## OPTIONS

### Responses

Status code	Response model	Description
200	None	200 response

## Schemas

### Request bodies

#### POST schema

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

## Response bodies

### ListTagsForResourceOutput schema

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

### ErrorOutput schema

```
{
  "Message": "string",
  "Code": "string"
}
```

## Properties

### ErrorOutput

#### Message

The message string of the error output.

**Type:** string

**Required:** True

#### Code

The error code.

**Type:** string

**Required:** True

### ListTagsForResourceOutput

#### tags

**Type:** [Tags](#)

**Required:** False

## TagResourceInput

### tags

Tags associated with the resource.

**Type:** [Tags](#)

**Required:** True

## Tags

Key-value pairs associated with a resource.

### key-value pairs

**Type:** string

# Document History for Amazon EventBridge Schemas

The following table describes the documentation for this release of Amazon EventBridge Schemas.

- **API version:** latest
- **Latest documentation update:** December 1, 2019

Change	API Version	Description	Release Date
Initial release	2019-12-01	The initial release of Amazon EventBridge Schemas.	December 1, 2019

# AWS Glossary

For the latest AWS terminology, see the [AWS glossary](#) in the *AWS Glossary Reference*.