

# Amazon SQS

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## Amazon SQS

Connector Information	Details
Provider API Documentation	<a href="#">Amazon SQS API documentation</a>
Authentication	Custom
Events	Not supported
Bulk	Supported
Common Resources and Transformations	Supported

## Amazon SQS Connector Documentation

On this page:

[Authentication Prerequisites](#)

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### Authentication Prerequisites

The Amazon SQS connector uses the OAuth 2.0 authentication workflow. Before you can authenticate an instance of the Amazon SQS connector, you need the following:

### Provider sandbox

A trial Amazon SQS account and sandbox are required.

### Create an Amazon SQS App

To create an Amazon SQS app and register it with your Amazon SQS account, follow these steps:

1. Navigate to the site.
2. Create app.
3. Register app.

## Generate Oauth Credentials

After creating and registering your app, you can generate the necessary Oauth credentials for authentication.

1. Click **Credentials**.
2. Select **Generate**.
3. Note your AWS Access Key and Secret Key which you will need for authentication.

## Required Authentication Parameters

You can authenticate a connector instance using the UI or via API calls. For detailed information on how to authenticate an instance, see our related documentation:

- [Authenticate a Connector Instance \(UI\)](#)
- [Authenticate a Connector Instance \(API\)](#)

To authenticate an instance of the Amazon SQS connector, you will need the following parameters:

Parameter Name/UI Value	API Value	Description	Source
Name	name	The name of your connector instance	n/a
AWS Access Key	sqs.access_key	The API access key for your AWS account.	Generated as part of the credentials for your app; see <b>Generate Oauth Credentials above</b> .
AWS Secret Key	sqs.secret_key	The API secret key for your AWS account.	Generated as part of the credentials for your app; see <b>Generate Oauth Credentials above</b> .
AWS Region	sqs.region_name	The name of the region where your tenant server is hosted.	Found in your tenant URL; for example, <a href="https://[URL].amazon.sqs.fakesite">https://[URL].amazon.sqs.fakesite</a> , eg .fakesite
Visibility Timeout	sqs.message_visibility_timeout	How soon your messages and functions are removed from the interface, measured in seconds.	Determined by your account administrator.

## Sample Configuration JSON

```
{
  "name": "myCoolInstance",
  "configuration": {
    "synchronous.bulk.notification": "true",
    "sqs.access_key": "*****",
    "sqs.secret_key": "*****",
    "sqs.region_name": "myRegion",
    "sqs.message_visibility_timeout": "180"
  }
}
```

# Connector Fact Sheet and Reference

## Authentication and Configuration Parameters

To see all authentication parameters for the Amazon SQS connector, follow these steps:

1. Sign in to SAP Open Connectors and navigate to Connectors.
2. Hover over the card for a connector, and then click My Resources.
3. In the top navigation toolbar, click Setup.
4. From the **Setup** page, you can view a complete list of the connector's authentication and configuration parameters.

## Events and Supported Resources

The Amazon SQS connector supports events via webhooks. For detailed information about our Events framework and how to configure a connector instance with events, see our documentation:

- [Authenticate a Connector Instance with Events \(UI\)](#)
- [Authenticate a Connector Instance with Events \(API\)](#)

You can set up polling events for the following resources of the Amazon SQS connector:

- [LIST\_OF\_EVENT\_CONFIG\_PARAMETERS]

## Objects and Supported Operations

Object	Operations	Bulk Support (y/n)
[OBJECT_1]	GET /accounts POST /accounts GET /accounts/{id}	Y
[OBJECT_2]	GET /contacts POST /contacts GET /contacts/{id}	Y
[OBJECT_3]	GET /credit-notes POST /credit-notes GET /credit-notes/{id}	Y
ETC		

## Queryable Endpoints

You can use OCNQL to query the following endpoints of the Amazon SQS connector:

- GET /{objectName}
- GET /endpoint2
- GET /endpoint3/{id}

## {{Snippet.termelementucsingular}} API Documentation

### Provider Documentation

- [Amazon SQS API Reference](#)
  - [API Documentation](#)
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