

Integrations

ADFS Authentication

V5.1.0

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ADFS AUTHENTICATION APPLICATION

The ADFS Authentication application enables you to log into LogPoint using *Microsoft's Active Directory Federation Services (ADFS)*. ADFS provides you with single sign-on access to systems and applications located across trusted organizational units.

INSTALLING THE APPLICATION

2.1 Prerequisite

LogPoint v6.7.0 or later

2.2 Installing the ADFS Application in LogPoint

1. Go to *Settings >> System >> Applications*.
2. Click **Import**.
3. **Browse** for the location of the downloaded pak file for ADFS application.
4. Click **Upload**.

2.3 Verifying the Installation

1. Go to the **LogPoint login** page.
2. Click the **Other Authentication Options** link. You can find the **AD FS Authentication** login option.

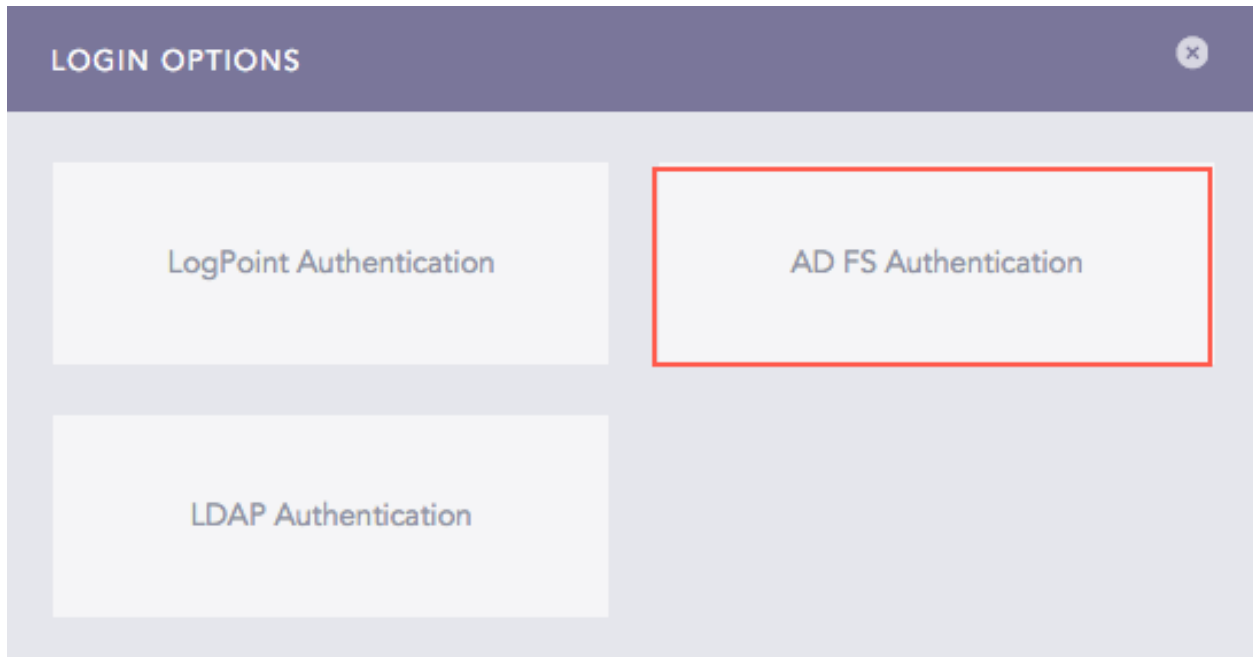


Fig. 1: AD FS Authentication Login Option

CONFIGURING THE APPLICATION

3.1 Configuring the ADFS Authentication

1. Go to *Settings >> System >> Plugins*.
2. Find **AD FS Authentication v5.1.0** and click **Manage**.

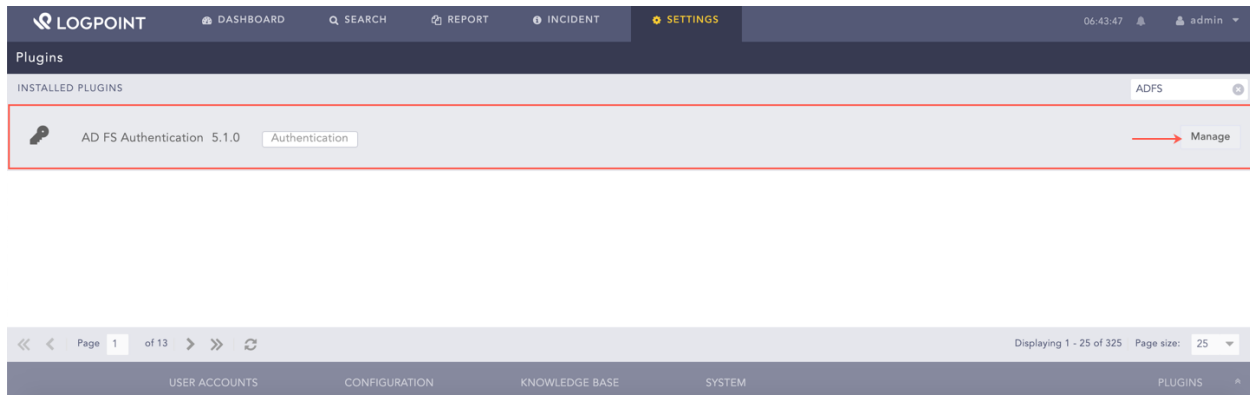


Fig. 1: Manage AD FS Authentication

3. Click **Add Server**.

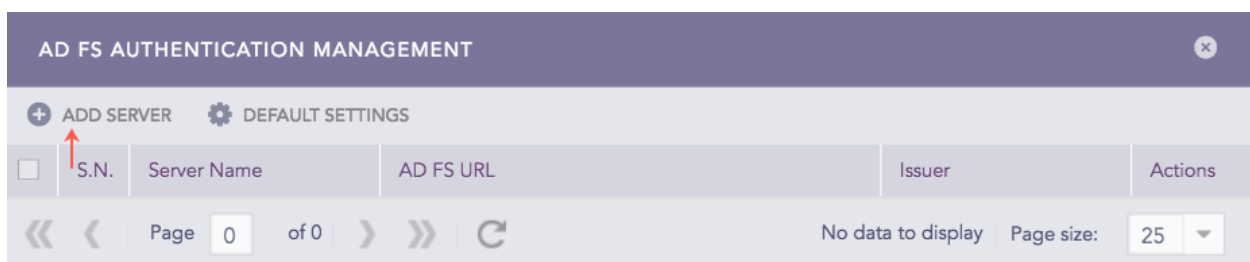


Fig. 2: Add ADFS Server

4. Enter a unique **Server Name**.

Note: For details on *ADFS* server side configuration, refer to the [Microsoft's documentation for Active Directory Federation Services](#).

5. Enter the fully qualified domain name of your *ADFS* server in the **AD FS URL** text box. LogPoint users will be redirected to this domain for authentication.

6. Copy the automatically generated **AD FS Endpoint URL**, which you will need while configuring LogPoint in your ADFS server. While adding LogPoint as a Relying Party Trust in the ADFS server, on the **Configure URL** page, select the **Enable support for the SAML 2.0 Web SSO protocol** option and provide the **AD FS Endpoint URL** in the **Relying party SAML 2.0 SSO service URL** text box.
7. Enter the *Relying party identifier* in the **Issuer** text box. You can find the *Relying party identifier* under the **Identifier** column of the **Relying Party Trust** panel of your ADFS server.
8. Provide the token-signing certificate of your ADFS server in the **AD FS Certificate** text box. You can obtain the certificate from the **Certificates** panel of the ADFS server. Export the certificate in the *Base-64 encoded X.509 (.CER)* format, and copy the content in the **AD FS Certificate** text box.
9. Enter the **Response Username Field** and **Response Role Field**, which are used to extract the username and role from the ADFS server.

After adding LogPoint as a Relying Party Trust in the ADFS server, you need to create claim rules for username and role. While creating the claim rules, you must map the LDAP attributes to two outgoing claim types. One of the claim type needs to be *Role* for the role, and another can be any other attribute for the username. After creating the rules, go to the **Edit Claim Rules** page and select the created rule. Then, click **View Rule Language**. The **Response Username Field** and **Response Role Field** are the values of the **types** parameter.

10. Click **Save**.

AD FS SERVER INFORMATION

AD FS SERVER

Server Name

Server

AD FS URL

https://win-on8hpkn98mu.adfs.local

AD FS Endpoint URL

https://192.168.4.235/pluggables/Authentication/ADFSAuthentication/login

ISSUER

logpoint-sso

AD FS CERTIFICATE

-----BEGIN CERTIFICATE-----
MIIC8DCCAdigAwIQAIAI9gwwTn6RLrZOB3srpTANBgqhkiG9w0BAQsFADA0
MTIwMAYDVQQDEylBREZTIFNpZ25pbmcgLSBXSU4tT044SFBLTjk4TVUuYWRmcy5s
b2NhbDAeFw0xODA2MDcwNzE3MjhaFw0xOTA2MDcwNzE3MjhaMDQxMjAwBgNVBAMT
KUFERIMGU2InbmluZyAtIEdJTj1PTjhIUetOOTHNV55hZGZzLmxvY2FsMIIBIjAN
BgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAzBSuOXvWB2QQCZ4lbvZhF7agac0B
oiWDTBt0z1rIB42bncSkW6wCNm0dwzKI6bUdzMDdZAewL4D0prT/7sTRj32PCvB2
iFMcO+dfDfJ5r565vnwBtByWJVJHRIXQSpNXGzxdpmLs77m7pCal5VBFdtWNb4Zx
4Q9ip+2+BbSmVMZly3J2mWfNO/LKEtIJ+xAJftL9DRamkSKig+nlxpyPKTuFLrJ
J+wnyaJ5sCBZhL0+t9F88PaVNQlaPlm/YGT94UVBUDBOHRPcPe1dExvqrGb+W1dc
iddTHYv2k5aw.Ja3fEtXlQDRPaVPva7OV5D6nIEaOuUYYPZXhXvVN1WvaYAwIDAQAB

Response Username Field

user

SaveCancel

Fig. 3: AD FS Server Information Panel

Note: Once you configure the ADFS Authentication application, the panel removes the **Add Server** option and includes the **Roles Mapping** option.

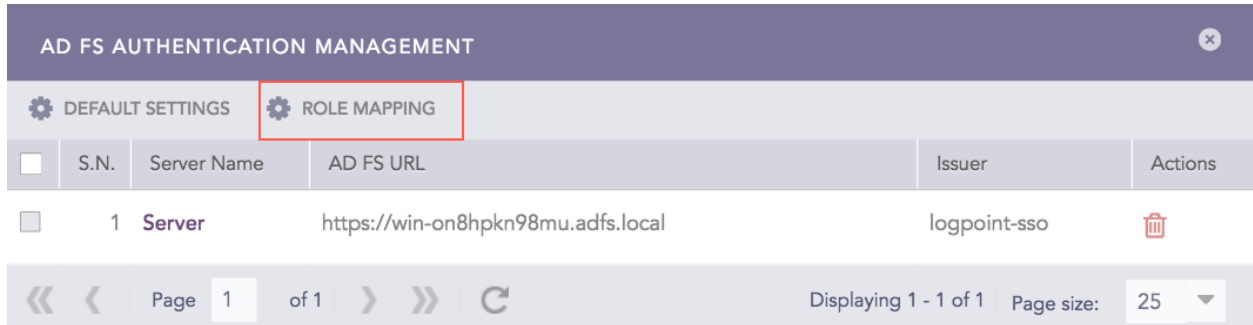
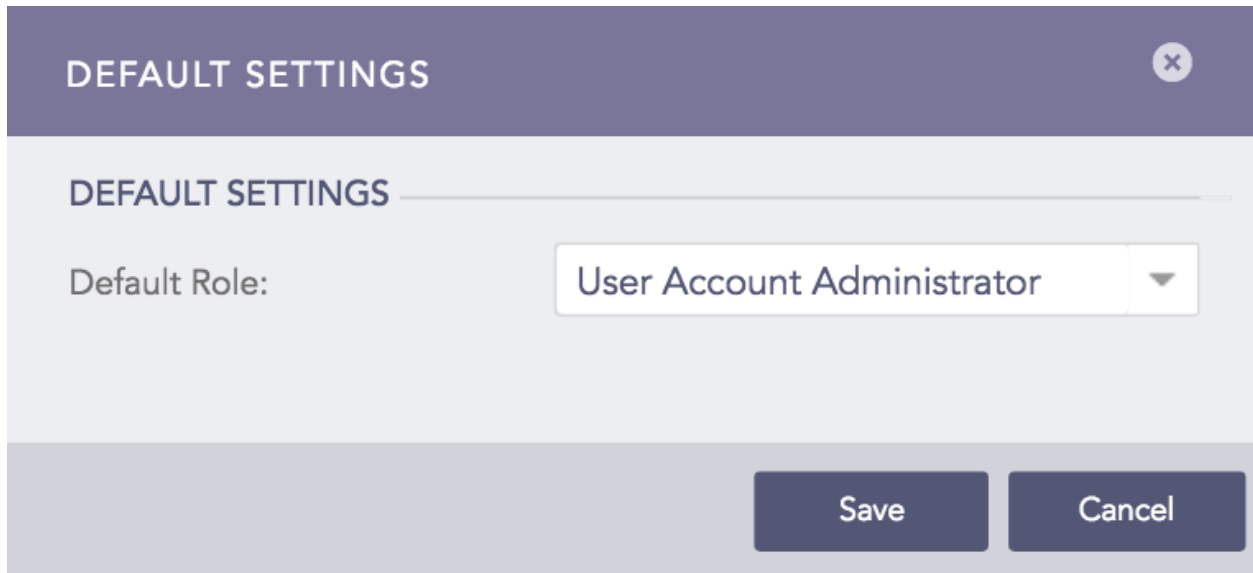


Fig. 4: Add ADFS Server

3.2 Configuring Default Settings

1. Click the **Default Settings**.
2. Select a LogPoint user group as the **Default Role**. The application assigns the user group to the ADFS users whose role attribute has not been returned by the ADFS server.
3. Click **Save**.



The image shows a 'DEFAULT SETTINGS' panel. It has a dark purple header bar with the text 'DEFAULT SETTINGS' and a close button (an 'x' in a circle). Below the header, the text 'DEFAULT SETTINGS' is repeated. Underneath, there is a label 'Default Role:' followed by a dropdown menu. The dropdown menu is open, showing the text 'User Account Administrator' and a downward-pointing arrow. At the bottom right of the panel, there are two buttons: 'Save' and 'Cancel'.

DEFAULT SETTINGS

DEFAULT SETTINGS

Default Role: User Account Administrator

Save Cancel

Fig. 5: Default Settings Panel

3.3 Mapping Roles

You can map an ADFS role to a LogPoint user group to define access permission on LogPoint.

Follow these steps to map an ADFS role to a LogPoint user group:

1. Click **Roles Mapping**.

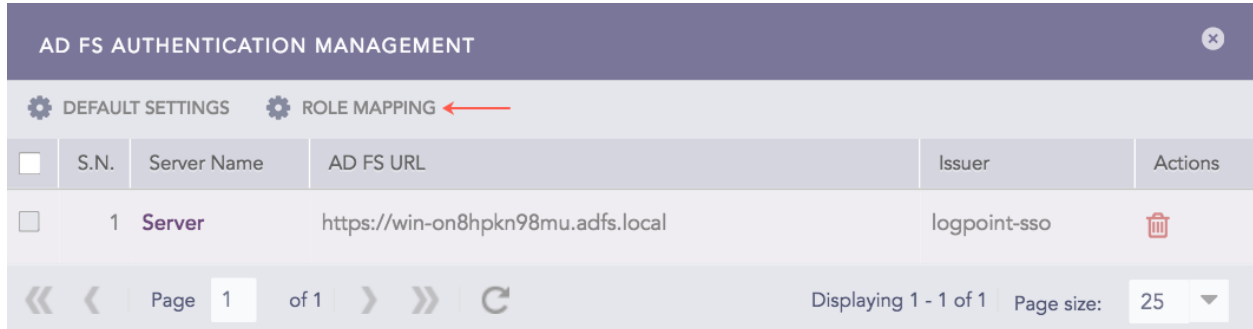


Fig. 6: Adding Role Mapping

2. Enter an **AD FS Role**.
3. Select a **LogPoint User Group** to assign to the AD FS role mentioned above.
4. Click **Add**. A table lists all the mapped ADFS roles and LogPoint user groups. You can either edit or delete the added role mappings from the table.

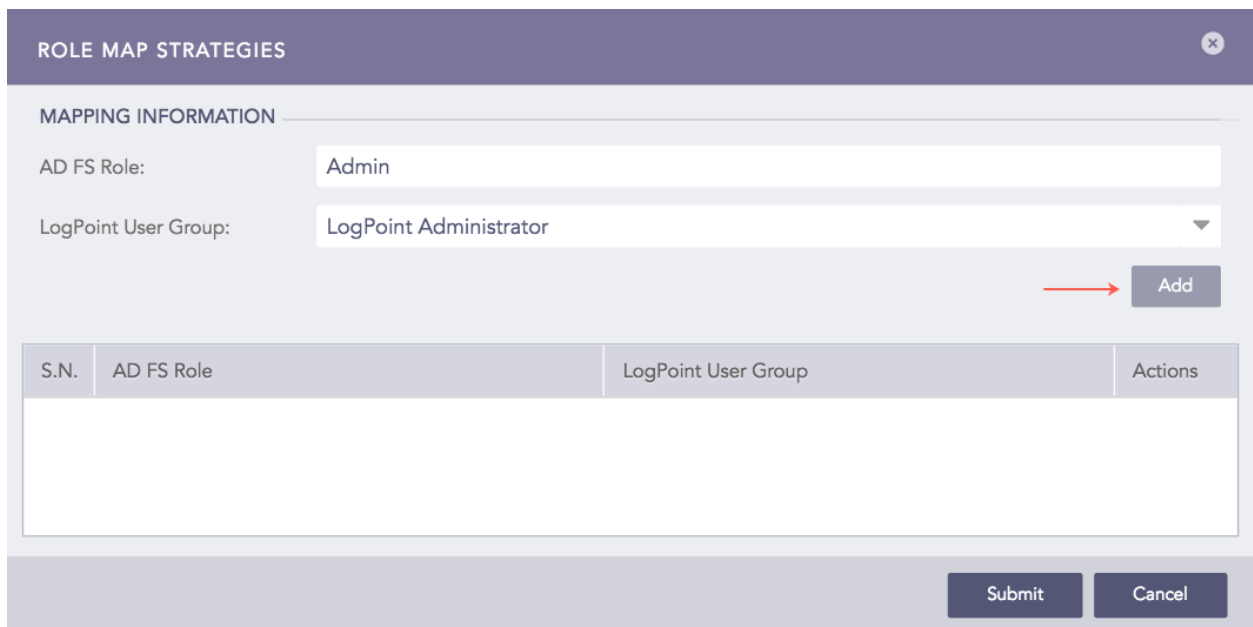


Fig. 7: ADFS Role Mapping

ROLE MAP STRATEGIES

MAPPING INFORMATION

AD FS Role:

LogPoint User Group:

Add

S.N.	AD FS Role	LogPoint User Group	Actions
2	Admin	LogPoint Administrator	^ v

Submit

Cancel

Fig. 8: ADFS Role Mapping Added

Note:

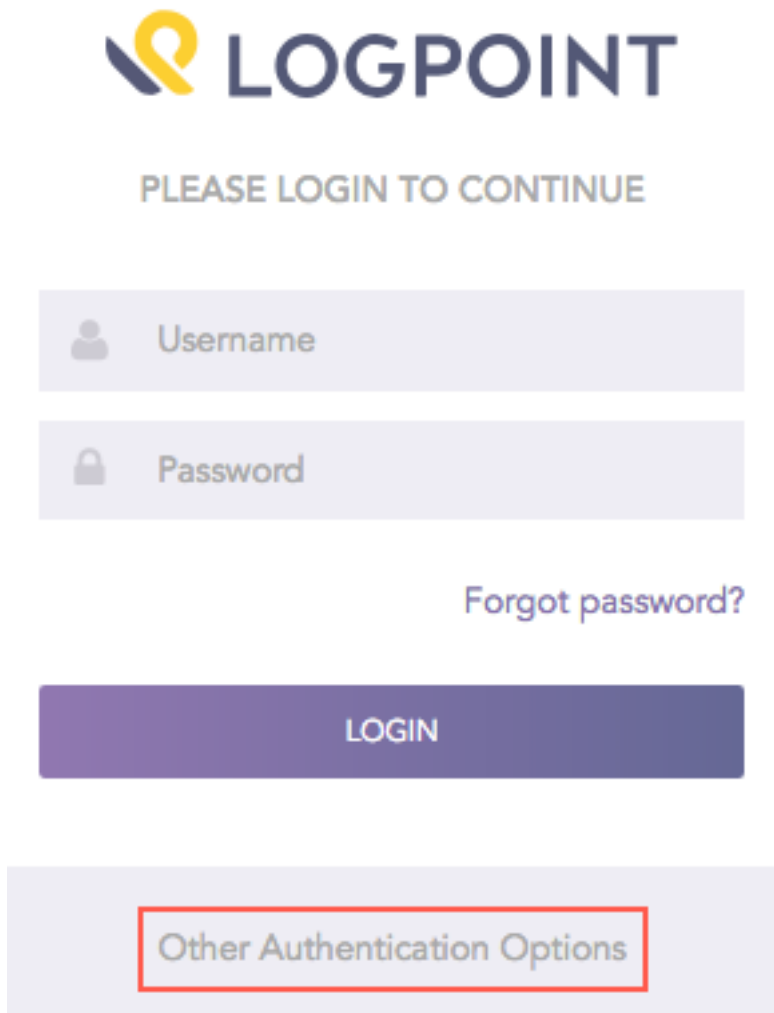
- Mapping roles in the ADFS Authentication application is mandatory.
- The ADFS role to LogPoint user group mapping is one-to-one, which means you can map an ADFS role to a single LogPoint user group only.

LOGIN WITH ADFS AUTHENTICATION

After configuring the ADFS Authentication, you can log into LogPoint using the ADFS credentials.

Follow these steps to log in with the ADFS Authentication:

1. Go to the **LogPoint login** page.
2. Click the **Other Authentication Options** link.



The image shows a login interface for Logpoint. At the top is the Logpoint logo, which consists of a stylized yellow and blue icon followed by the word "LOGPOINT" in a bold, dark blue sans-serif font. Below the logo is the text "PLEASE LOGIN TO CONTINUE" in a smaller, grey sans-serif font. There are two input fields: the first is labeled "Username" with a grey user icon to its left, and the second is labeled "Password" with a grey lock icon to its left. Both fields have a light grey background. Below the password field is a link that says "Forgot password?" in a purple sans-serif font. Underneath this is a dark purple rectangular button with the word "LOGIN" in white, bold, sans-serif capital letters. At the bottom of the form is a light grey rectangular box containing a red-bordered rectangle with the text "Other Authentication Options" in a grey sans-serif font.

Fig. 1: Other Authentication Options

3. Select **AD FS Authentication**.

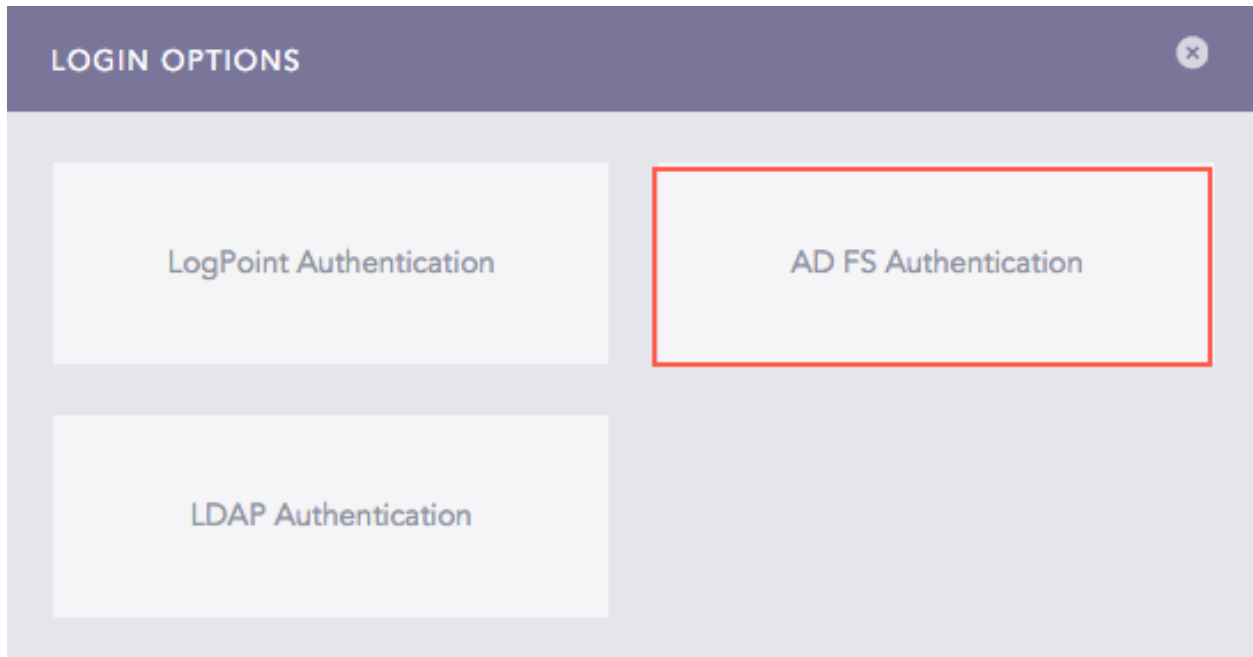


Fig. 2: Login Options

4. Click **Login**.

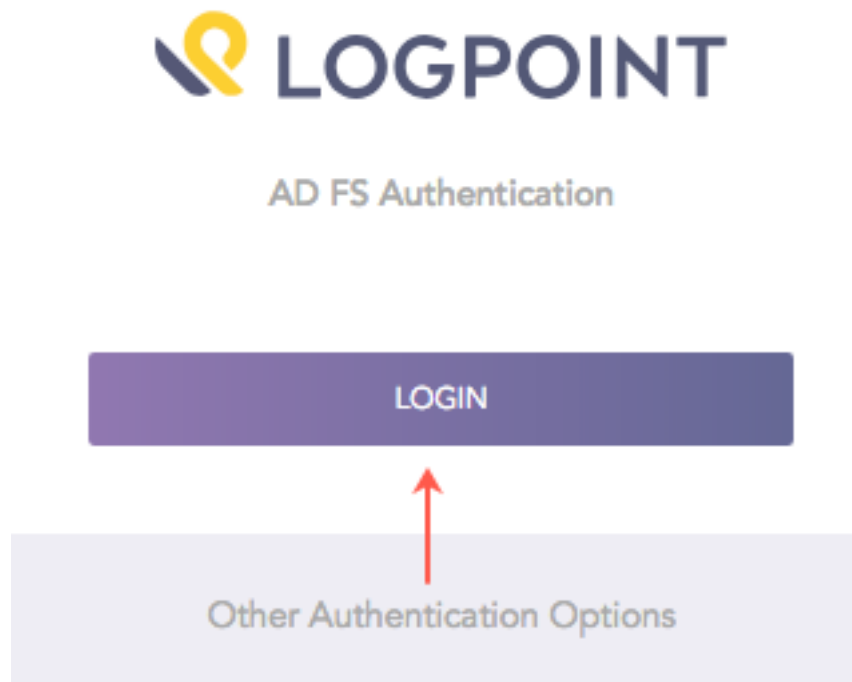
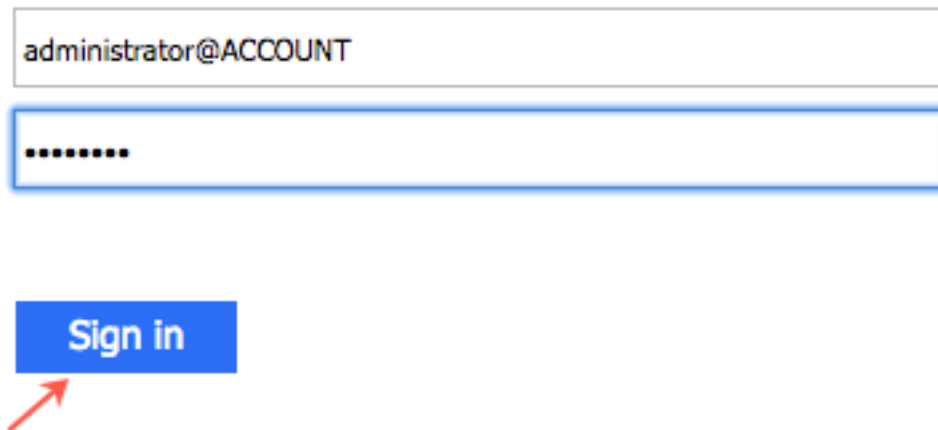


Fig. 3: ADFS Authentication Login

5. Enter your ADFS **Username** and **Password**.
6. Click **Sign in** to log into LogPoint.

Account ADFS

Sign in with your organizational account



administrator@ACCOUNT

.....

Sign in

Fig. 4: ADFS Server Login

Important:

- The time zones of the ADFS server and LogPoint must be identical.
 - If you have configured the Duo Security in your ADFS server, you need to further verify with the Duo's two-factor authentication. For more details, refer to the [Duo Security Manual](#).
 - Refer to the [Appendix](#) section to obtain information on installing and configuring the Duo Security in the ADFS server.
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Once you log in with the ADFS credentials, the system adds *adfs* as a prefix to your username. For example, if you log in as bob with the AD FS Authentication option, LogPoint updates your username as *adfs_bob*.

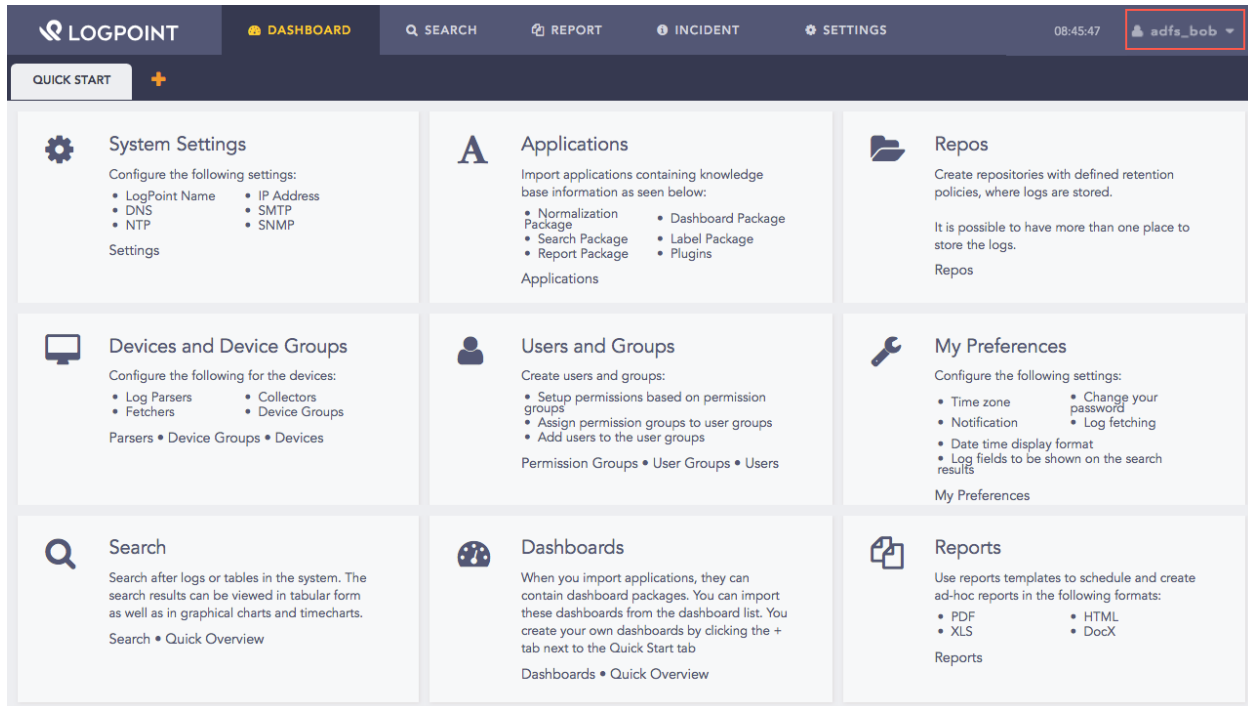


Fig. 5: User Logged In with ADFS Authentication

Note: Once you log in with the ADFS Authentication, you get signed into LogPoint for a period of session time. You can define the session time in the ADFS server.

MANAGING ADFS USERS

LogPoint users with sufficient privileges can manage ADFS users.

Follow these steps to manage ADFS users:

1. Go to *Settings >> System >> User Accounts*.
2. Click **Users**.
3. In the **Plugin Users** drop-down menu, click **AD FS Authentication**.

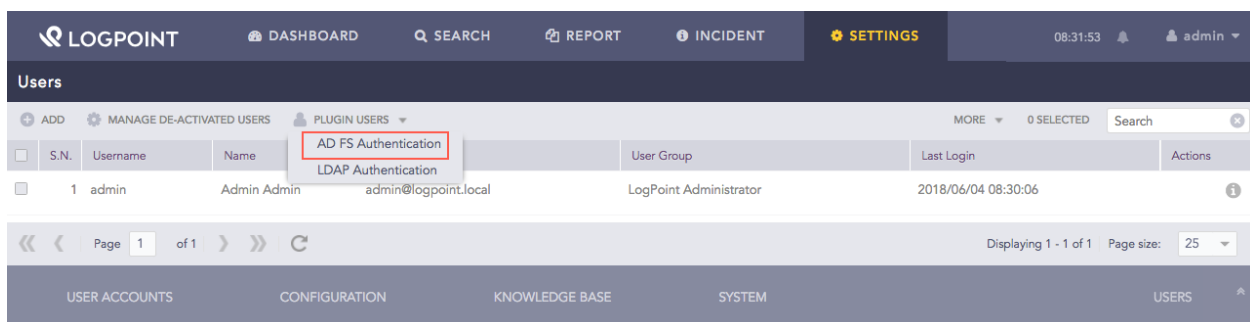


Fig. 1: Plugin Users

4. Click the **De-Activate User** icon in the **Actions** column to deactivate a user.

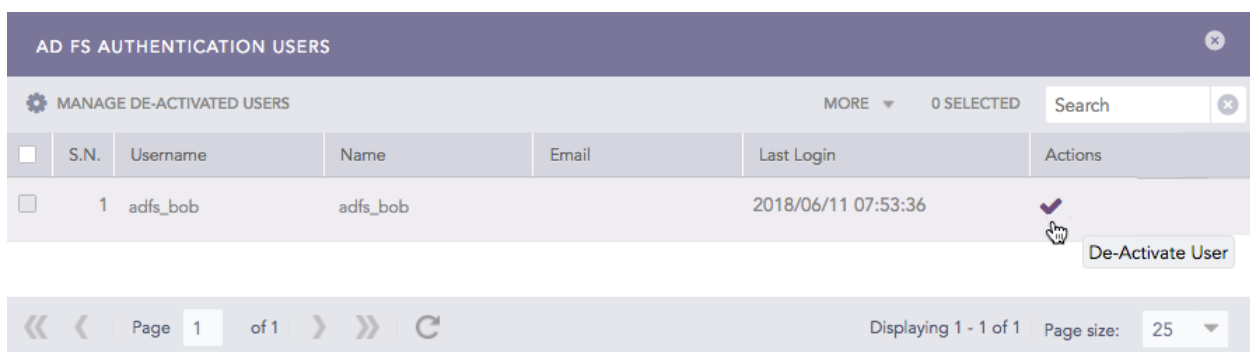


Fig. 2: De-Activate ADFS Users

5. Click **Yes**.

6. Click **Manage De-Activated Users**.

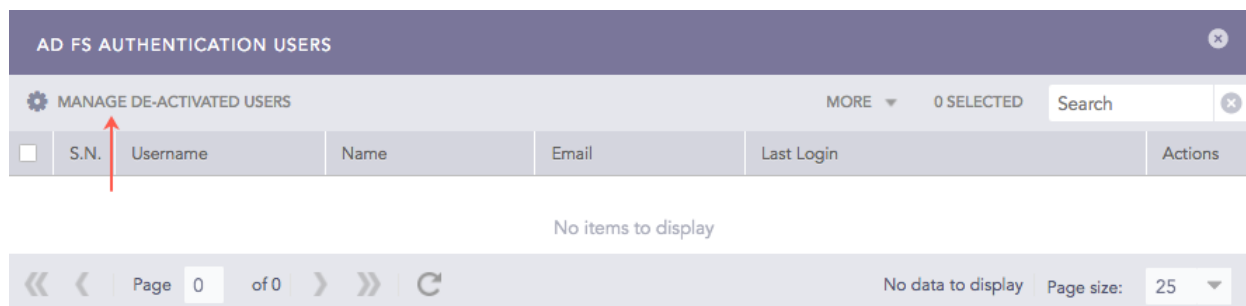


Fig. 3: Manage De-Activated ADFS Users

7. Click the **Activate User** icon to activate or the **Delete** icon to delete the deactivated user.

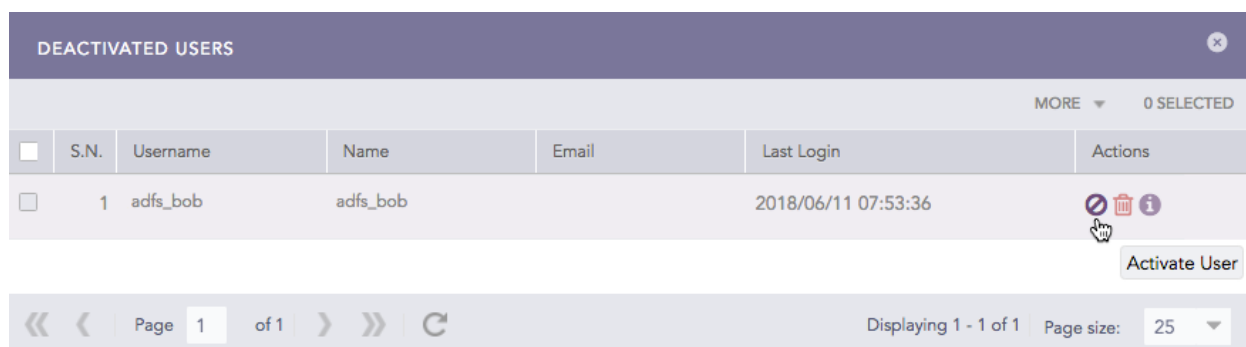


Fig. 4: Activate the De-Activated ADFS User

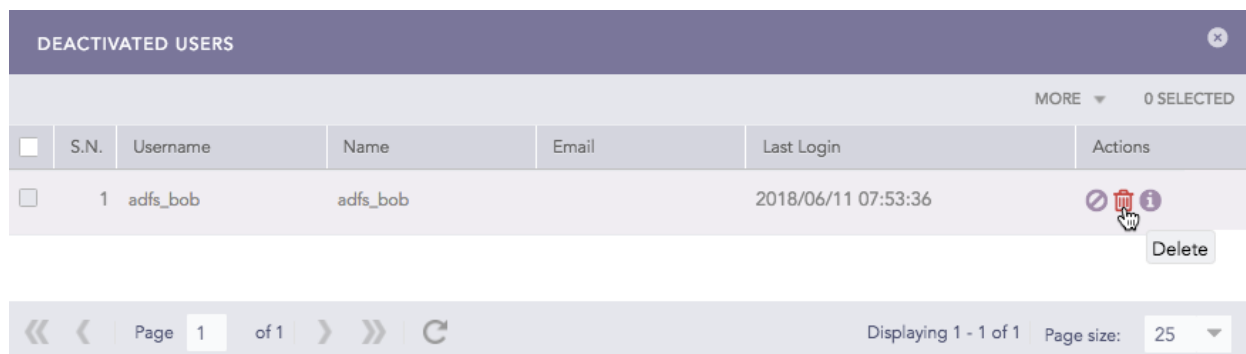


Fig. 5: Delete the De-Activated ADFS User

UNINSTALLING THE APPLICATION

6.1 Uninstalling the ADFS Authentication Application in LogPoint

1. Go to *Settings >> System >> Applications*.
2. Click the **Uninstall** (🗑️) icon from the **Actions** column.

Note: You must remove the **ADFS Authentication** configuration to delete the application.

APPENDIX

The following section guides you through the process of installing and configuring the Duo Security in the *ADFS* server.

7.1 Installing the Duo Security in the ADFS Server

1. Launch the Duo AD FS installer package provided by *Duo Security* in the *ADFS* server.
2. Click **Next**.



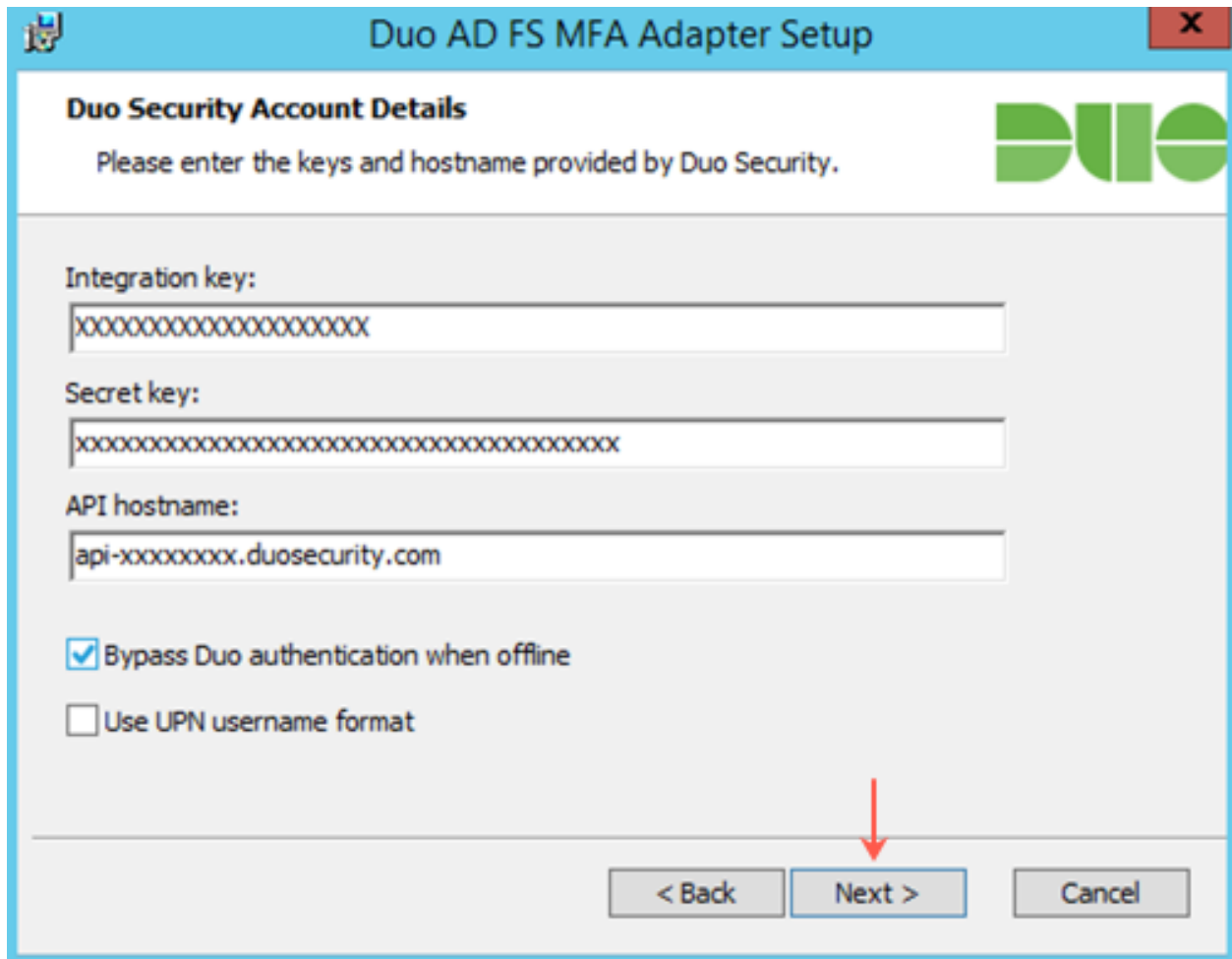
Fig. 1: Duo AD FS MFA Adapter Setup

3. Enter the **Integration key**.
4. Enter the **Secret key**.
5. Enter the **API hostname**.

Note: Refer to the **Appendix** section of the [Duo Security Manual](#) to retrieve the **Integration key**, the **Secret key**, and the **API hostname**.

6. Select **Bypass Duo authentication when offline** to enable login when the *Duo Security* is offline.

7. Click **Next**.



The screenshot shows a Windows-style dialog box titled "Duo AD FS MFA Adapter Setup". The main heading is "Duo Security Account Details" with a sub-instruction: "Please enter the keys and hostname provided by Duo Security." The Duo Security logo is in the top right. There are three text input fields: "Integration key:" containing "xxxxxxxxxxxxxxxxxxxxxxxx", "Secret key:" containing "xx", and "API hostname:" containing "api-xxxxxxxxx.duosecurity.com". Below these are two checkboxes: "Bypass Duo authentication when offline" (checked) and "Use UPN username format" (unchecked). At the bottom are three buttons: "< Back", "Next >", and "Cancel". A red arrow points to the "Next >" button.

Fig. 2: Duo Security Account Details

8. Select **Generate new session key**.

9. Click **Next**.

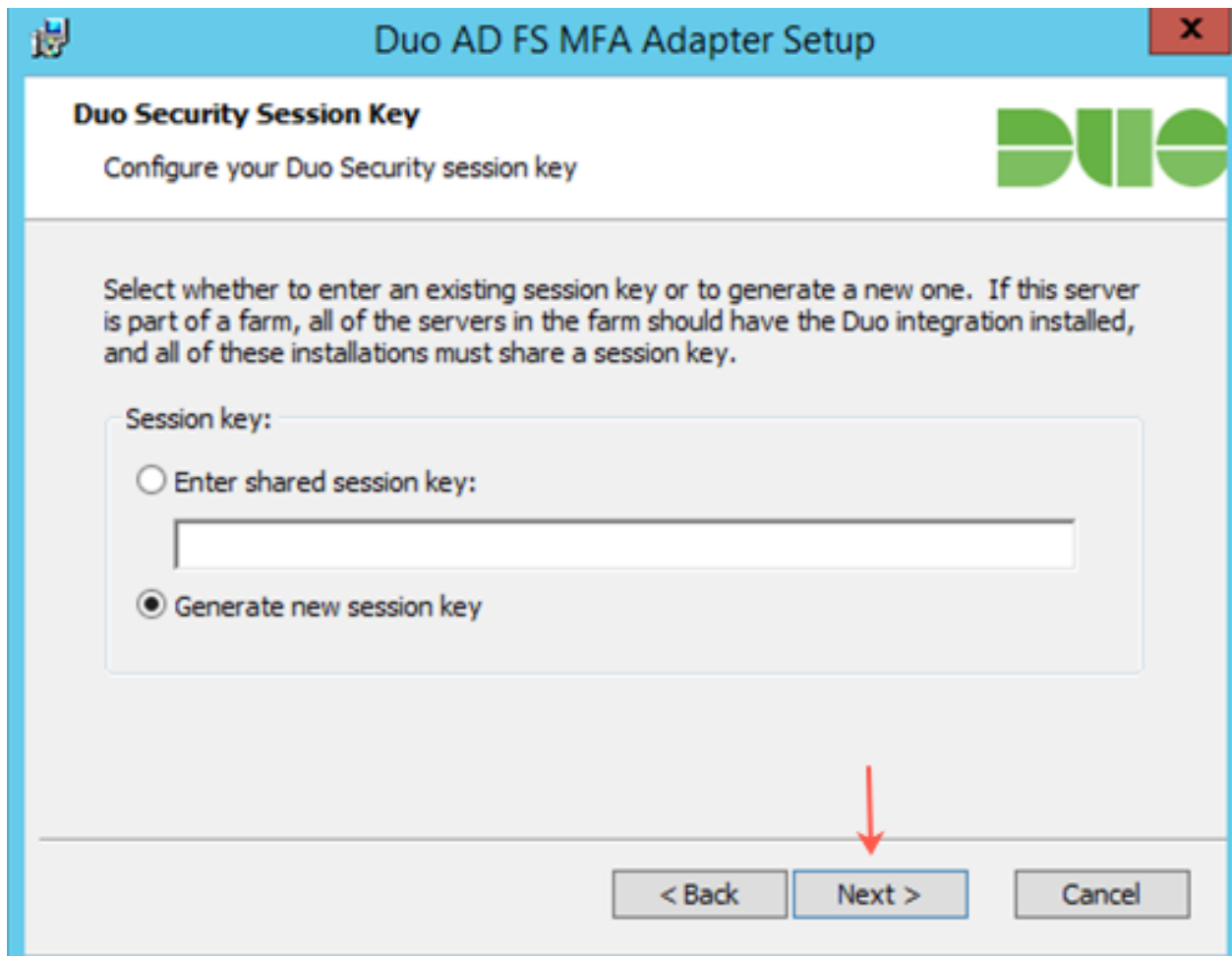


Fig. 3: Generating New Duo Security Session Key

10. Click **Install**.

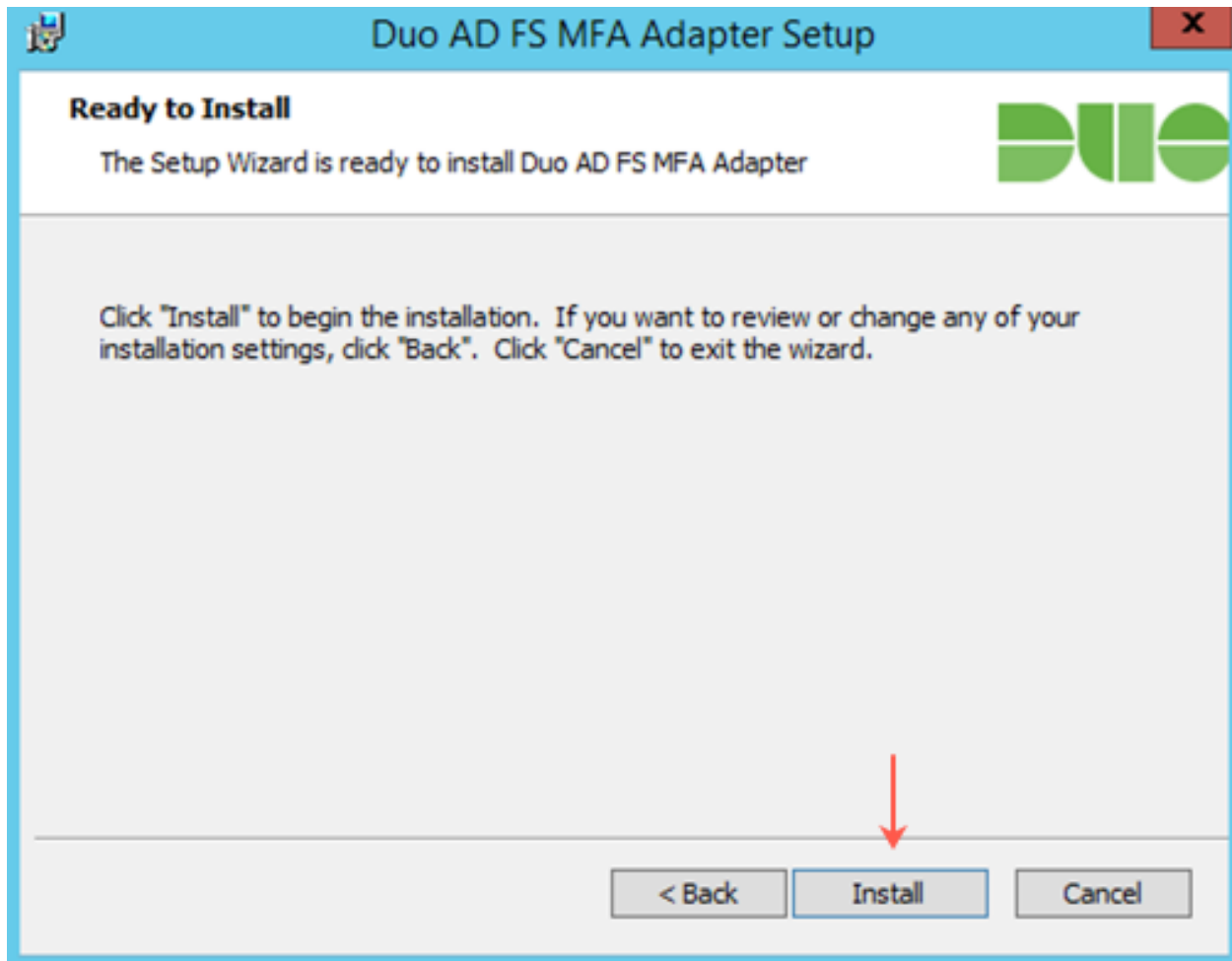


Fig. 4: Installing Duo AD FS MFA Adapter

11. Click **Finish**.

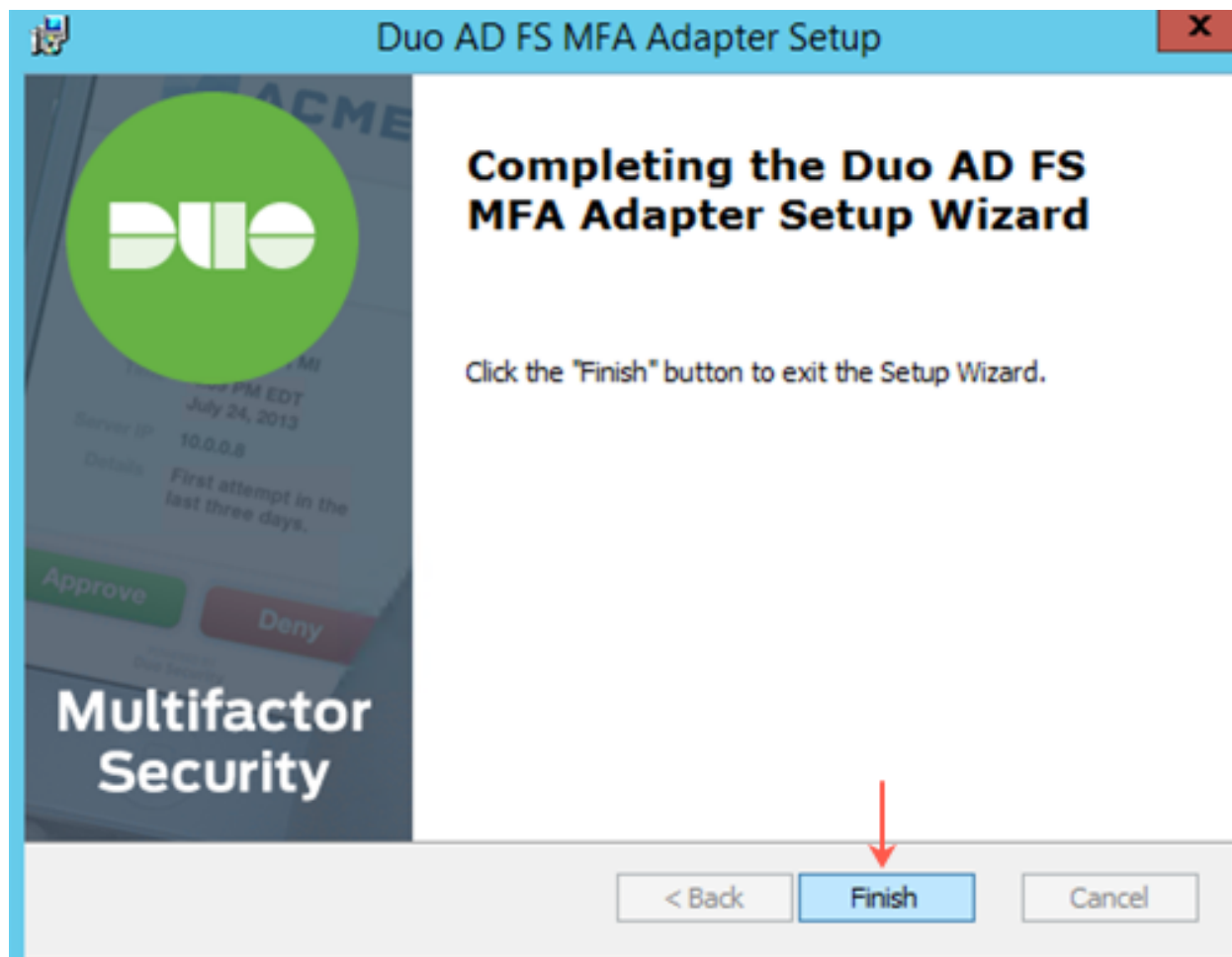


Fig. 5: Completing the Duo AD FS MFA Adapter Setup Wizard

7.2 Selecting Duo Security in the ADFS Server

1. Go to the *AD FS Server >> AD FS >> Authentication Policies*.

2. Click **Edit Global Multi-factor Authentication**.

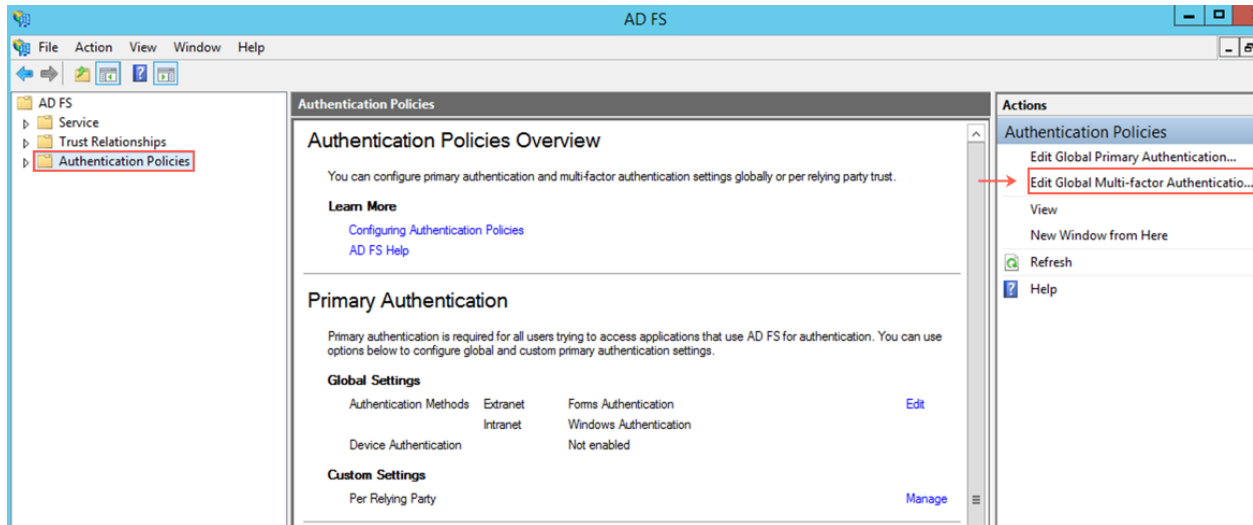


Fig. 6: Authentication Policies

3. Select **Duo Authentication for AD FS 1.2.0.17**.

4. Click **OK**.

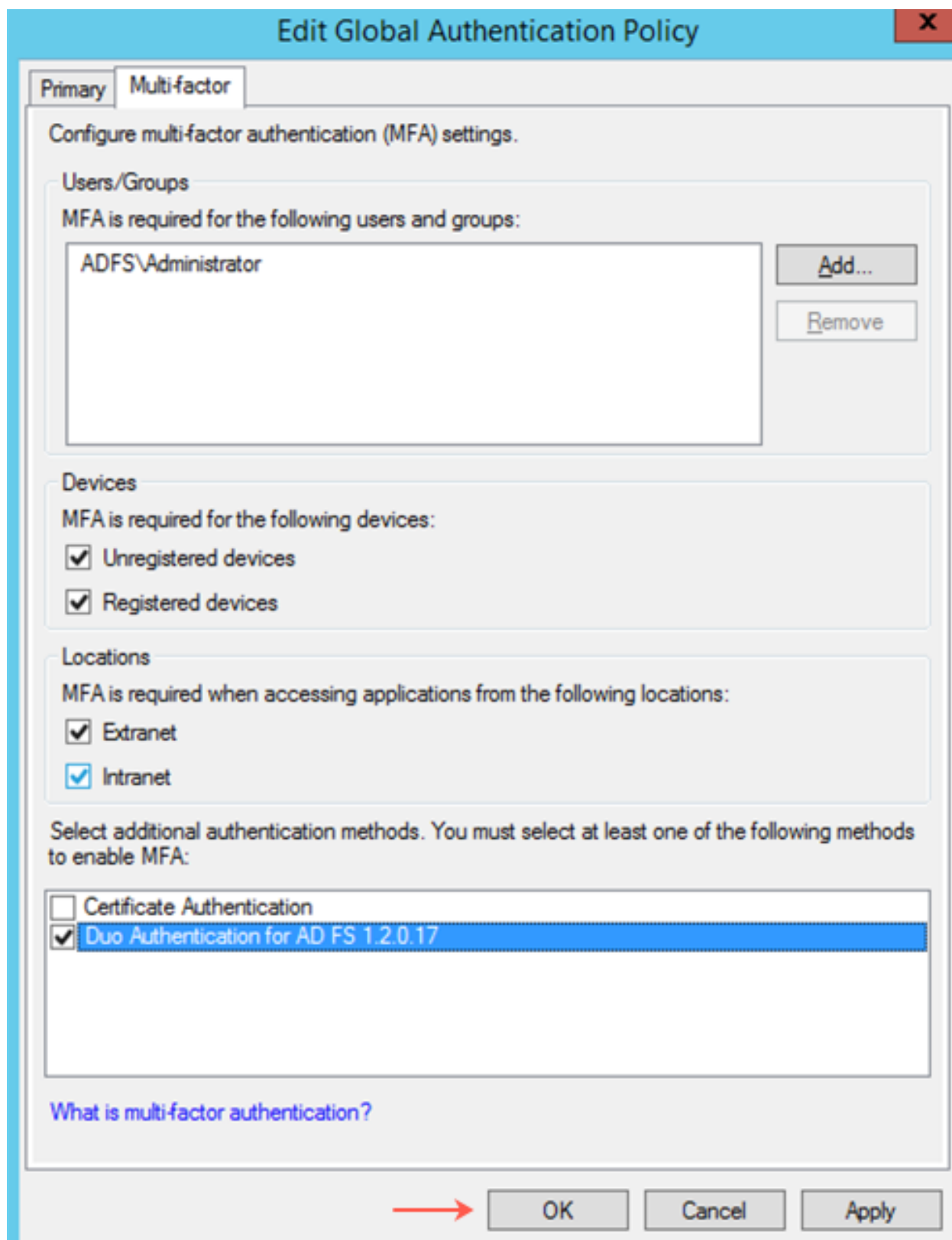


Fig. 7: Edit Global Authentication Policy Panel