

Alliance Cloud

Alliance Cloud Connectors

Release Letter

MQ Connector 1.0

This document contains release information for the Alliance Cloud MQ Connector 1.0.

18 April 2025

Link to this document: <https://www2.swift.com/go/book/book202218>

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Practical Information

Information about release 1.0

Installation type	Mandatory
Operating system requirements	See Operating System Requirements for Release 1.0 on page 5.
Customer installation path (new installation)	1.0
Product dependencies	Swift Microgateway See "Alliance Cloud MQ Connector Installation Tasks " in Alliance Cloud Getting Started .
Operating systems	Available on RHEL and Windows

1 Release Overview

The MQ Connector 1.0 for Alliance Cloud is now available.

This release must be installed as a fresh installation. You can install the MQ Connector using an interactive installation wizard.

The Alliance Cloud MQ Connector enables customers to set up IBM MQ queues to exchange FIN and InterAct messages with Alliance Cloud.

1.1 Software Distribution

This release of the MQ Connector for Alliance Cloud is available on the [Download Centre](#).

1.1.1 Validating Downloads from the Swift Download Centre

For all software products that are available for download on the Swift [Download Centre](#), Swift publishes security information that enables customers to verify the data integrity of the downloaded product.

For more information about the security mechanism used for this validation, see Knowledge Base article [5021288](#).

1.2 Documentation

This topic lists the documentation and additional resources for the MQ Connector for Alliance Cloud.

The Alliance Cloud documentation set includes the following publications:

- [Alliance Cloud Getting Started](#)
- [Alliance Cloud Message Management User Guide](#)
- [Alliance Cloud Operations Guide](#)
- [Alliance Cloud Service Description](#)

Updated documentation is available online

The latest version of the documentation is available on the [Knowledge Centre \(User Handbook\)](#).

We recommend that you check the What's New section of the [Knowledge Centre \(User Handbook\)](#) to be informed about new or updated documentation.

Feedback about documentation

Swift is committed to continuously improve the documentation for our products, software, and services. We welcome your comments about the documentation. You can provide comments by e-mail to userdoc.feedback@swift.com.

Additional resources online

These resources are also available for you through the [MySwift portal](#).

- Knowledge base - Search for solutions to known problems and answers to frequently asked questions.
- How-to videos - View short 2-3 minute videos about how to accomplish a task.

- Basic Troubleshooting Guide - Recommendations and guidelines for how you can troubleshoot the Swift environment.
- Case Manager - Report a case and view your current cases.

1.3 System Requirements

1.3.1 Operating System Requirements for Release 1.0

The MQ Connector for Alliance Cloud has been qualified against the English language version of the following operating systems.

Swift provides support for higher versions of these operating systems. For more information, see Knowledge Base article [1212959](#).

Operating system	Support version
Linux	Red Hat Enterprise Linux 8
Windows	Windows Server 2022 Windows Server 2019

Note *Use of personal tokens will be supported on Windows in a later release of the MQ Connector.*

1.3.2 Processor Speed and Memory Requirements

The processor speed must be 3GHz or faster.

You need 16 GB of memory (RAM) free after operating system utilisation.

1.3.3 Web Browser Configuration

The MQ Connector Graphical User Interface (GUI) has been qualified using the English language version of the following browsers:

- Google Chrome
- Microsoft Edge
- Mozilla Firefox

Swift no longer recommends the use of Internet Explorer.

Browser	Recommended browser version	Tested on OS
Google Chrome	130.0.6723.59 or higher	Windows
Microsoft Edge (Chromium)	130.0.2849.80 or higher	Windows
Mozilla Firefox	131.0.3 or higher	Windows and RHEL

1.3.4 Disk Space Requirements

The MQ Connector for Alliance Cloud requires the following minimum disk space:

- The MQ Connector requires 2 GB of free disk space to install. This includes the size of the installer file and the space required to install it.

-
- Additionally, 5 GB of free disk space is required for the log, audit, and trace files (each type of file taking up to 1 GB of space).

2 New MQ Connector 1.0 Installation

2.1 Prepare for Installation

Before installing the MQ Connector, ensure that you have completed the tasks described in this chapter.

2.1.1 Prepare Release Software for Installation

Before you begin

Read the [Disk Space Requirements](#).

Procedure

1. Navigate to the [Download Centre](#) on www.swift.com.
2. Download the appropriate file for your operating system:
 - `alc_connectors_1_0_0_rhel.tar`
 - `alc_connectors_1_0_0_win64.zip`
3. Copy the appropriate file to the parent directory where the MQ Connector will create its subdirectory.
 - `alc_connectors_1_0_0_rhel.tar`
 - `alc_connectors_1_0_0_win64.zip`
4. Extract the appropriate installer: `alc_connectors_1_0_0_rhel.bin` or `alc_connectors_1_0_0_win64.exe`. Use the correct tool to ensure that the contents of the file remains intact. Delete the archive file.
5. Make sure that the user who installs the MQ Connector has full permissions on all of the extracted files.

2.1.2 Port Availability

You must ensure that a port is available before you install the MQ Connector.

Port number	Description
8443	Default HTTPS port used by the reference flows of the Web service server when configured for HTTPS

2.2 Install MQ Connector 1.0 Interactively (New Installation)

The system administrator installs the MQ Connector alongside the Swift Microgateway. The MQ Connector administrator is a different person who performs the Alliance Cloud MQ Connector configuration-related tasks.

Ideally, the MQ Connector administrator will be with you during the installation.

Before you begin

- Review the [System Requirements](#) on page 5.
- [Prepare for Installation](#) on page 7.

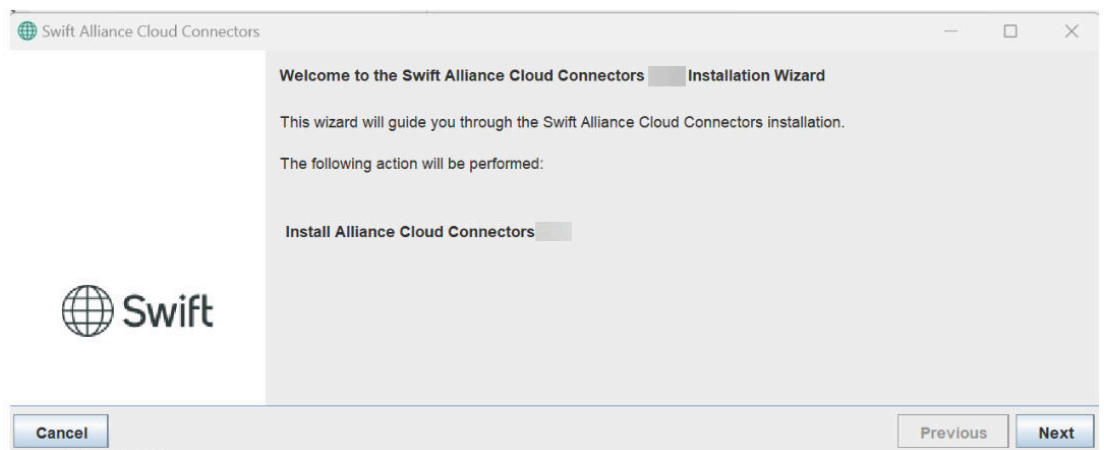
- The system administrator who installs MQ Connector must have the same privileges needed for installation of the Swift Microgateway. During installation, the user who installs the MQ Connector initialises interactively the administrator password, which will be used to execute specific actions on the MQ Connector and to log in to the MQ Connector GUI (graphical user interface).
- The administrator must have full file access permissions to the MQ Connector directory.

Procedure

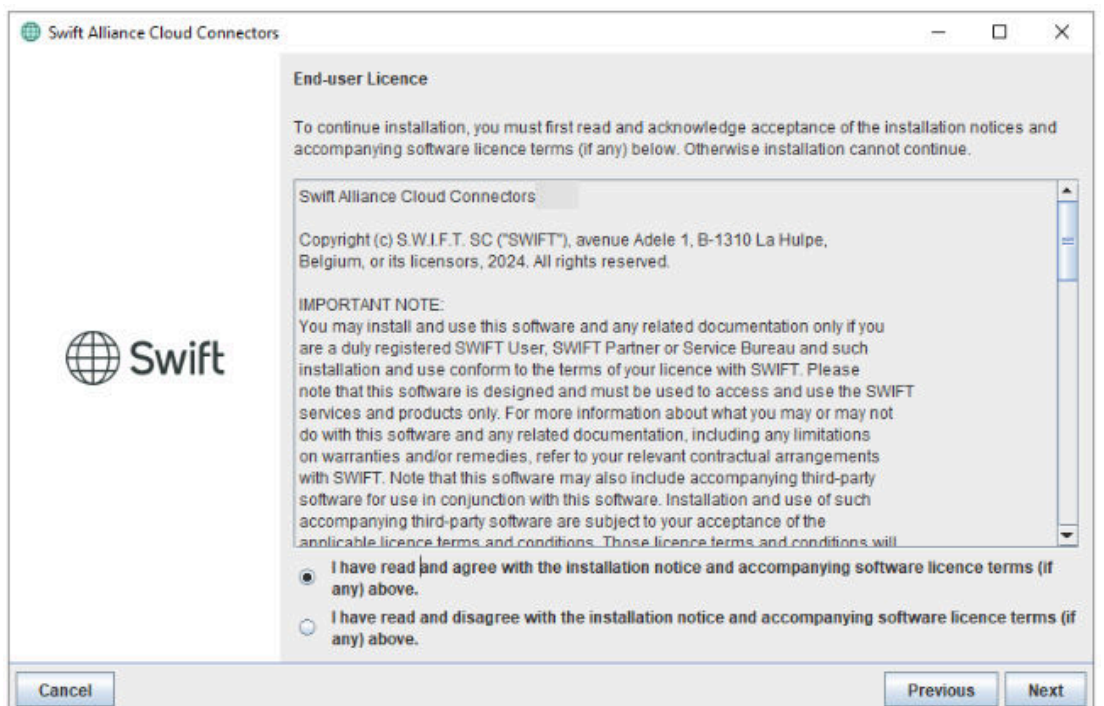
1. Do one of the following:

Choice	Option
On Windows	Double-click the alc_connectors_1_0_0_win64.exe.
On RHEL	Execute the alc_connectors_1_0_0_rhel.bin.

2. In the **Welcome** window, click **Next**.



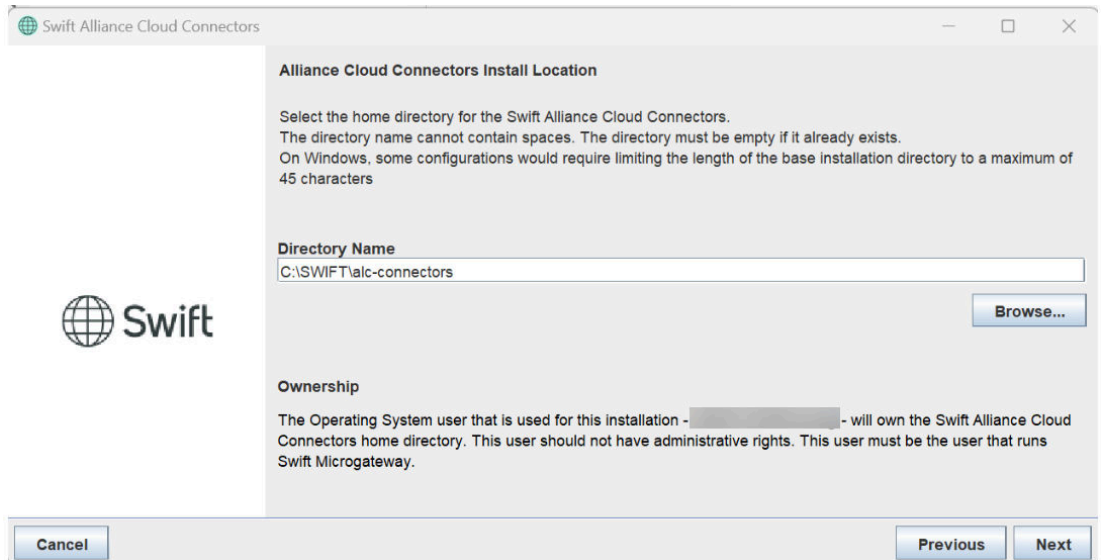
3. Read then accept the terms, and click **Next**.



4. Specify the directory name and path where the MQ Connector will be installed then click .

You can either accept the default path, or click to select another path.
If you select another path, then note the following conventions:

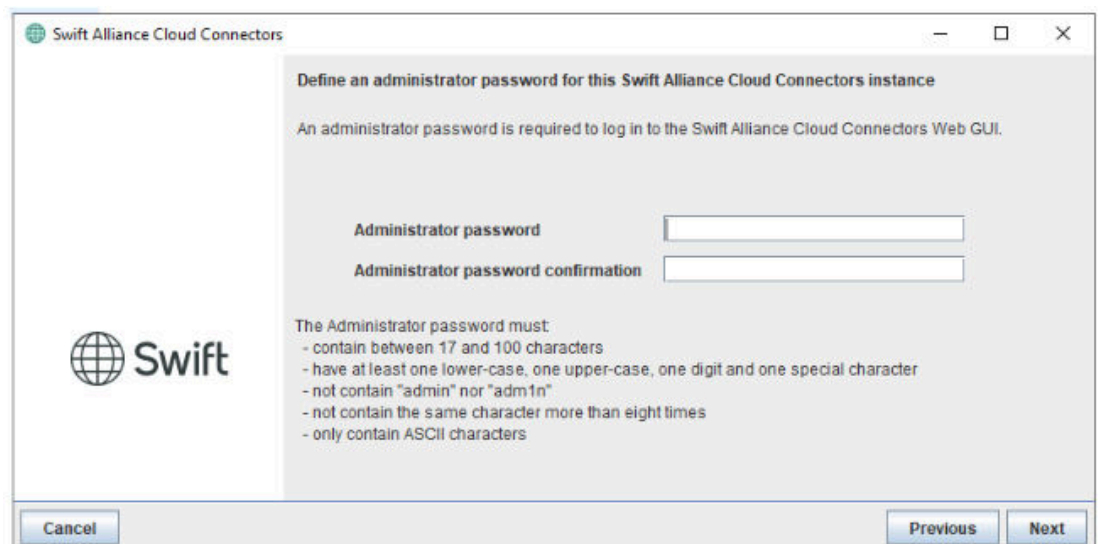
- Do not use spaces in the path name.
- Do not specify a symbolic link. You must type the full physical path.
- Use a directory that is dedicated to this product.
- The OS owner will be set by default to the user performing the installation.



The screenshot shows the 'Alliance Cloud Connectors Install Location' window. It features the Swift logo on the left. The main text area contains instructions: 'Select the home directory for the Swift Alliance Cloud Connectors. The directory name cannot contain spaces. The directory must be empty if it already exists. On Windows, some configurations would require limiting the length of the base installation directory to a maximum of 45 characters'. Below this is a 'Directory Name' field with the text 'C:\SWIFT\alc-connectors' and a 'Browse...' button. An 'Ownership' section states: 'The Operating System user that is used for this installation - [redacted] - will own the Swift Alliance Cloud Connectors home directory. This user should not have administrative rights. This user must be the user that runs Swift Microgateway.' At the bottom are 'Cancel', 'Previous', and 'Next' buttons.

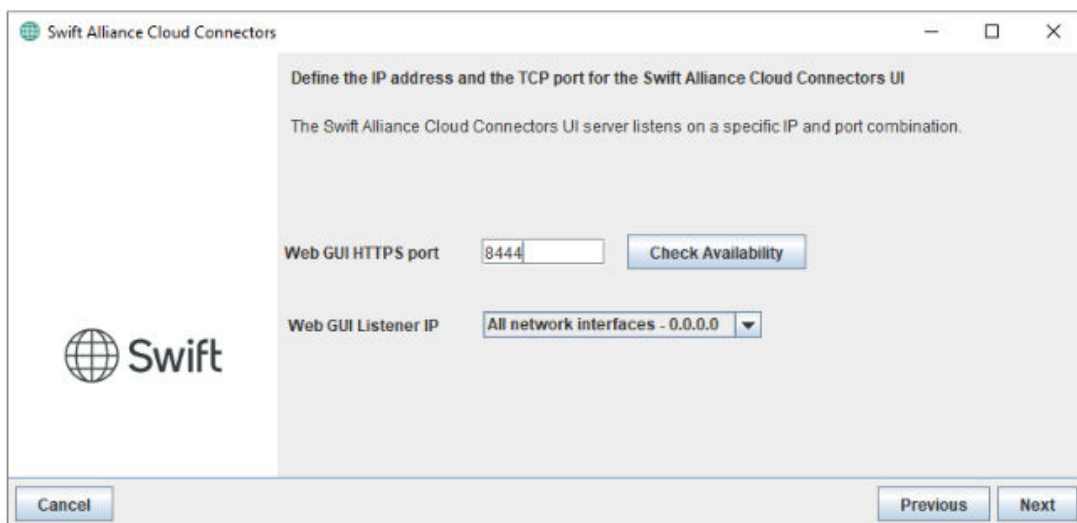
5. In the **Define an administrator password** window, type the initial MQ Connector administrator password.

The password must comply with the criteria displayed on the following screen.



The screenshot shows the 'Define an administrator password for this Swift Alliance Cloud Connectors instance' window. It features the Swift logo on the left. The main text area contains the title and a note: 'An administrator password is required to log in to the Swift Alliance Cloud Connectors Web GUI.' Below this are two input fields: 'Administrator password' and 'Administrator password confirmation'. A list of password requirements is provided: 'The Administrator password must: - contain between 17 and 100 characters - have at least one lower-case, one upper-case, one digit and one special character - not contain "admin" nor "adm1n" - not contain the same character more than eight times - only contain ASCII characters'. At the bottom are 'Cancel', 'Previous', and 'Next' buttons.

6. Define the port and the Web GUI Listener IP and click **Next**.



Swift Alliance Cloud Connectors

Define the IP address and the TCP port for the Swift Alliance Cloud Connectors UI

The Swift Alliance Cloud Connectors UI server listens on a specific IP and port combination.

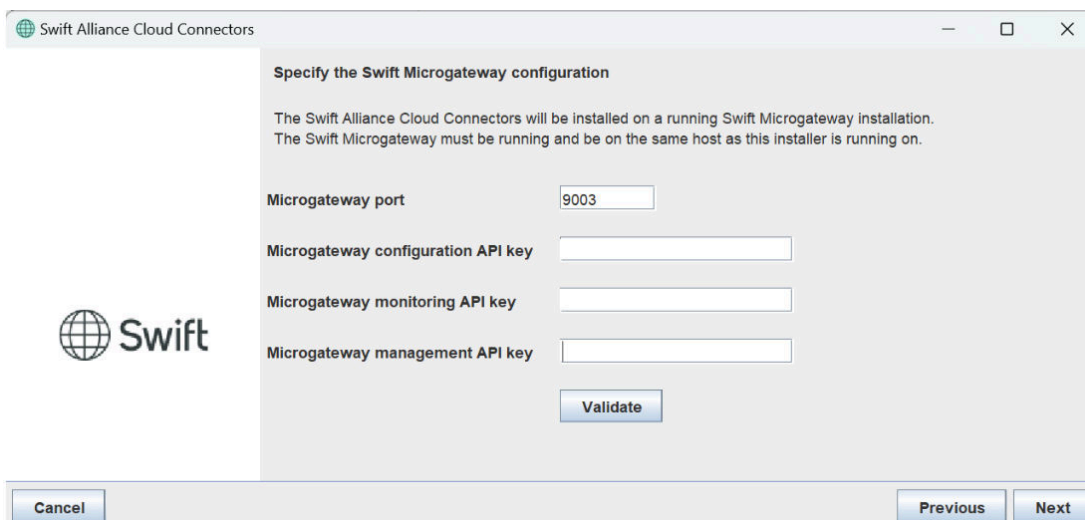
Web GUI HTTPS port: **Check Availability**

Web GUI Listener IP:

Swift

Cancel **Previous** **Next**

7. In the Swift Microgateway configuration screen, type the port, the configuration key, the monitoring key, and the management key of the Swift Microgateway (API server). Click **Next**.



Swift Alliance Cloud Connectors

Specify the Swift Microgateway configuration

The Swift Alliance Cloud Connectors will be installed on a running Swift Microgateway installation.
The Swift Microgateway must be running and be on the same host as this installer is running on.

Microgateway port:

Microgateway configuration API key:

Microgateway monitoring API key:

Microgateway management API key:

Validate

Swift

Cancel **Previous** **Next**

8. In the Installation summary window, click **Install**.



Swift Alliance Cloud Connectors

Alliance Cloud Connectors will be installed as follows:

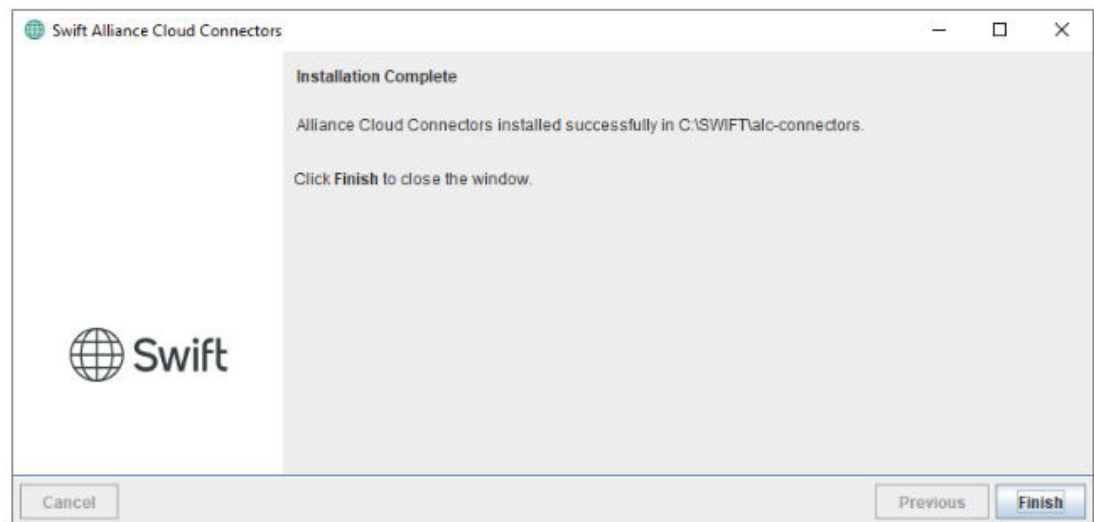
Location : C:\SWIFT\alc-connectors
OS owner:
UI port: 8444
UI IP address: 0.0.0.0

Click **Install** to proceed. After that, the operation cannot be stopped.

Swift

Cancel **Previous** **Install**

9. In the **Installation Complete** window, click **Finish**.



What to do next

1. Provide the MQ Connector administrator with the MQ Connector administrator password that you initialised during installation. The MQ Connector administrator needs this password to log in to the MQ Connector GUI.
2. The MQ Connector administrator must make sure that the "Prerequisites for the MQ Connector administrator" in [Alliance Cloud Getting Started](#) have been implemented.
3. The MQ Connector administrator must log in to and configure the GUI. See "Configuring the MQ Connector GUI" in the [Alliance Cloud Operations Guide](#). Online help is also available after login.

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