# SafeNet Authentication Service

# Integration Guide

## NetDocuments

SafeNet
THE DATA PROTECTION COMPANY

## Document Information

| | |
|---|---|
| **Document Part Number** | 007-012560-001, Rev. A |
| **Release Date** | June 2014 |

## Trademarks

All intellectual property is protected by copyright. All trademarks and product names used or referred to are the copyright of their respective owners. No part of this document may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, chemical, photocopy, recording, or otherwise, without the prior written permission of SafeNet, Inc.

## Disclaimer

SafeNet makes no representations or warranties with respect to the contents of this document and specifically disclaims any implied warranties of merchantability or fitness for any particular purpose. Furthermore, SafeNet reserves the right to revise this publication and to make changes from time to time in the content hereof without the obligation upon SafeNet to notify any person or organization of any such revisions or changes.

We have attempted to make these documents complete, accurate, and useful, but we cannot guarantee them to be perfect. When we discover errors or omissions, or they are brought to our attention, we endeavor to correct them in succeeding releases of the product.

SafeNet invites constructive comments on the contents of this document. These comments, together with your personal and/or company details, should be sent to the address or email below.

| Contact Method | Contact Information |
|---|---|
| **Mail** | SafeNet, Inc.<br>4690 Millennium Drive<br>Belcamp, Maryland 21017, USA |
| **Email** | TechPubs@safenet-inc.com |


Document PN: 007-012560-001, Rev. A, Copyright © 2014 SafeNet, Inc., All rights reserved.

# Contents




Document PN: 007-012560-001, Rev. A, Copyright © 2014 SafeNet, Inc., All rights reserved.

# Introduction

## Third-Party Software Acknowledgement

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

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 NetDocuments using AD FS 3.0 (bundled with Windows Server 2012 R2) and SafeNet Authentication Agent for AD FS.

For prior versions of AD FS, you may use the SafeNet Authentication Management SAML solution by following the instructions provided in the following guide, *Microsoft Office 365 Using SAML Integration Guide*.

**NOTE:** This document assumes that NetDocuments is already configured and working with AD users and static passwords prior to implementing SafeNet Authentication Service strong authentication.

# Single Sign-On Dataflow


1. Bob, a user, wants to log in to NetDocuments. First, Bob is asked to enter his organization credentials. After Bob's AD credentials have been authenticated, SafeNet Authentication Service (SAS) credentials are required. SAS collects and evaluates Bob's credentials.
2. SAS returns a response to NetDocuments to accept or reject Bob's credentials for authentication.

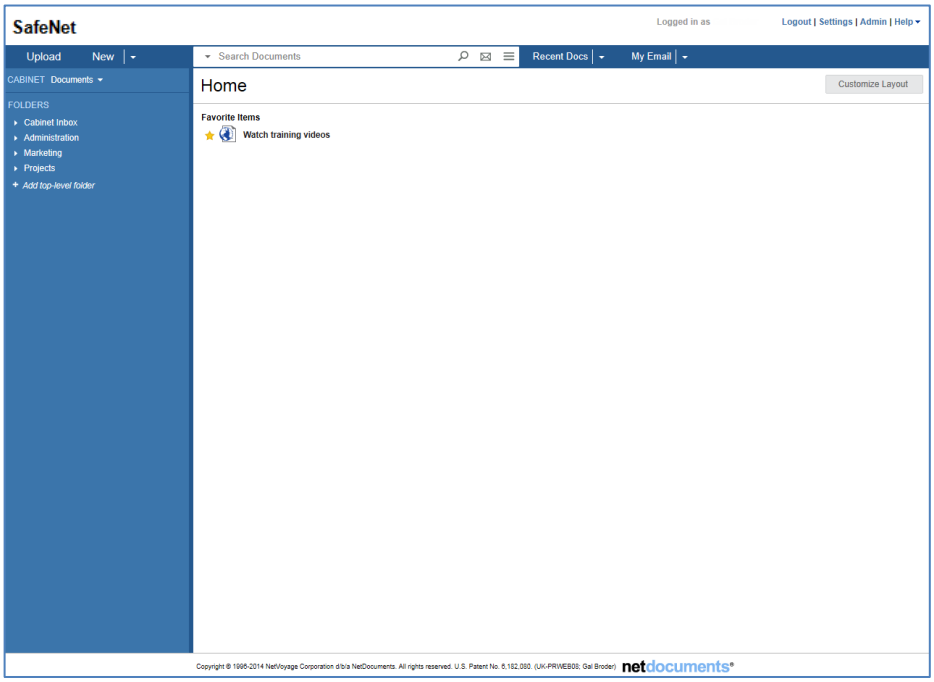

Document PN: 007-012560-001, Rev. A, Copyright © 2014 SafeNet, Inc., All rights reserved.

# Configuring NetDocuments to Use SAS

This section provides guidance on configuring NetDocuments to use SAS as an authentication method.

## Configuring NetDocuments Federated Identity Login

1. Log in to NetDocuments as an administrator.
2. On the NetDocuments **Home** window, click the **Admin** button (top right corner).



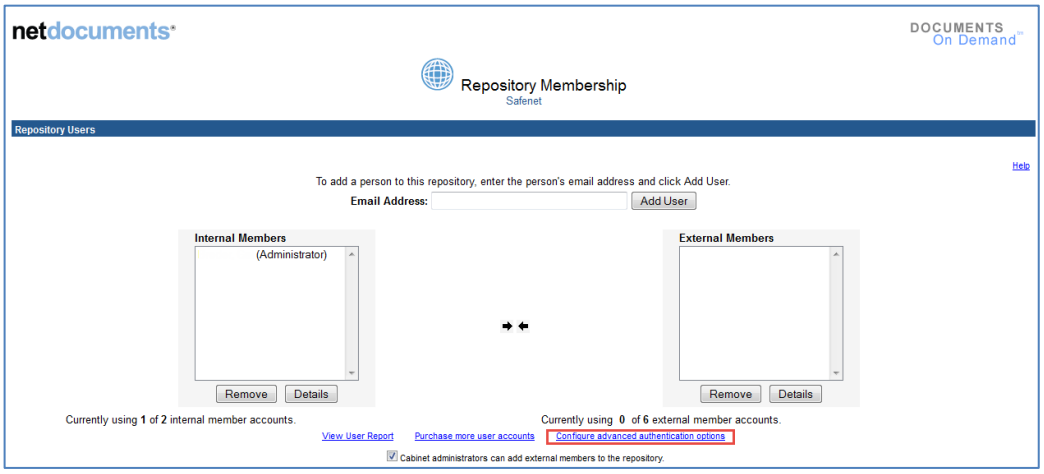

*(The screen image above is from NetDocuments® software. Trademarks are the property of their respective owners.)*

3. On the **Repository Administration** window, click the **Add and remove users and groups** link.


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

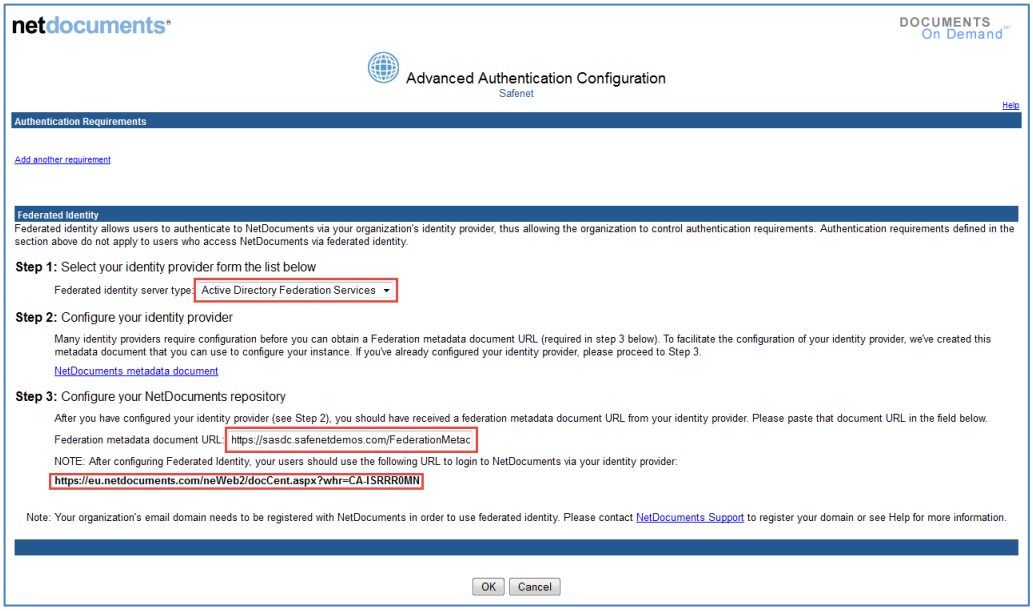

Document PN: 007-012560-001, Rev. A, Copyright © 2014 SafeNet, Inc., All rights reserved.

4. On the **Repository Membership** window, click the **Configure advanced authentication options** link.




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

5. On the **Advanced Authentication Configuration** window, perform the following steps:
   a. Under Step 1, select **Active Directory Federation Services** as your identity provider.
   b. Under Step 2, configure your identity provider by copying the metadata document URL. To do so, right-click on the **NetDocuments metadata document** link and select **Copy Link Location**. This link will be needed later for "Configuring NetDocuments as a Relying Party of AD FS" on page 7.
   c. Under Step 3, configure your NetDocuments repository by entering the **Federation metadata document URL** as follows: **https://<your AD FS domain>/FederationMetadata/2007-06/FederationMetadata.xml**
   d. Next, enter the URL that your users should use to log in to NetDocuments via your identity provider.

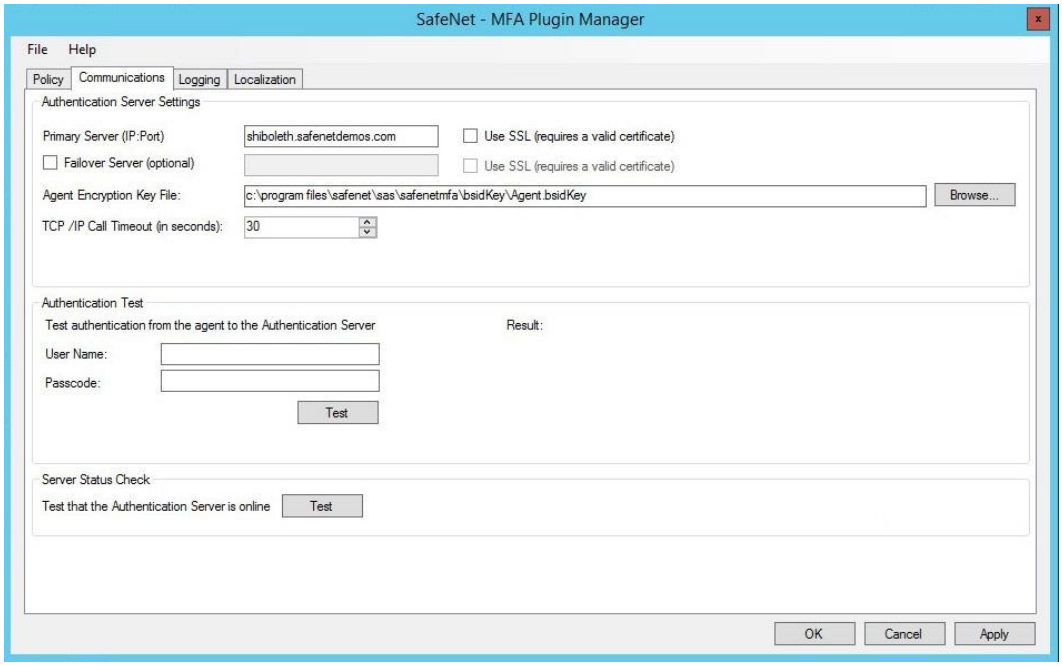



*(The screen image above is from NetDocuments® software. Trademarks are the property of their respective owners.)*


Document PN: 007-012560-001, Rev. A, Copyright © 2014 SafeNet, Inc., All rights reserved.

## Configuring the MFA Agent

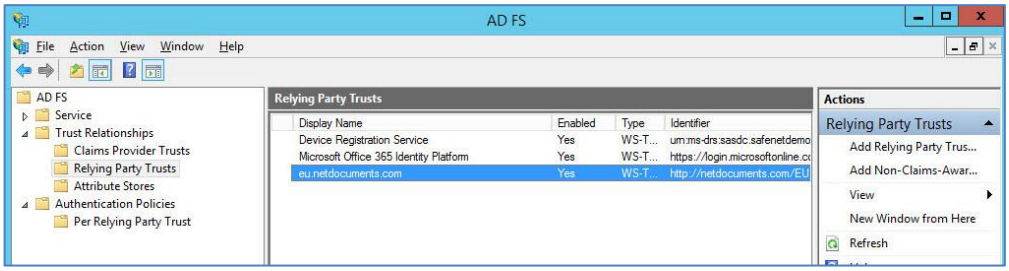
1. Run the MFA Plugin Manager.
2. On the **Policy** tab, select **Enable/Disable Agent** and **Pre Generate Challenge**.
3. On the **Communications** tab, type the SAS Primary Server IP address or name (and port if non-causal is used).




4. Click **Apply**. Enabling the agent registers the SafeNet MFA adapter with AD FS and enables it at a global policy level.
5. You can check your settings by running an authentication test using the **Test** button.

## Configuring NetDocuments as a Relying Party of AD FS

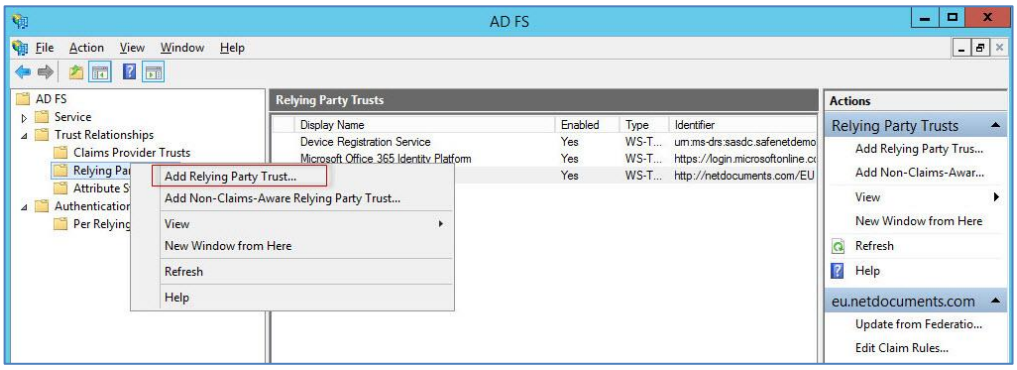
1. Run AD FS.
2. In the left pane, expand **Trust Relationships**, and then click **Relying Party Trusts**.




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

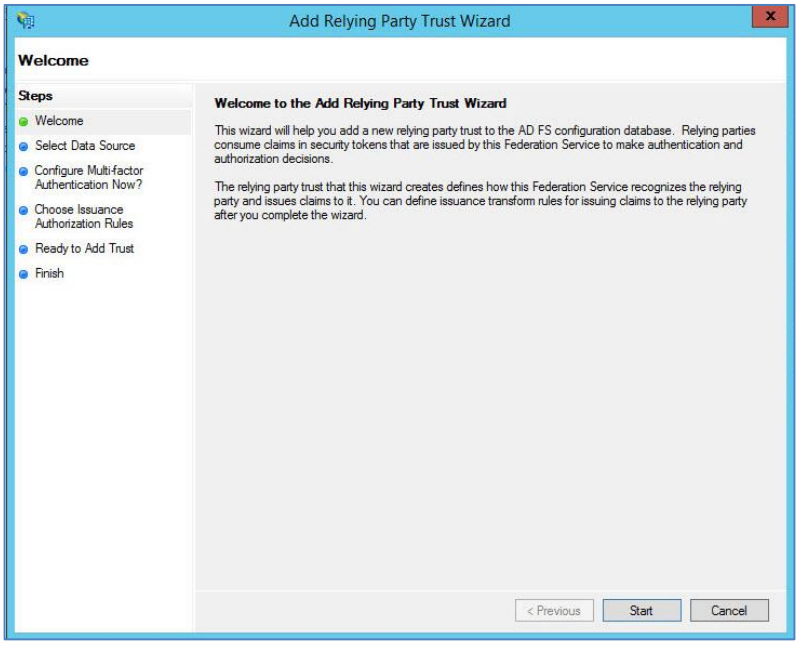

Document PN: 007-012560-001, Rev. A, Copyright © 2014 SafeNet, Inc., All rights reserved.

3. In the left pane, right-click **Relying Party Trusts** and then select **Add Relying Party Trust**. The **Add Relying Party Trust Wizard** will open.




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

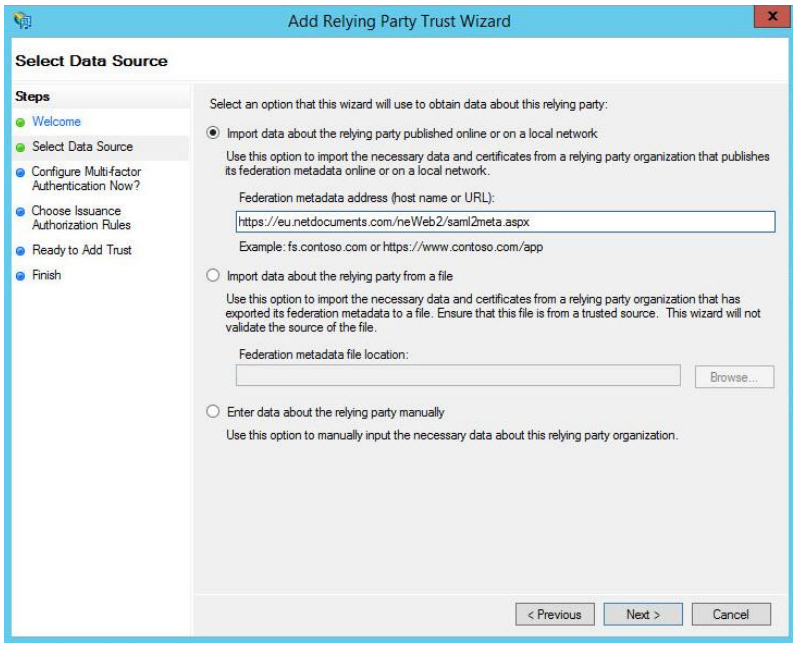
4. Click the **Start** button.




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

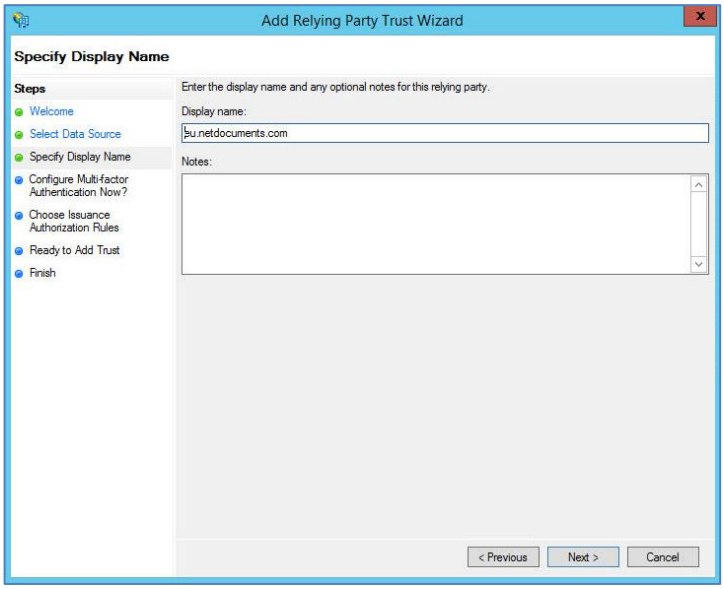

Document PN: 007-012560-001, Rev. A, Copyright © 2014 SafeNet, Inc., All rights reserved.

5. In the left pane, click **Select Data Source**.
6. On the **Select Data Source** window, do the following:
   a. Select the option **Import data about the relying party published online or on a local network**.
   b. In the **Federation metadata address** field, paste the NetDocuments federated identity metadata URL that you copied in step 5b of “Configuring NetDocuments Federated Identity Login” on page 5.
   c. Click **Next**.




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

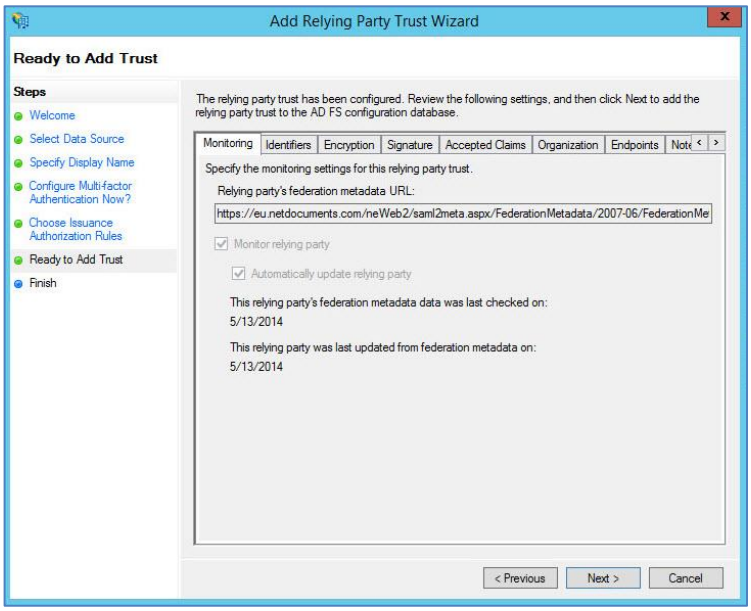
7. On the **Specify Display Name** window, in the **Display name** field, enter a name such as **NetDocuments**, and then click **Next**.




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

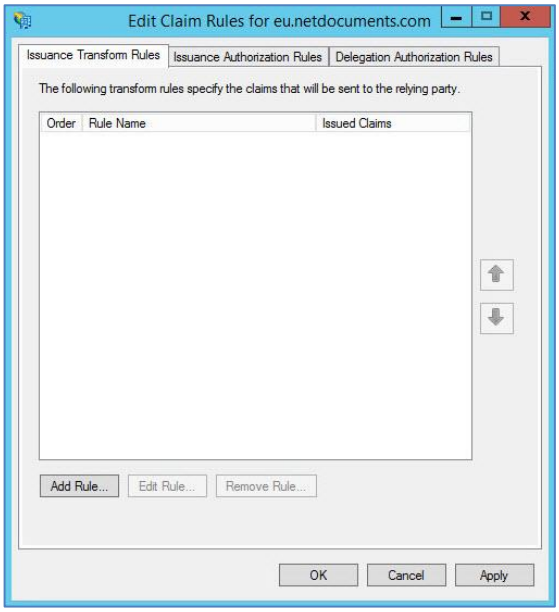

Document PN: 007-012560-001, Rev. A, Copyright © 2014 SafeNet, Inc., All rights reserved.

8. On the **Configure Multi-factor Authentication** window, enter your preferences, and then click **Next**. The default values can be used.
9. On the **Choose Issuance Authorization Rules** window, enter your preferences, and then click **Next**. The default values can be used.
10. On the **Ready to Add Trust** window, click **Next**.




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

11. Select the **Open the Edit Claim Rules dialog** check box, and then click **Close**.
12. On the **Edit Claim Rules** window, do the following:
    a. On the **Issuance Transform Rules** tab, click the **Add Rule** button.

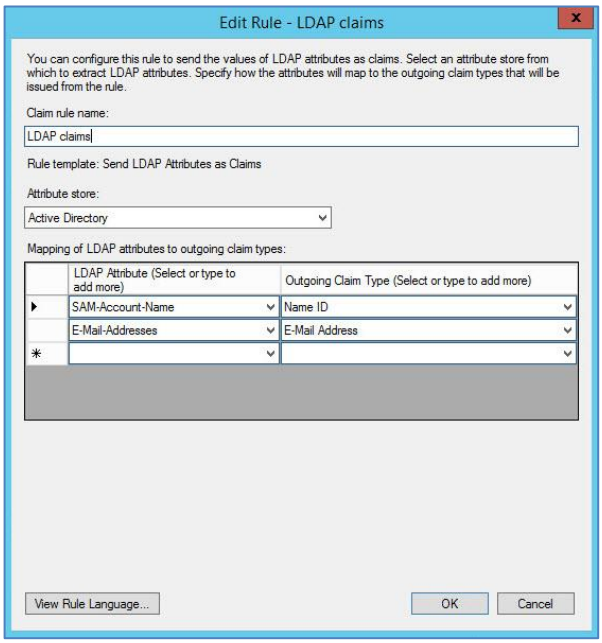



*(The screen image above is from Microsoft® software. Trademarks are the property of their respective owners.)*


Document PN: 007-012560-001, Rev. A, Copyright © 2014 SafeNet, Inc., All rights reserved.

b. Select **Send LDAP Attributes as Claims** and then click Next.

13. On the **Configure Claim Rule** tab, do the following:
    a. In the **Claim rule name** field, enter a name such as **LDAP claims**.
    b. In the **Attribute store** field, select **Active Directory**.
    c. In the **Mapping** table, do the following:
        - In the **LDAP Attribute** column, select **SAM-Account-Name**.
        - In the **Outgoing Claim Type** column, select **Name ID**.
    d. In the **Mapping** table, create another entry for an Email Address claim.
        - In the **LDAP Attribute** column, select **E-Mail-Addresses**.
        - In the **Outgoing Claim Type** column, select **E-Mail Address**.
    e. Click **OK** to continue.



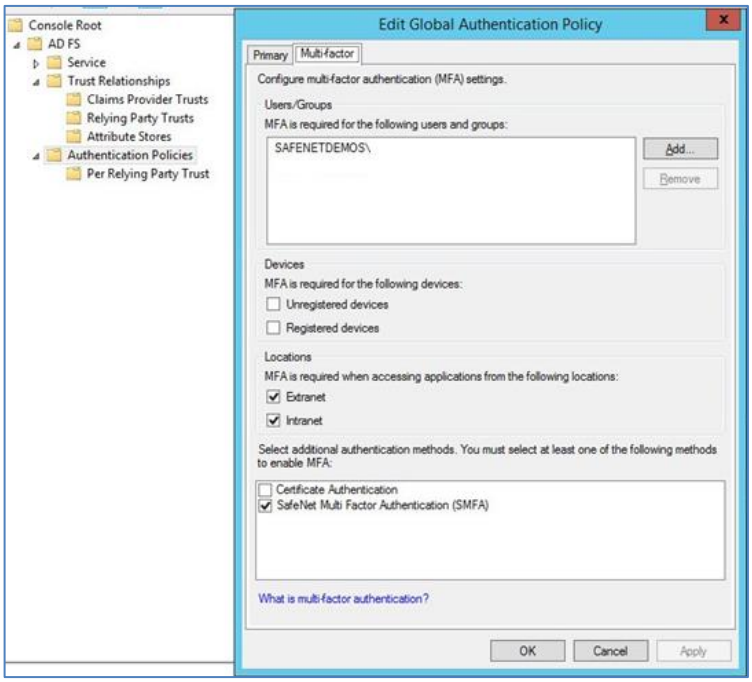

*(The screen image above is from Microsoft® software. Trademarks are the property of their respective owners.)*

14. On the **Add Transform Claim Rule Wizard** window, click **Finish**.
15. On the **Edit Claim Rules** window, click **OK**.


Document PN: 007-012560-001, Rev. A, Copyright © 2014 SafeNet, Inc., All rights reserved.

## Configuring the AD FS Authentication Policy

1. Run AD FS.
2. In the left pane, right-click **Authentication Policies** and select **Edit Global Primary Authentication**.
3. In the right pane, on the **Primary** tab, verify that **Form Authentication** is enabled for both **Extranet** and **Intranet**.
4. Click the **Multi-factor** tab, and then do the following:
   a. In the **Users/Groups** box, use the **Add** button to add the users/groups that you want the MFA to take control of.
   b. Under **Locations**, select **Extranet** and/or **Intranet** according to your preferred configuration.
   c. Verify that **SafeNet Multi Factor Authentication (SMFA)** is enabled as an additional authentication method.
   d. Click **OK**.




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

SafeNet Authentication Service is now configured as an additional authentication method (along with AD FS) for NetDocuments.

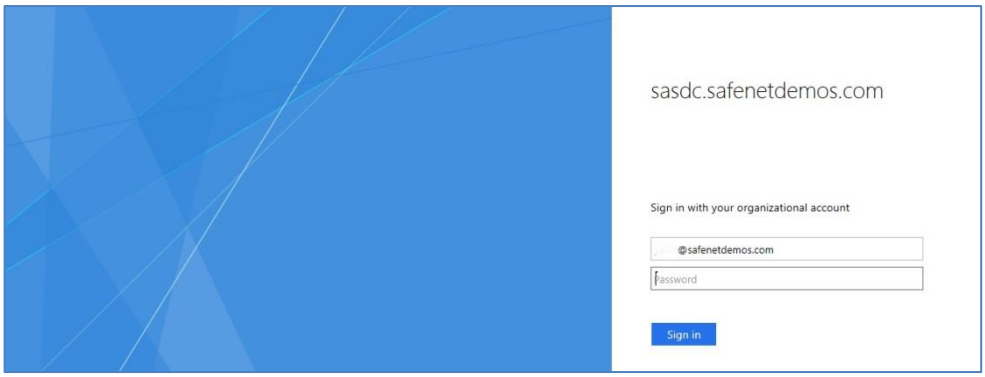

Document PN: 007-012560-001, Rev. A, Copyright © 2014 SafeNet, Inc., All rights reserved.

# Running the NetDocuments Solution

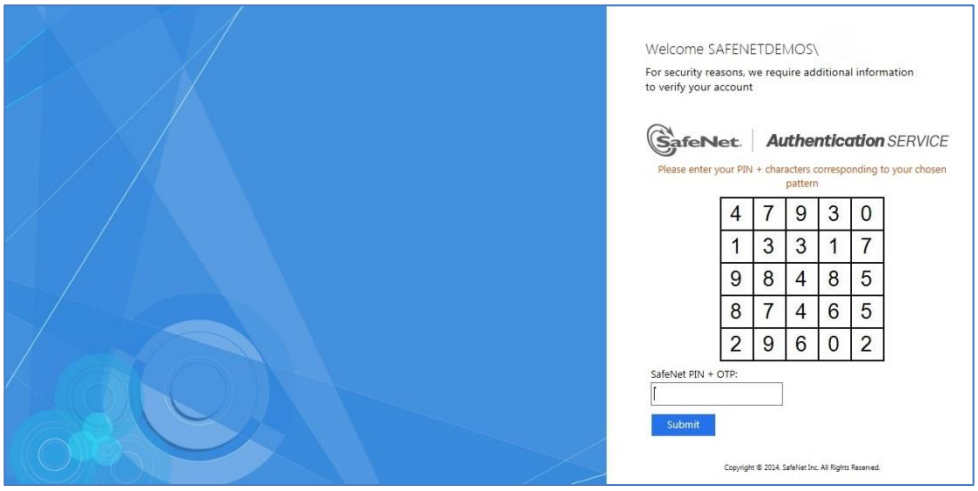
After NetDocuments is configured to use SAS as its identity provider, and the SAS MFA Agent is configured, users can log in to NetDocuments.

**To log in to NetDocuments:**

1. Browse to your identity provider link for NetDocuments login (defined in Step 5d of “Configuring NetDocuments Federated Identity Login” on page 5).
2. You will be redirected to your domain login page. Enter your login credentials and then click **Sign in**.



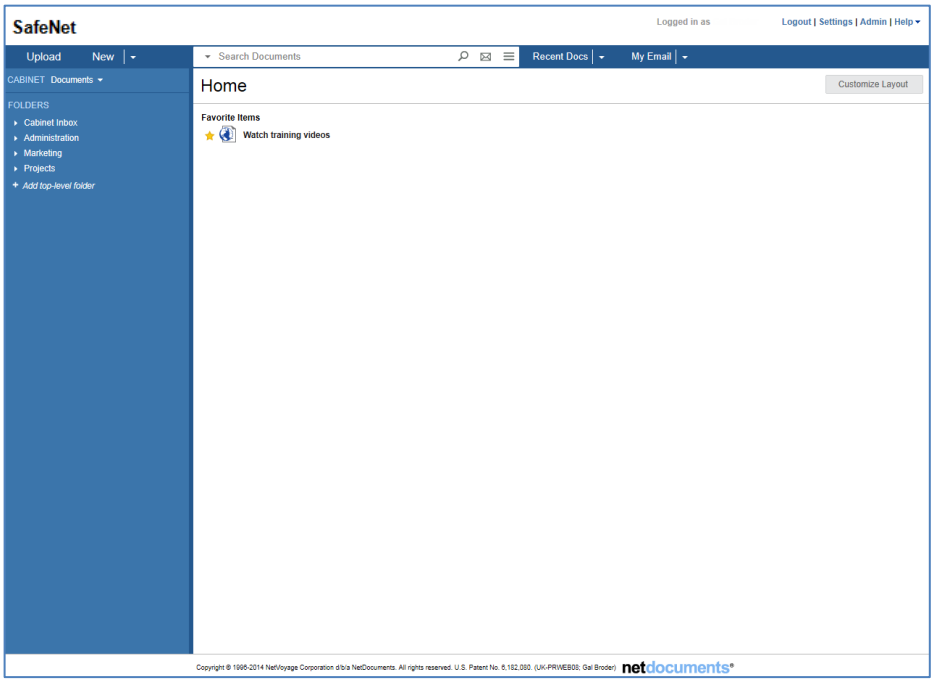

3. On the SafeNet Authentication login page, enter your SafeNet Authentication Service credentials and then click **Submit**.





Document PN: 007-012560-001, Rev. A, Copyright © 2014 SafeNet, Inc., All rights reserved.

4. After successful login, you will be redirected to the NetDocuments **Home** window.




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


Document PN: 007-012560-001, Rev. A, Copyright © 2014 SafeNet, Inc., All rights reserved.

# 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 telephone support is available to you.

**Table 1: Support Contacts**

| Contact Method | Contact Information | |
|---|---|---|
| **Address** | SafeNet, Inc.<br>4690 Millennium Drive<br>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<br>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. | |


Document PN: 007-012560-001, Rev. A, Copyright © 2014 SafeNet, Inc., All rights reserved.