

SafeNet Authentication Service Integration Guide

Using SafeNet Authentication Service as Identity
Provider for Citrix ShareFile



THE
DATA
PROTECTION
COMPANY

Document Information

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Introduction

Third-Party Software Acknowledgement

This document is intended to help users of SafeNet products when working with third-party software, such as Citrix ShareFile.

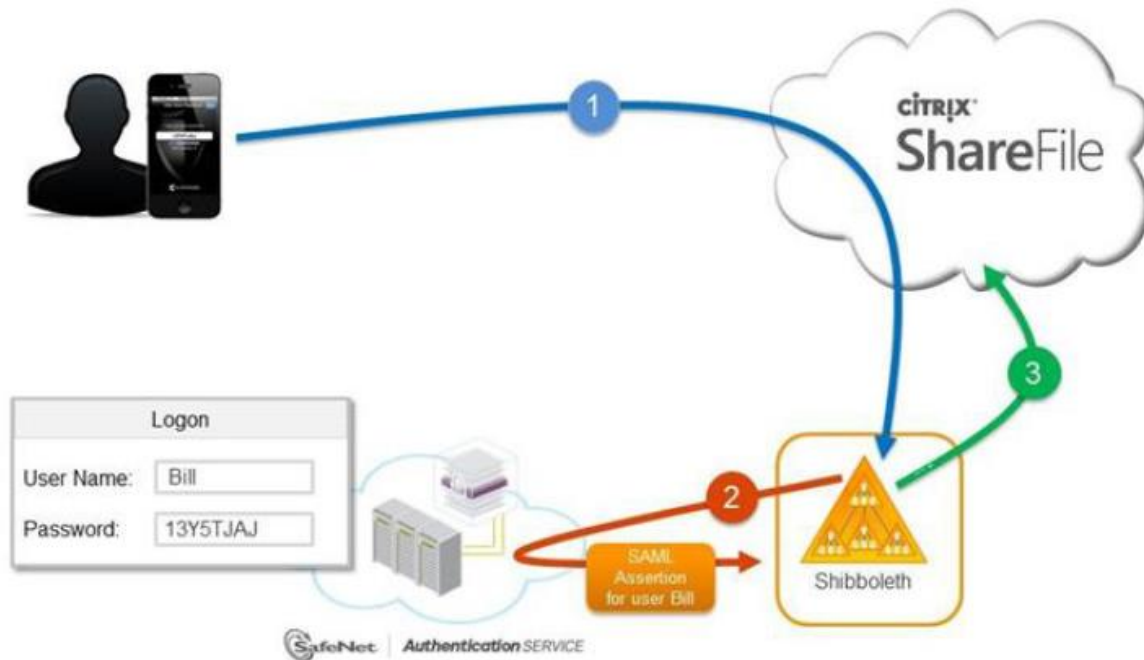
Material from third-party software is being used solely for the purpose of making instructions clear. Screen images and content obtained from third-party software will be acknowledged as such.

Overview

This document provides guidance for setting up and managing SafeNet Authentication Service (SAS) as an Identity Provider for Citrix ShareFile.

The document assumes that Citrix ShareFile is already configured and working with static passwords prior to implementing SafeNet Authentication Service strong authentication.

Solution Data Flow

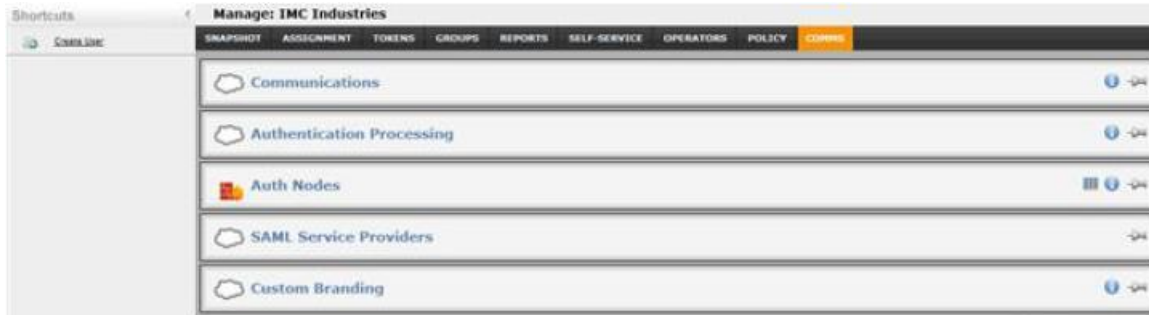


1. Bill, a user, wants to log on to ShareFile.
2. Shibboleth collects Bill's credentials and passes them to SAS for authentication.
3. SAS evaluates Bill's credentials, and returns an "accept" or "reject" response to Shibboleth.
4. Shibboleth uses SAS's response to return an "accept" or "error" assertion to ShareFile.

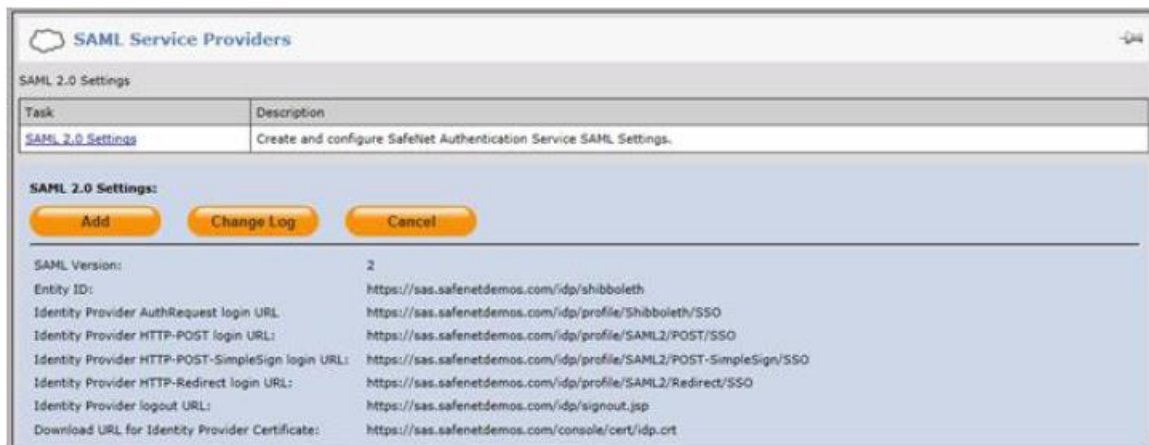
Identity Provider Configuration

The following section is common in many applications that use SAML protocol for user-federation. We will get the information that the application (in this case Citrix ShareFile) needs for setting up SafeNet Authentication Service as its identity provider.

1. In the SAS Administrator Console, select **VIRTUAL SERVER > COMMS**.



2. Click **SAML Service Providers > SAML 2.0 Settings**.
3. Under **SAML 2.0 Settings**, click the **Download URL for Identity Provider Certificate** link to download the identity provider certificate.



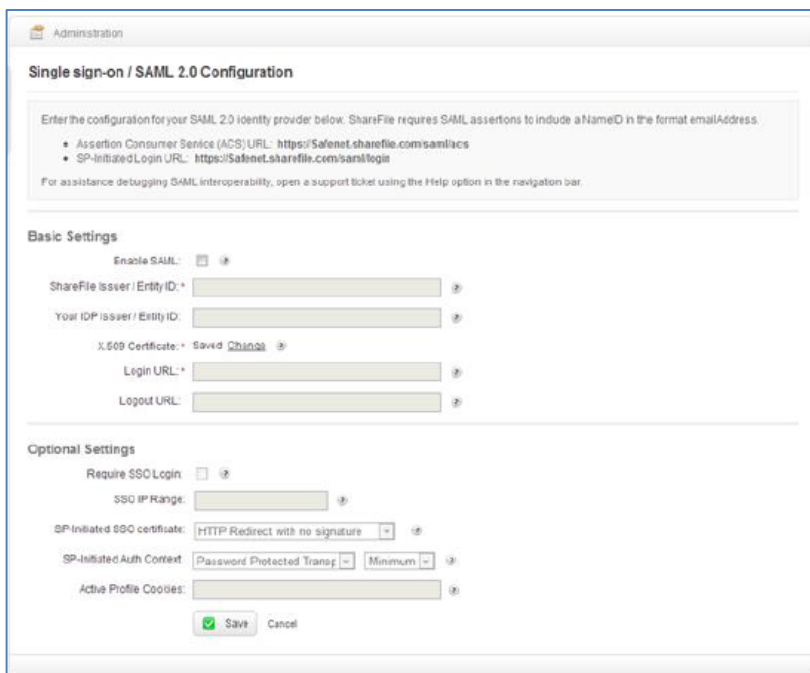
Configuring Citrix ShareFile to Use SAS as an Identity Provider

1. Log on to Citrix ShareFile, and on the upper right toolbar, click **Admin**.
2. On the **Administrator** window, in the right pane, select **Configure Single Sign-On**.



(The screen image above is from Citrix software. Trademarks are the property of their respective owners.)

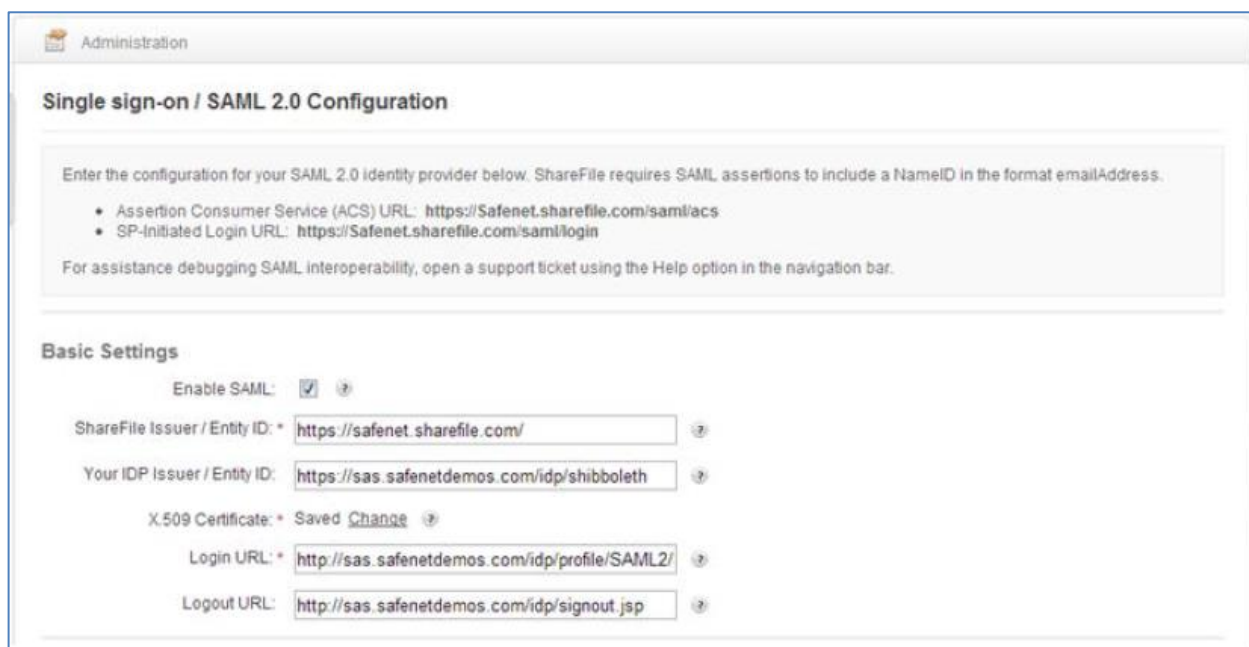
3. On the **Single sign-on / SAML 2.0 Configuration** window, under **Basic Settings**, select **Enable SAML**.



(The screen image above is from Citrix software. Trademarks are the property of their respective owners.)

4. Complete the **Basic Settings** fields as follows:

ShareFile Issuer/Entity ID	Enter https://<subdomain>.sharefile.com , where <subdomain> is the name of the sub-domain that was set in the ShareFile account.
Your IDP Issuer/Entity ID	Copy and paste the Entity ID value displayed in the SAS console.
X509 Certificate	Click the Change link and copy the content of the identity provider certificate opened in step 3 of "Identity Provider Configuration" on page 5. Click Save .
Login URL	Copy the Identity Provider HTTP-Redirect Login URL value displayed in the SAS console.
Logout URL	Copy the Identity Provider logout URL value displayed in the SAS console.



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5. Click **Save**. SafeNet Authentication Service is now set as an identity provider in Citrix ShareFile.

Configuring SAS to use SAML-based User Federation

Before configuring Citrix ShareFile instance as a SAML Service Provider for SafeNet Authentication Service, ensure that SafeNet Authentication Service virtual server is populated with the organization's user accounts. You can add user accounts to your SAS virtual server in any of the following ways:

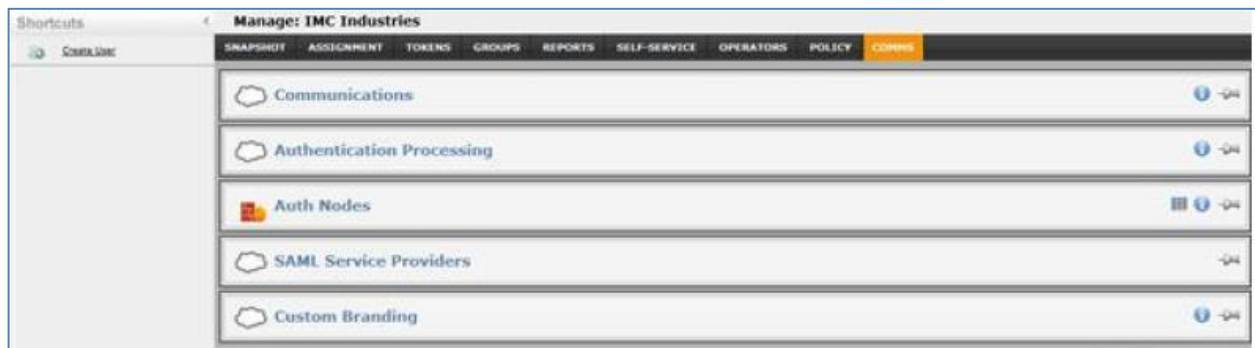
- Manually, one user at a time, using the **Create User** shortcut.
- Manually, by importing one or more user records using a flat file.
- Automatically, by synchronizing with your Active Directory/LDAP server using the SAS LDAP Synchronization Agent.

For further information on adding users to SAS, refer to product documentation at the following location:
<http://www2.safenet-inc.com/sas/implementation-guides.html>

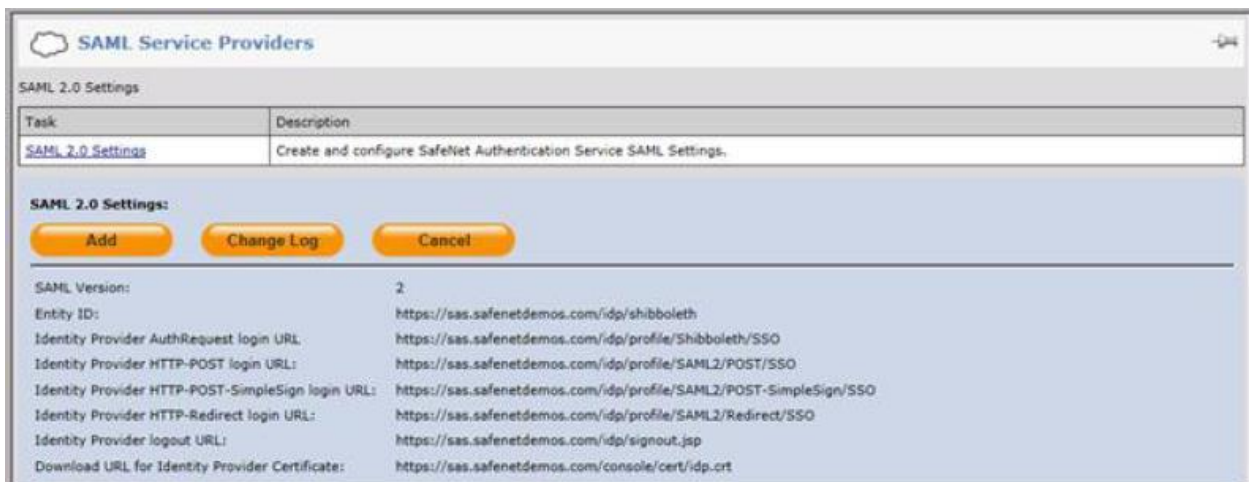
Enabling SAML User Authentication

In this step, you will enable users to authenticate to Citrix ShareFile using SafeNet Authentication Service.

1. In the SAS administrator console, click **VIRTUAL SERVER > COMMS**.



2. Click **SAML Service Providers > SAML 2.0 Settings > Add**.



3. On the **Add SAML 2.0 Settings** window, complete the following fields:

Friendly Name	Enter a name for Citrix ShareFile service provider (for example, ShareFile).
SAML 2.0 Metadata	Select Upload Existing Metadata File . <ol style="list-style-type: none">Browse to https://<subdomain>.sharefile.com/saml/metadata, where <subdomain> is the name of the sub-domain that was set in ShareFile account.Save the text from the page to a text file.On the SAS console, click Choose File.Choose the file that was saved and click Open.



4. Click **Apply**. Citrix ShareFile is added as a SAML service provider.

In the final step of setting SAS to work as an identity provider for Citrix ShareFile, you would need to associate users in the SAS users store to the relevant SAML service provider.

For all practical reasons, this should be done using a predefined SAML provisioning rule that will automatically associate a group (or groups) of users to the specific SAML service provider.

For more information on using SAML provisioning rules, see the *SAS Administration Guide*. SafeNet Authentication Service documentation can be found at the following location:

<http://www2.safenet-inc.com/sas/implementation-guides.html>



NOTE: The last step is a common one for all SAML service providers. Readers that have already set a different SAML service provider may need to repeat the process, making sure that the users are associated with multiple SAML service providers.

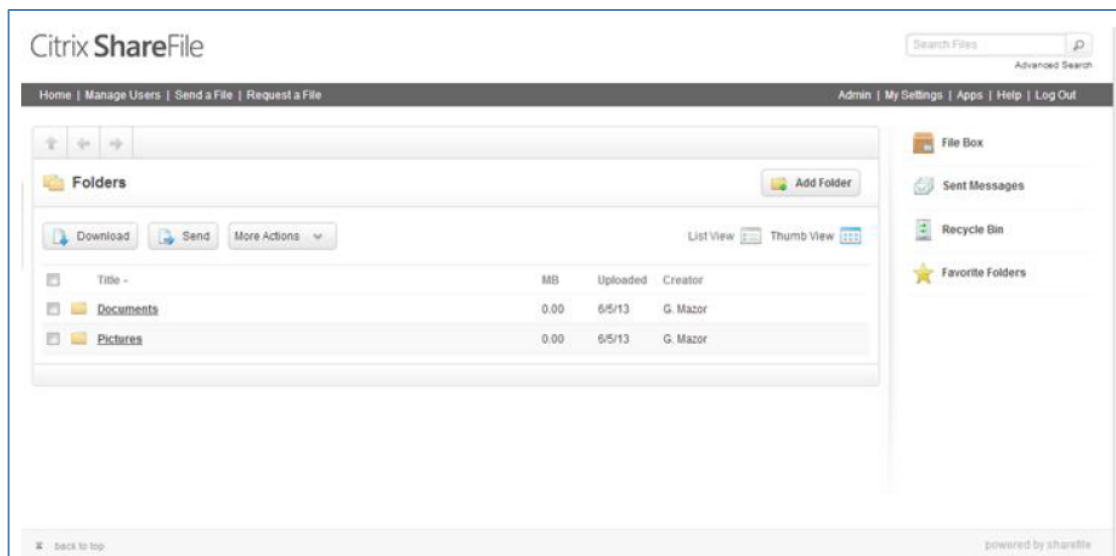
Running the Solution

After configuring Citrix ShareFile to use SAS as its identity provider and SAS to use Citrix ShareFile as a SAML service provider, users can log in to Citrix ShareFile with the following steps:

1. Browse to **https://<subdomain>.sharefile.com/saml/login**, Where **<subdomain>** is the name of the sub-domain that was set in the ShareFile account
2. You will be redirected to the SAS **Login** window.



3. Enter your SAS credentials and then click **Login**. You will be logged in to the Citrix ShareFile account.



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Support Contacts

If you encounter a problem while installing, registering, or operating this product, please make sure that you have read the documentation. If you cannot resolve the issue, contact your supplier or SafeNet Customer Support. SafeNet Customer Support operates 24 hours a day, 7 days a week. Your level of access to this service is governed by the support plan arrangements made between SafeNet and your organization. Please consult this support plan for further information about your entitlements, including the hours when phone support is available to you.

Table 1: Support Contacts

Contact Method	Contact Information	
Address	SafeNet, Inc. 4690 Millennium Drive Belcamp, Maryland 21017 USA	
Phone	United States	1-800-545-6608
	International	1-410-931-7520
Technical Support Customer Portal	https://serviceportal.safenet-inc.com Existing customers with a Technical Support Customer Portal account can log in to manage incidents, get the latest software upgrades, and access the SafeNet Knowledge Base.	