



NetScaler with Unified Gateway

Configuring Adobe Creative Cloud

Abstract

Configuring Adobe Creative Cloud for SSO enables administrators to manage their users using NetScaler.

Contents

- ABSTRACT0
- CONTENTS1
- DISCLAIMER (DOCUMENTATION)2
- PREFACE.....3
- OVERVIEW4
- CONFIGURING ADOBE CREATIVE CLOUD FOR SINGLE SIGN-ON5
- CONFIGURING NETSCALER FOR SINGLE SIGN-ON10
- TESTING THE CONFIGURATION.....15

Disclaimer (Documentation)

This document is furnished "AS IS." Citrix Systems, Inc. disclaims all warranties regarding the contents of this document, including, but not limited to, implied warranties of merchantability and fitness for any particular purpose. This document may contain technical or other inaccuracies or typographical errors. Citrix System, Inc. reserves the right to revise the information in this document at any time without notice. This document and the software described in this document constitute confidential information of Citrix Systems, Inc. and its licensors, and are furnished under a license from Citrix Systems, Inc.

Citrix Systems, Inc., the Citrix logo, and Citrix Provisioning Services are trademarks of Citrix Systems, Inc. and/or one or more of its subsidiaries, and may be registered in the United States Patent and Trademark office and in other countries. All other trademarks and registered trademarks are property of their respective owners.

Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Preface

This section provides an overview about the information included in this guide.

Intended Audience

The information in this guide is intended for the System Administrators.

Document Conventions

The following table lists various conventions used in this guide.

Table 1: Document conventions used in this guide

Convention	Description
Bold	Used for names of interface elements (such as names of fields, panes, windows, menus, buttons, dialog boxes) and what the user specifically selects, clicks, presses, or types.
Note	Used to highlight information that is important.

Technical Support

The following table provides the technical support information for the application.

Table 2: Technical support information

Address	Text
E-mail	Support team (text)

Overview

The Citrix NetScaler application delivery controller (ADC) helps to load balance, accelerate, optimize, and secure enterprise applications.

Adobe Creative Cloud provides a set of applications used for design, photography, video, and web with a facility to store, access, and manage assets on cloud.

You can connect Adobe Creative Cloud with NetScaler by using your company's credentials to log on to your account via Single Sign-On (SSO).

Terminology

An Identity Provider (IdP) provides authentication module to verify users with their corporate network. A Service Provider (SP) supports receiving SSO SAML assertions.

The following table lists various terms that are used alternatively for completing configurations for service providers and identity providers.

Table 3: Terminology used for SP and IdP configurations

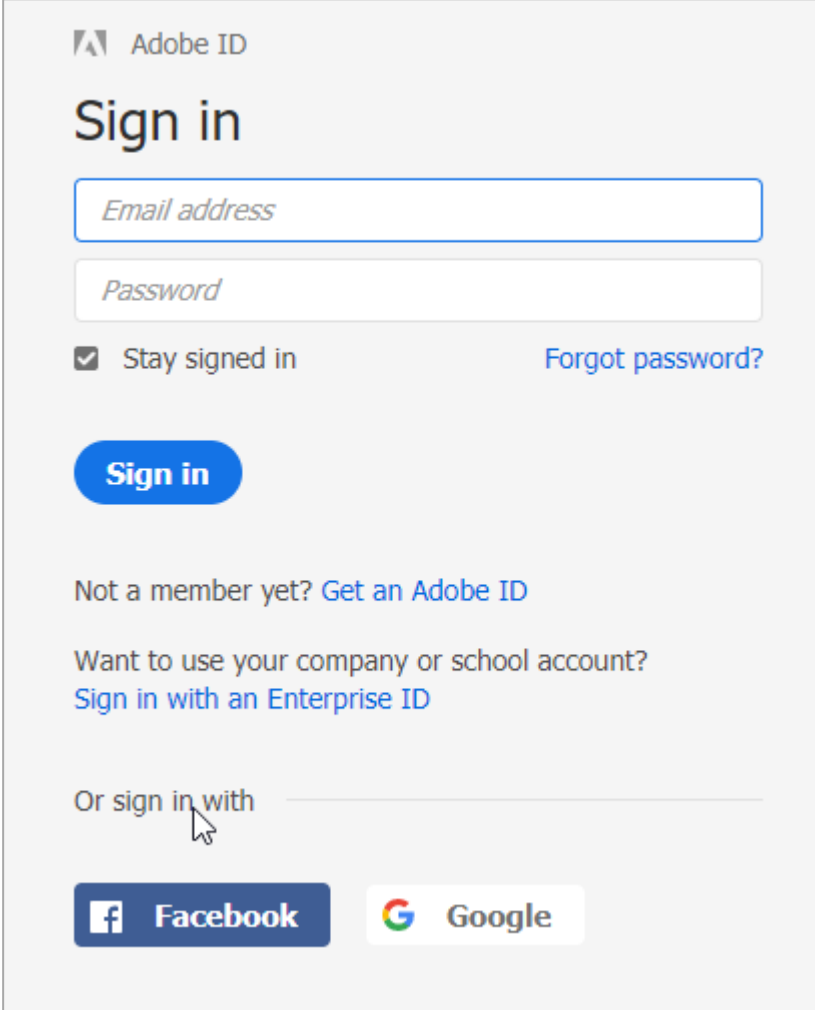
Service Provider (SP)	Identity Provider (IdP)
Identity Provider Issuer	Issuer Name
SP Entity ID	Service Provider ID
SP Assertion Consumer Service URL	Assertion Consumer Service URL

Configuring Adobe Creative Cloud for Single Sign-On

Configuring Adobe Creative Cloud for SSO enables administrators to manage their users using NetScaler. Users can securely log on to Adobe Creative Cloud using their enterprise credentials.

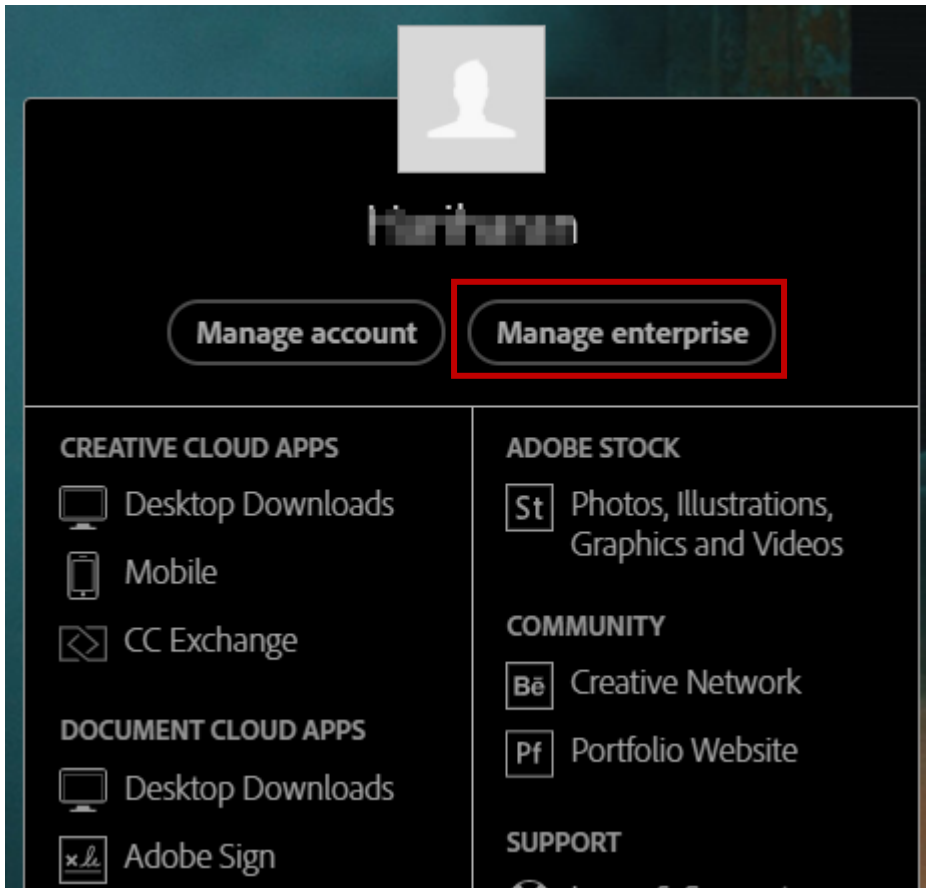
To configure Adobe Creative Cloud for SSO through SAML, follow the steps below:

1. In a browser, type `adobe.com/us` and press enter.
2. Log on to your Adobe Creative Cloud account.

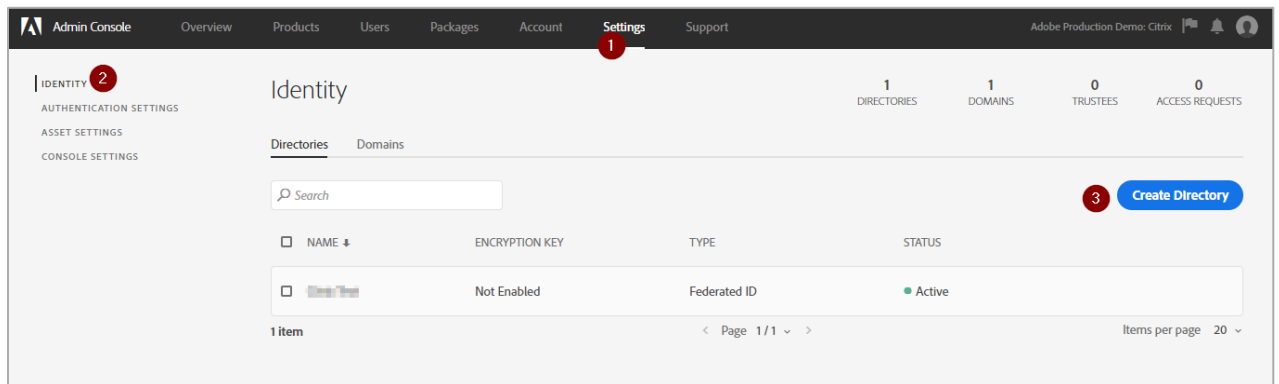


The screenshot shows the Adobe ID sign-in interface. At the top left is the Adobe ID logo. Below it is the heading "Sign in". There are two input fields: "Email address" and "Password". Below the password field is a checked checkbox for "Stay signed in" and a link for "Forgot password?". A blue "Sign in" button is positioned below the form. Further down, there are links for "Not a member yet? Get an Adobe ID" and "Want to use your company or school account? Sign in with an Enterprise ID". At the bottom, there is a section "Or sign in with" with buttons for "Facebook" and "Google".

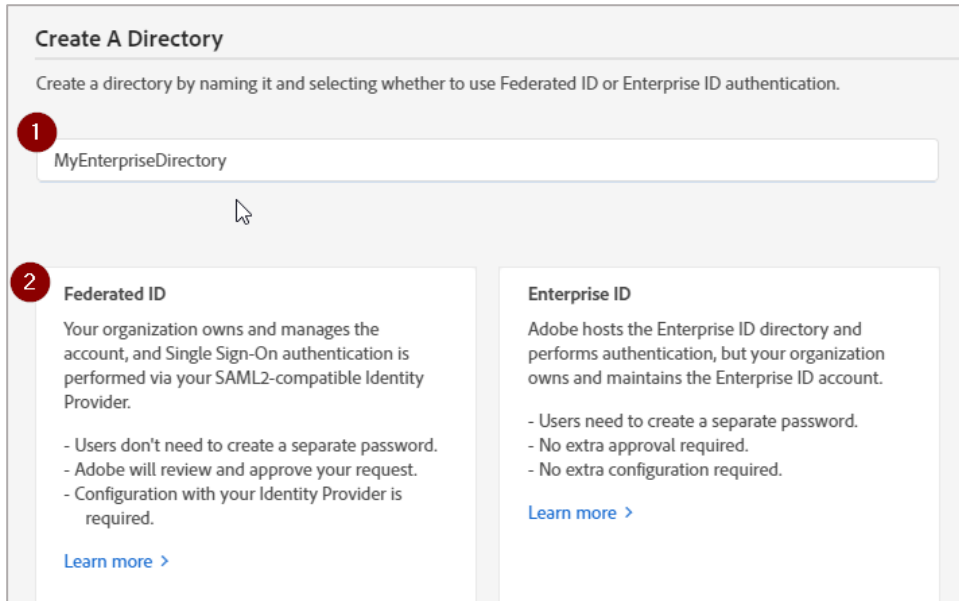
3. On the profile page, click **Manage enterprise**.




4. On the **Admin Console** page, click **Settings > IDENTITY > Create Directory**.

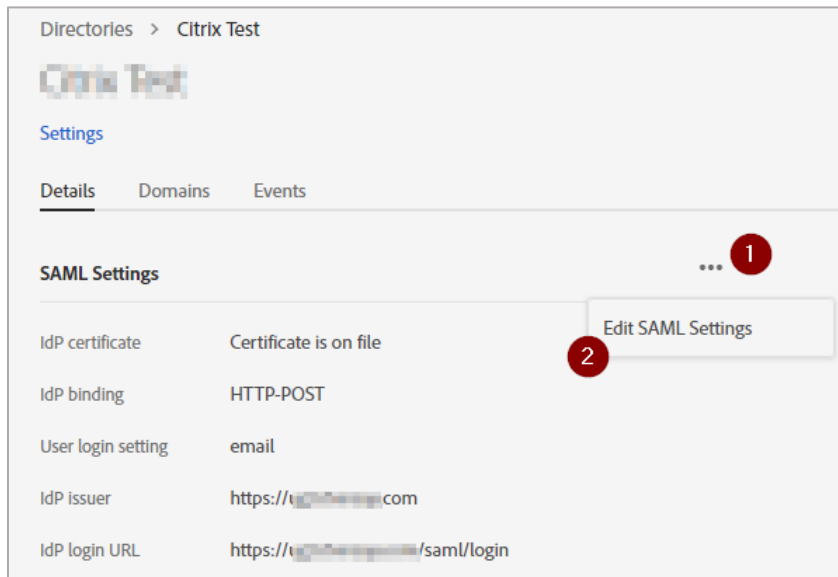


5. On the **Create A Directory** page, type the directory name and click **Federated ID**. Adobe reviews and approves your request which may require some time.

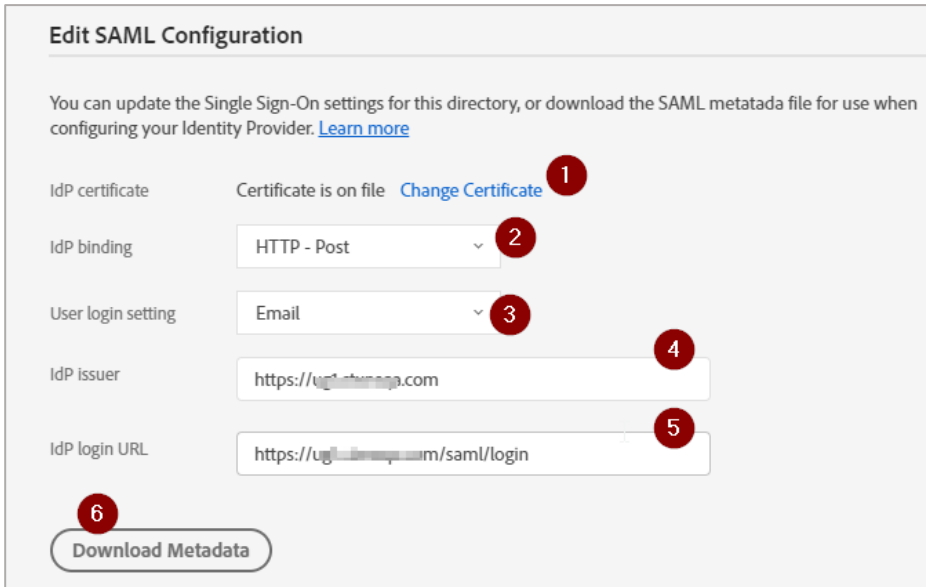


6. After creating a directory, on the **Identity** page, in the **Directories** list, click the name of the directory that you created.

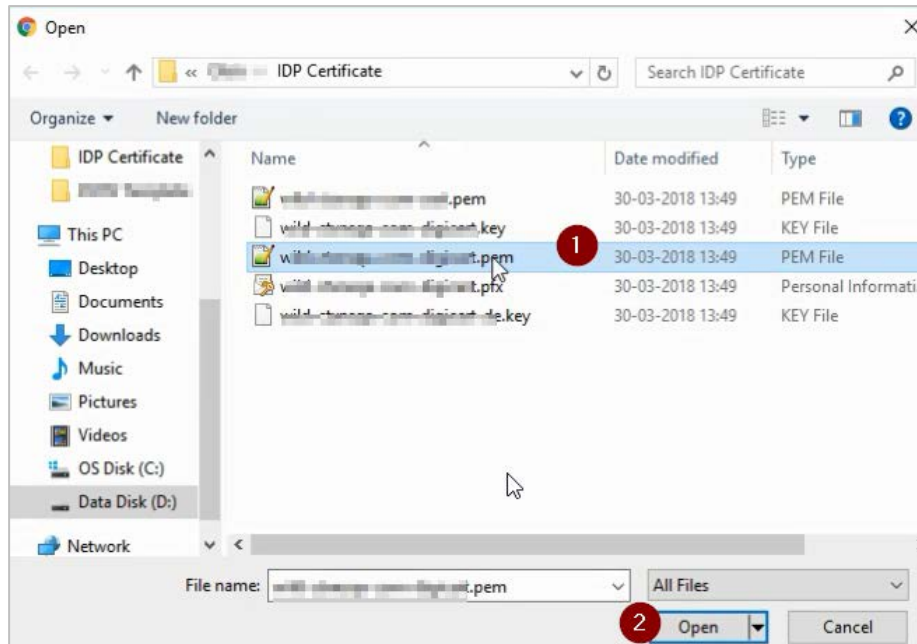
7. In the **Settings** area, in the **Details** tab, click  > **EDIT SAML Settings**.



8. In the **Edit SAML Configuration** section, specify the following information.



i. **IdP Certificate** – click the **Change Certificate** link to browse to the folder where you saved the IdP provided certificate and upload it.



To obtain your IdP certificate, follow the steps below:

- i. Remotely access your NetScaler instance using PuTTY.
- ii. Navigate to `/nsconfig/ssl` folder (using shell command `cd /nsconfig/ssl`) and press Enter.
- iii. Type `cat <certificate-name>` and press Enter.

```

root@persa-01:~# cd /nsconfig/ssl
root@persa-01:~/ssl#
-----BEGIN CERTIFICATE-----
MIIClzCCAkCgAwIBAgIGAWHYpNi8MA0GCSqGSIb3DQEBBQUAMIGuMQswCQYDVQQGEwJVUzETMBEG
A1IqAgEAAQEAQAAQAAQAAQAAQAAQAAQAAQAAQAAQAAQAAQAAQAAQAAQAAQAAQAAQAAQAAQAAQAAQAAQAA
4BDAEgAwIBAgIAUzEwDQYJKoZIhvcNAQEBBQADggGPADCCAQoCggEBMDExMDEyMDEzMDE0MDE1MDE2
NDE3MDE4MDE5MDE6MDE7MDE8MDE9MDEwMDE1MDE2MDE3MDE4MDE5MDE6MDE7MDE8MDE9MDEwMDE1
NDEyMDE3MDE4MDE5MDE6MDE7MDE8MDE9MDEwMDE1MDE2MDE3MDE4MDE5MDE6MDE7MDE8MDE9MDEw
FAA=
cjI=
rk=
cC=
ca=
N+
7x=
)PrC4ydccewMxqGdFFSQ/LHWUPGvGlpHzj47MzcN0EbdrVmKF6le4/fTk vz3ST3U=
-----END CERTIFICATE-----
root@persa-01:~/ssl# █

```

- iv. Copy the text from -----BEGIN CERTIFICATE----- to -----END CERTIFICATE-----
 - v. Paste the text in a text editor and save the file in an appropriate format such as <your company name>.pem
- ii. **IdP binding** – click the appropriate HTTP binding option. By default, NetScaler uses HTTP Post.
 - **HTTP Post**- bindings to receive SAML responses
 - **HTTP Redirect**- to send or receive SingleLogout requests or responses
 - iii. **User login setting**– click the appropriate option Email or Username.
 - iv. **IdP issuer** – type the issuer ID.
 - v. **IdP login URL** – type the IdP URL followed by /saml/login. For example: <customerFQDN>/saml/login

9. Click **Download Metadata**.

After downloading the metadata xml file, open the xml file and note the following values.

- Service Provider ID – note the value displayed next to entityID=.
- Assertion Consumer Service URL – search for the attribute: Location inside the Assertion Consumer Service tag, and note the URL that appears next to Location=.
- SP Certificate - note the value displayed between <ds:X509Certificate> and </ds:X509Certificate>.

10. Click **SAVE**.

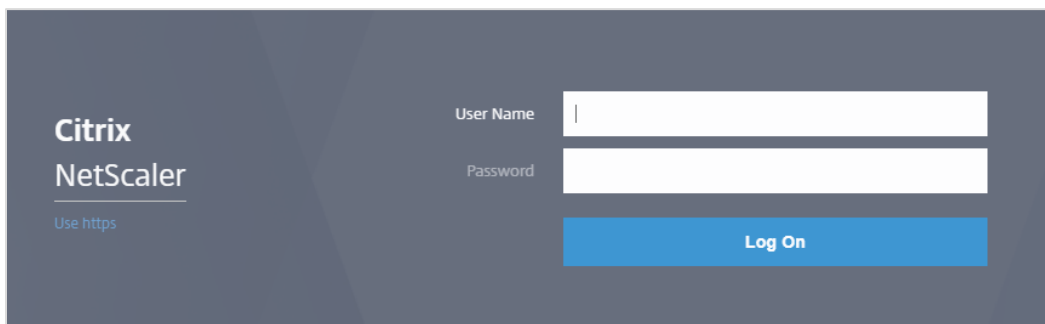
You have completed the required configuration on the service provider which is in this case – Adobe Creative Cloud.

Configuring NetScaler for Single Sign-On

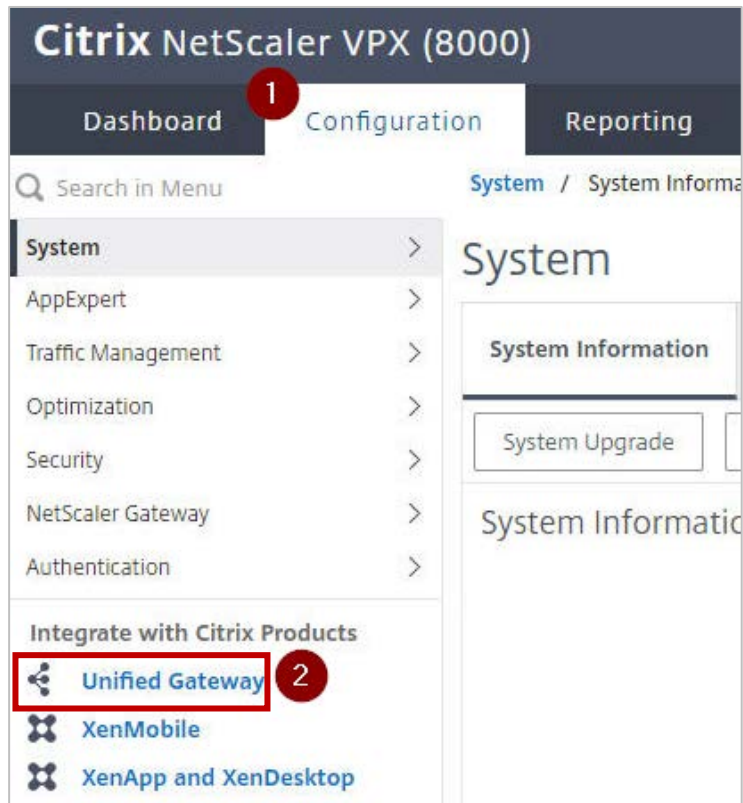
For configuring NetScaler for Adobe Creative Cloud, you must retrieve and set specific values such as assertion consumer URL, and entity ID.

To configure NetScaler for single sign on through SAML, complete the following steps:

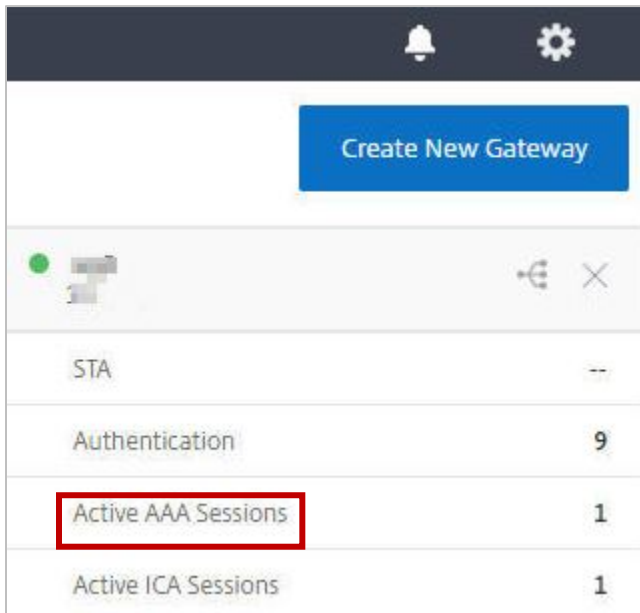
1. Connect to VPN using NetScaler with Unified Gateway.
Note: Ensure that you obtain SP certificate before you start with the configuration. For more information refer: [Obtaining SP Certificate](#).
2. Log on to NetScaler using your user name and password.



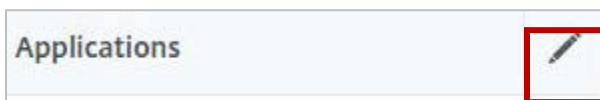
3. Click **Configuration > Unified Gateway**.



4. In the **Dashboard** area, click the configured NetScaler Gateway appliance.



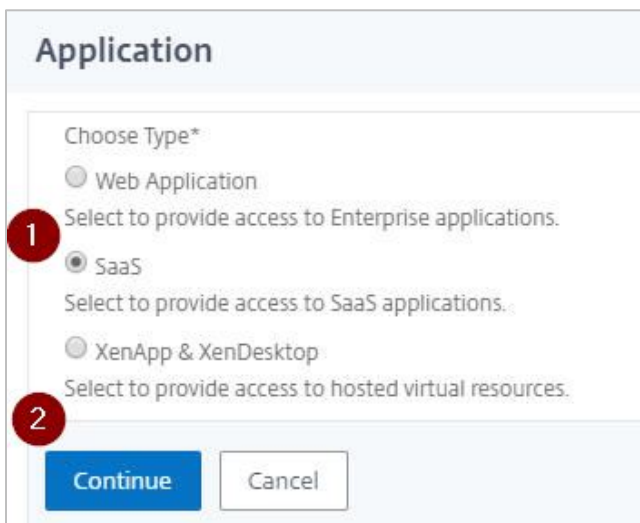
5. Click the edit icon for **Applications** section.



6. For adding a SaaS application, click the plus icon **+** that appears in the edit mode.



7. Click **SaaS > Continue**.



8. Click **Choose from Catalog**.
9. In the **Choose from Catalog** list, click **Creative Cloud**.

The screenshot shows a web interface titled "Application". Under the heading "Choose Type", the option "SaaS" is selected. Below this is a section titled "SaaS Application: Catalog vs. Customized". It contains two radio buttons: "Choose from Catalog" (which is selected) and "Customized Application". Under "Choose from Catalog*", a dropdown menu is open, listing various applications. "Creative Cloud" is highlighted in blue, and a red circle with the number "2" is placed over it. A red circle with the number "1" is placed over the "Choose from Catalog" radio button. A mouse cursor is visible over the dropdown menu.

10. Click **Continue**.
11. In the **Create Application from Template** section, type the name of your SaaS application, in this case Adobe Creative Cloud, and relevant comments.

The screenshot shows a web interface titled "Create Application from Template". It has two text input fields. The first field is labeled "Name*" and contains the text "Creative Cloud". A red circle with the number "1" is placed over the "Name*" label, and a red circle with the number "2" is placed over the "Creative Cloud" text. A small question mark icon is to the right of the field. The second field is labeled "Comments" and also contains the text "Creative Cloud". A red circle with the number "2" is placed over the "Creative Cloud" text. Below the fields is a label "Icon (Imported from chosen application template)".

12. In the area below the logo, specify the following information:

The screenshot shows a configuration form with the following fields and annotations:

- 1**: Service Provider Login URL* (text input: https://adobe.com/)
- 2**: Service Provider ID* (empty text input)
- 3**: Assertion Consumer Service Url* (text input: https://<get this url from metadata>)
- 4**: Audience (text input: <get the Entity Id from Metadata>)
- 5**: SP Certificate Name (dropdown menu, empty)
- 6**: IDP Certificate Name* (dropdown menu: ns-sfrtrust-certificate)
- 7**: Issuer Name (text input: UG_VPN_ug2)
- 8**: Continue button

- i. **Service Provider Login URL** - enter the URL that you used for logging on to Adobe Creative Cloud.
- ii. **Service Provider ID** - enter the URL that you used for logging on to Adobe Creative Cloud. To obtain this URL, refer to the metadata xml file that you downloaded while configuring Creative Cloud for SAML. Copy and paste the value displayed next to entityID=.
- iii. **Assertion Consumer Service Url*** - type the Service Provider Issuer URL followed by /saml2/login. To obtain this URL, refer to the metadata xml file that you downloaded while configuring Creative Cloud for SAML. Copy and paste the URL that appears next to Location=.
- iv. **Audience** - type the URL that represents service provider. To obtain this URL, refer to the metadata xml file that you downloaded while configuring Creative Cloud for SAML.
- v. **SP Certificate Name** - click the appropriate certificate name. To obtain this value, refer to the metadata xml file that you downloaded while configuring Creative Cloud for SAML. Copy and paste the URL that appears next to the value displayed between <ds:X509Certificate> and </ds:X509Certificate>.

Note: To obtain SP certificate follow the steps below:

- i. Refer to the SP file that you have downloaded while configuring Adobe Creative Cloud.
 - ii. Open the file in notepad and copy the text inside the X509Certificate tag.
 - iii. Create a new notepad file, add the text that you have copied between -----BEGIN CERTIFICATE----- and -----END CERTIFICATE-----.
 - iv. Ensure that you add 65 characters per line to follow the PEM format. Do not add a new line at the end or beginning of the text.
 - v. Save the file using an appropriate name for example: creativecloud.pem.
 - vi. Copy the file to the NetScaler I.P. at /nsconfig/ssl using WinSCP or other similar tool.
 - vii. Remotely access your NetScaler instance using PuTTY.
 - viii. Run the following command: add ssl certkey creativecloud-sp -cert creativecloud.pem.
- vi. **Issuer Name** -type the issuer ID that you entered while configuring Adobe Creative Cloud.

13. Click **Continue**.

14. Click **Done**.

The Adobe Creative Cloud logo appears.

15. Click **Done**.

You have completed the NetScaler configuration for Adobe Creative Cloud.

Testing the Configuration

Testing the SP Initiated Flow

To test the SP initiated configuration, follow the steps below:

1. Access the organization's URL for Adobe Creative Cloud.
2. Type your organizational user name.
You are redirected to NetScaler appliance's log in page.
3. Log on to NetScaler appliance using your enterprise credentials.

Your Adobe Creative Cloud profile appears which indicates that you have successfully logged on to Creative Cloud.



Locations

Corporate Headquarters | 851 Cypress Creek Road Fort Lauderdale, FL 33309, United States
Silicon Valley | 4988 Great America Parkway Santa Clara, CA 95054, United States

© 2018 Citrix Systems, Inc. All rights reserved. Citrix, the Citrix logo, and other marks appearing herein are property of Citrix Systems, Inc. and/or one or more of its subsidiaries, and may be registered with the U.S. Patent and Trademark Office and in other countries. All other marks are the property of their respective owner(s).