

NetIQ[®] CloudAccess

Connector 1.6 for Zoho Guide

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About this Book and the Library

The *NetIQ® CloudAccess Connector for Zoho Guide* provides installation and configuration information for the Connector for Zoho.

Intended Audience

This guide provides information for CloudAccess administrators who are responsible for configuring and managing the Connector for Zoho.

Other Information in the Library

The library provides the following information resources:

Installation and Configuration Guide

Provides installation and configuration instructions for CloudAccess.

Connector Guides

Provide detailed installation and configuration information for each connector available with CloudAccess.

Help

Provides context-sensitive information and step-by-step guidance for common tasks.

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1 Installing and Configuring the Connector for Zoho

The Connector for Zoho provides single sign-on capabilities to Zoho through CloudAccess. The Connector for Zoho allows customers to access resources through Zoho while authentication and access are controlled locally through their enterprise LDAP servers.

- ♦ [Section 1.1, “Requirements,” on page 9](#)
- ♦ [Section 1.2, “Downloading the Connector,” on page 9](#)
- ♦ [Section 1.3, “Importing the Connector,” on page 10](#)
- ♦ [Section 1.4, “Configuring the Connector,” on page 10](#)
- ♦ [Section 1.5, “Configuring Zoho for Single Sign-On,” on page 10](#)
- ♦ [Section 1.6, “Logging in to Zoho,” on page 11](#)

1.1 Requirements

Verify that you meet the following requirements before you start importing the connector:

- A Zoho business account. For more information, see [Zoho Mail \(http://www.zoho.com/mail/zohomail-pricing.html\)](http://www.zoho.com/mail/zohomail-pricing.html).
- A valid public domain that you have registered with Zoho. Select the **Enable MailHosting** option after logging in to the Zoho account.
- A Zoho user account for each user who wants to access Zoho.
- A CloudAccess 1.1 system installed and configured.

1.2 Downloading the Connector

You must download the Connector for Zoho from the Access Connectors HQ Web site at <https://www.netiq.com/products/accessconnectorhq/index.html> (<https://www.netiq.com/products/accessconnectorhq/index.html>). The Connector for Zoho is not included with CloudAccess.

After downloading the connector, proceed to [Section 1.3, “Importing the Connector,” on page 10](#).

1.3 Importing the Connector

After downloading the connector, you must import the connector into CloudAccess in order to use the connector.

To import the connector:

- 1 Log in to the Admin page at https://dns_of_appliance/appliance/index.html as an appliance administrator.
- 2 Click the **Admin** icon on the toolbar.
- 3 Click the **Tools** icon on the toolbar, then click **Import Connector Definition**.
- 4 Click **Browse**, then browse to and select the Connector for Zoho ZIP file.
- 5 Click **Import**.

The Applications palette displays the Connector for Zoho.

- 6 Proceed to [Section 1.4, “Configuring the Connector,” on page 10](#).

1.4 Configuring the Connector

After importing the connector, you must configure the connector to work with Zoho.

- 1 Log in to the Admin page at https://dns_of_appliance/appliance/index.html, then access the Admin page.
- 2 Drag and drop the Connector for Zoho to the bar, then click **Configure**.
- 3 Use the following information to configure the new Connector for Zoho:
 - Display name:** Specify a display name for the connector. This name should be unique so you can identify this connector on the Admin page.
 - Customer domain:** Specify the domain name that you used when creating your Zoho App.
 - Signing certificate:** (Optional) Browse to and select an SSL certificate if you want secure communication to Zoho.
 - Assertion Attribute Mappings:** Select the LDAP attribute that stores the user 's NameID attribute. This value can also be the LDAP **mail** attribute.
- 4 Click **OK**, then click **Apply**.
- 5 Proceed to [Section 1.5, “Configuring Zoho for Single Sign-On,” on page 10](#).

1.5 Configuring Zoho for Single Sign-On

After configuring the connector, you must configure single sign-on (SSO) SAML 2.0 federation between Zoho and CloudAccess.

To configuring Zoho for single sign-on:

- 1 In CloudAccess, obtain the required information to configure Zoho:
 - 1a On the Admin page, click the Connector for Zoho.
 - 1b Click **Configure**.
 - 1c Expand the Federation Instructions, then copy and paste the instructions into a text file to use during the Zoho configuration.

NOTE: You must use a text editor that does not introduce hard returns or additional white space. For example, use Notepad instead of Wordpad.

2 From the Federation Instructions, use the following steps to create a signing certificate:

2a In the Federation Instructions, copy the text between the following tags:

```
-----BEGIN CERTIFICATE-----  
-----END CERTIFICATE-----
```

Ensure that you copy the beginning and ending hyphens in the tags.

NOTE: You must use a text editor that does not introduce hard returns or additional white space. For example, use Notepad instead of Wordpad.

2b Paste the certificate information into a text file.

2c Save the file with a .pem extension.

3 Log in to your Zoho account as an administrator.

4 From the **Account** menu, select **Zoho Mail**.

5 Click the **Control Panel**.

6 In the left panel, click **SAML Authentication**.

7 Use the following information to configure SSO for Zoho:

Login URL: Paste the Sign-in page URL that you obtained from the Federation Instructions.

Logout URL: Paste the Sign-out page URL that you obtained from the Federation Instructions.

Password URL: Paste the Sign-in page URL that you obtained from the Federation Instructions. The connector does not use this value, but it is required by Zoho.

PublicKey: Click **Get key From File**, browse to the location of the certificate you saved from the Federation Instructions, then upload the certificate.

Algorithm: Select **RSA**.

8 Click **Submit** to save the changes.

9 Proceed to [Section 1.6, "Logging in to Zoho,"](#) on page 11.

1.6 Logging in to Zoho

Use the following information to create links for the end users to use when logging into Zoho while also authenticating to the identity source.

- ♦ [Section 1.6.1, "Configuring Service Provider-Initiated Logins,"](#) on page 11
- ♦ [Section 1.6.2, "Configuring Identity Provider-Initiated Logins,"](#) on page 12

1.6.1 Configuring Service Provider-Initiated Logins

A login initiated by the service provider (SP) allows users to start the login process at the service provider or in this case, at Zoho. The user must have an account in the identity source and in Zoho for single sign-on to work.

1. The user accesses the SP-initiated login URL you provide.

```
https://Customer.Domain.business.zoho.com
```

2. CloudAccess redirects the login back to the appliance.

3. At the login screen, the user logs in using the user account and password from the identity source.
4. CloudAccess redirects the login back to Zoho.
5. The user is authenticated to both the identity source and Zoho at this point.

You must provide a link to the SP-initiated login URL for end users to access.

`https://Customer.Domain.business.zoho.com`

1.6.2 Configuring Identity Provider-Initiated Logins

A login initiated by the identity provider (IdP) allows users to start the login process at the identity provider or in this case, at the appliance.

1. The user accesses the IdP-initiated login URL you provide.
`https://appliance_DNS/osp/a/t1/auth/app/login`
2. The login page displays different authentication cards for each application configured to work with the appliance.
3. The user clicks the card for Zoho, then logs in using the user account and password from the identity source.
4. CloudAccess redirects the login back to Zoho.
5. The user is authenticated to both the identity source and Zoho at this point.

You must provide a link to the IdP-initiated login URL for users to access.

`https://appliance_DNS/osp/a/t1/auth/app/login`