



Integrations

ADFS Authentication

V5.0.0

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CHAPTER
ONE

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 *ADFS_5.0.0.pak* file.
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.

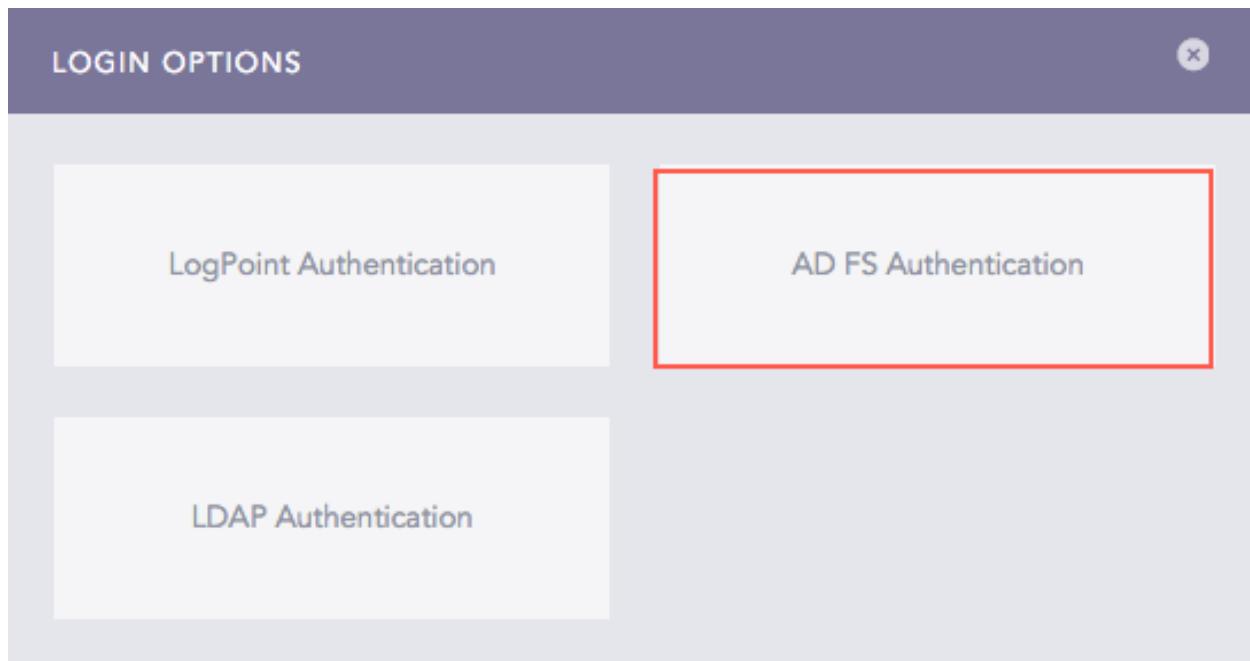


Fig. 1: AD FS Authentication Login Option

CONFIGURING THE APPLICATION

3.1 Configuring the ADFS Authentication

1. Go to *Settings* >> *System* >> *Plugins*.
2. Find **AD FS Authentication v5.0.0** and click **Manage**.

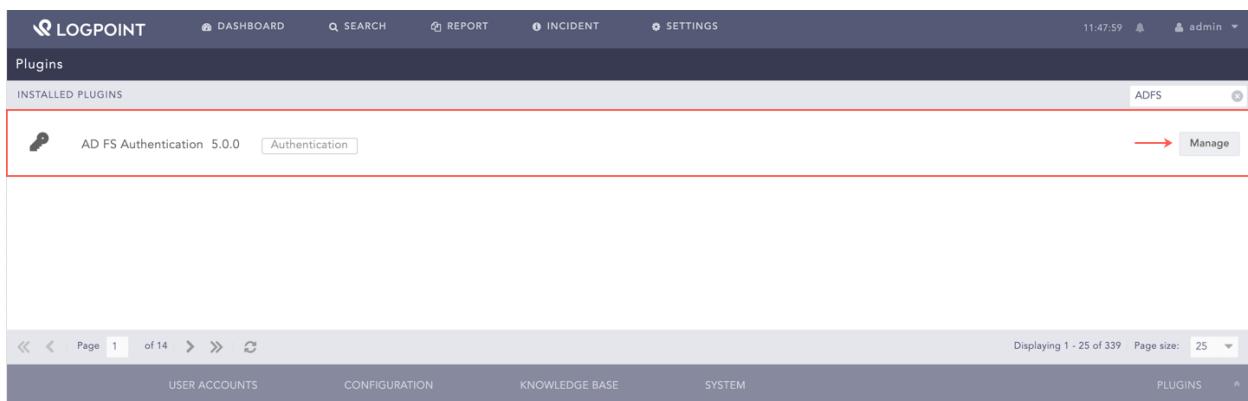


Fig. 1: Manage AD FS Authentication

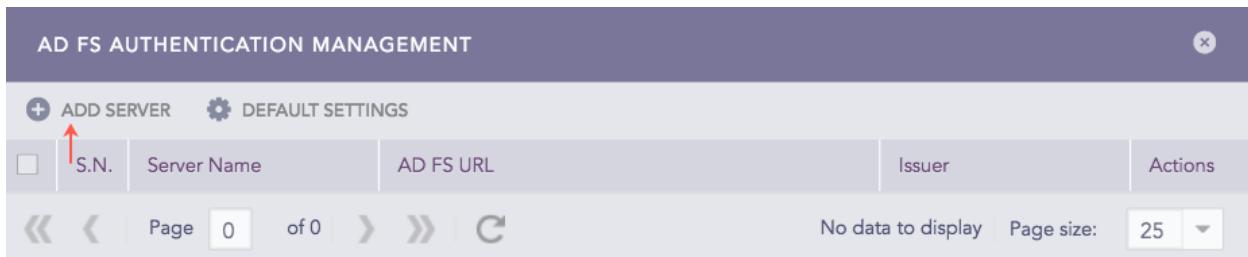


Fig. 2: Add ADFS Server

3. Click **Add Server**.

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-----
MIIC8DCCAdigAwIBAgIQIAI9gvwTn6RLrZOBc3srpTANBgkqhkiG9w0BAQsFADA0
MTIwMAYDVQQDEyIBREZTIFNpZ25pbmcgLSBXSU4tT044SFBLTjk4TVUuYWRmcy5s
b2NhbDAeFw0xODA2MDcwNzE3MjhaFw0xOTA2MDcwNzE3MjhaMDQxMjAwBgNVBAMT
KUFERIMgU2lnbmluZyAtIFdTjI1PTjhIUEtOOTHNV5hZGZzLmxvY2FsMIIIBjAN
BgkqhkiG9w0BAQEFAAOCAQ8AMIIIBCgKCAQEAzBSuOXvWB2QQCZ4lbvZhF7agac0B
oiWDTBt0z1rlB42bncSkW6wCNm0dwzKl6bUdzMDdZAewL4D0prT/7sTRj32PCvB2
iFMcO+dfDfJ5r565vnwBtByWJVJHRIXQSpNXGzxdpmLs77m7pCaI5VBFdtWNb4Zx
4Q9ip+2+BbSmVMZly3J2mWfNO/LKEtIJ+xhAJftL9DRamkSKig+nIxpyPKTuFLrJ
J+wnyaj5sCBZhL0+t9F88PaVNQlaPlm/YGT94UVBUDBOHRPcPe1dExvqrGb+W1dc
iddTHYv2k5awJa3fEtxIQDRPaVPva7OV5D6nIeaOuUYPZXhXvVN1WvaYAwIDAQAB
-----END CERTIFICATE-----
```

Response Username Field
user

Save **Cancel**

Fig. 3: AD FS Server Information Panel

4. Enter a **unique Server Name** for the ADFS server.
5. Enter the **AD FS URL** of the ADFS server.

Note: The application provides the **AD FS Endpoint URL** automatically, which you must add while configuring LogPoint in the ADFS server.

6. Enter an **Issuer**. It is an identifier used in the *Relying Party Trust* of the ADFS server.

7. Provide the **AD FS Certificate**. It is the signed certificate generated while setting up the ADFS server.
8. Enter the **Response Username Field**. It is used to extract username from the ADFS response.
9. Enter the **Response Role Field**. It is used to extract role from the ADFS response.

Note: The ADFS server predefines the *Response Username Field* and the *Response Role Field*.

10. Click **Save**.



Fig. 4: Add ADFS Server

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

3.2 Configuring Default Settings

1. Click **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.

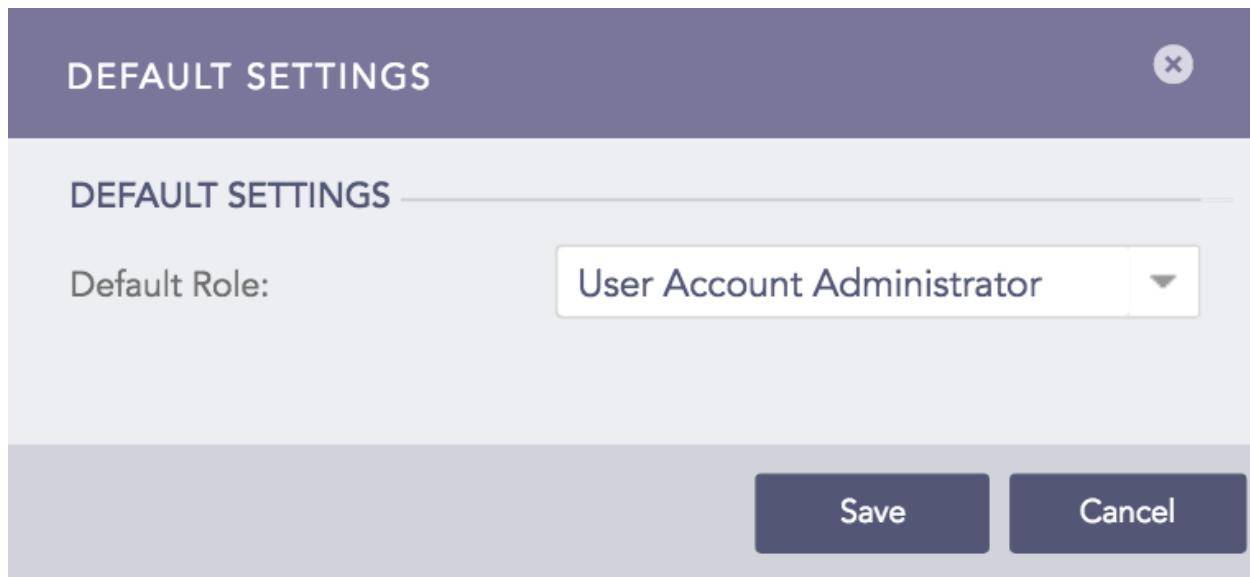


Fig. 5: Default Settings Panel

3. Click **Save**.

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**.

The screenshot shows the 'AD FS AUTHENTICATION MANAGEMENT' interface. At the top, there is a title 'AD FS AUTHENTICATION MANAGEMENT' and a close button (an 'X'). Below the title, there are two tabs: 'DEFAULT SETTINGS' and 'ROLE MAPPING', with 'ROLE MAPPING' being the active tab. A red arrow points to the 'ROLE MAPPING' tab. The main area is a table with the following data:

	S.N.	Server Name	AD FS URL	Issuer	Actions
<input type="checkbox"/>	1	Server	https://win-on8hpkn98mu.adfs.local	logpoint-sso	

At the bottom, there is a navigation bar with icons for back, forward, and search, and text indicating 'Displaying 1 - 1 of 1 | Page size: 25'.

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.

ROLE MAP STRATEGIES

MAPPING INFORMATION

AD FS Role:	Admin
LogPoint User Group:	LogPoint Administrator

→ **Add**

S.N.	AD FS Role	LogPoint User Group	Actions

Submit **Cancel**

Fig. 7: ADFS Role Mapping

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.

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	^ ^ Delete

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.

CHAPTER
FOUR

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.

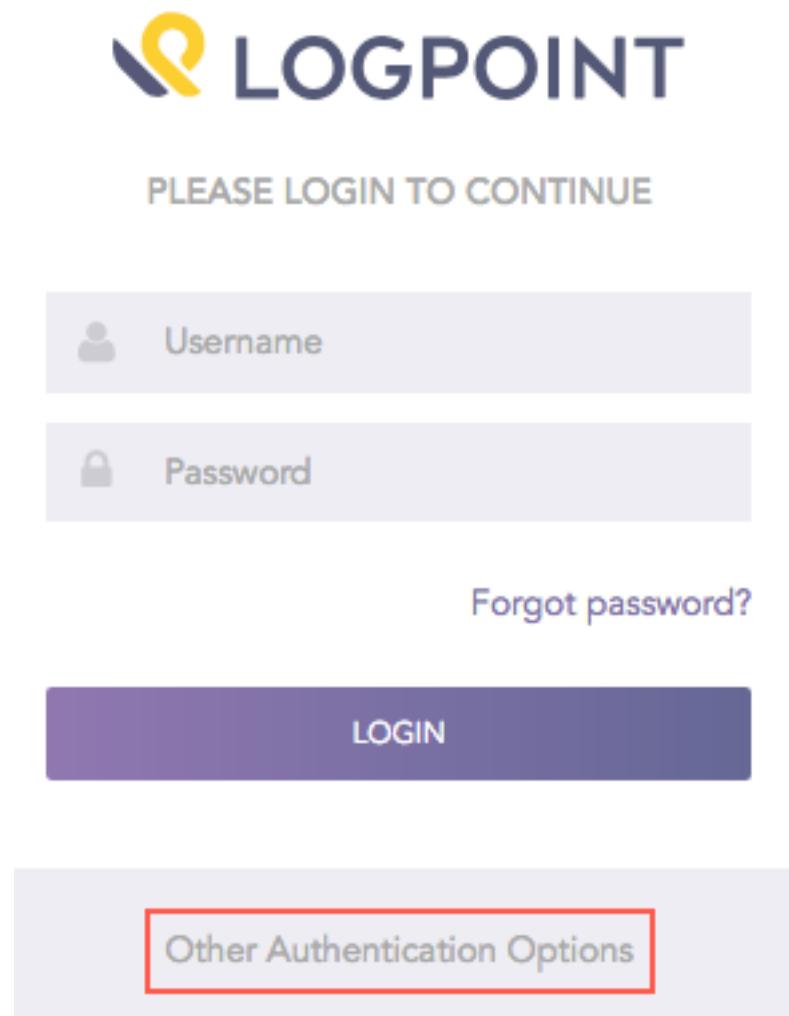


Fig. 1: Other Authentication Options

3. Select **AD FS Authentication**.

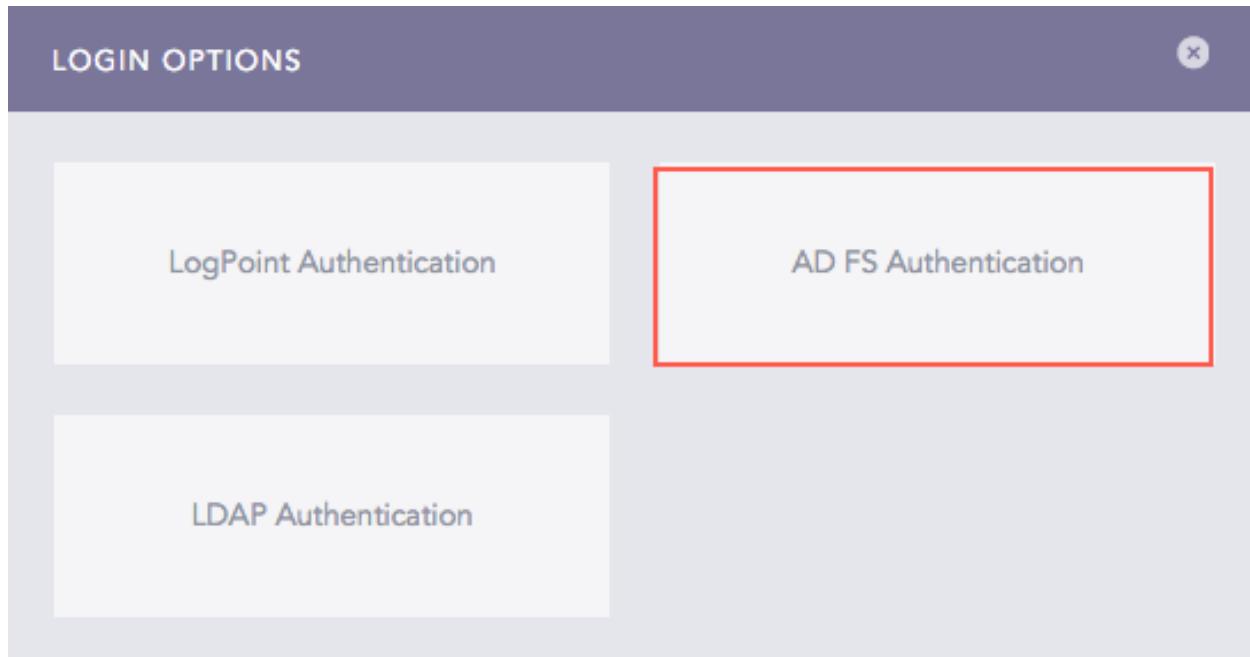


Fig. 2: Login Options

4. Click **Login**.

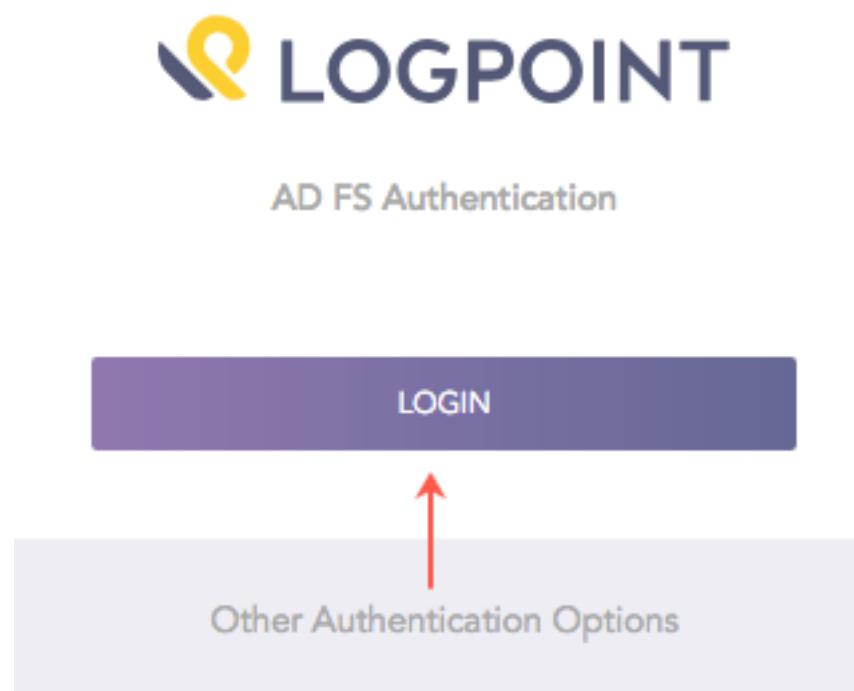


Fig. 3: ADFS Authentication Login

5. Enter your ADFS **Username** and **Password**.

Account ADFS

Sign in with your organizational account

The screenshot shows a login interface for ADFS. At the top, the text "Sign in with your organizational account" is displayed. Below it are two input fields: the first contains the text "administrator@ACCOUNT" and the second contains a series of dots representing a password. At the bottom is a blue "Sign in" button. A red arrow points to the "Sign in" button.

Fig. 4: ADFS Server Login

6. Click **Sign in** to log into LogPoint.

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 Guide](#).
- Refer to the [Appendix](#) section to obtain information on installing and configuring the Duo Security in the ADFS server.

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."

The screenshot shows the LogPoint application interface. At the top, there is a navigation bar with links for LOGPOINT, DASHBOARD, SEARCH, REPORT, INCIDENT, SETTINGS, and a user dropdown showing 'adfs_bob'. The main area is divided into several sections:

- System Settings**: Configure LogPoint Name, IP Address, DNS, SMTP, NTP, and SNMP.
- Applications**: Import applications containing knowledge base information. Options include Normalization Package, Search Package, Report Package, Dashboard Package, Label Package, and Plugins.
- Repos**: Create repositories with defined retention policies where logs are stored. It's possible to have more than one place to store the logs.
- Devices and Device Groups**: Configure Log Parsers, Collectors, Fetchers, and Device Groups.
- Users and Groups**: Create users and groups, setup permissions, and assign permission groups to user groups.
- My Preferences**: Configure time zone, notification, date time display format, and log fields to be shown on the search results.
- Search**: Search after logs or tables in the system.
- Dashboards**: Import applications and dashboard packages, create your own dashboards.
- Reports**: Use reports templates to schedule and create ad-hoc reports in PDF, XLS, HTML, and DocX formats.

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.

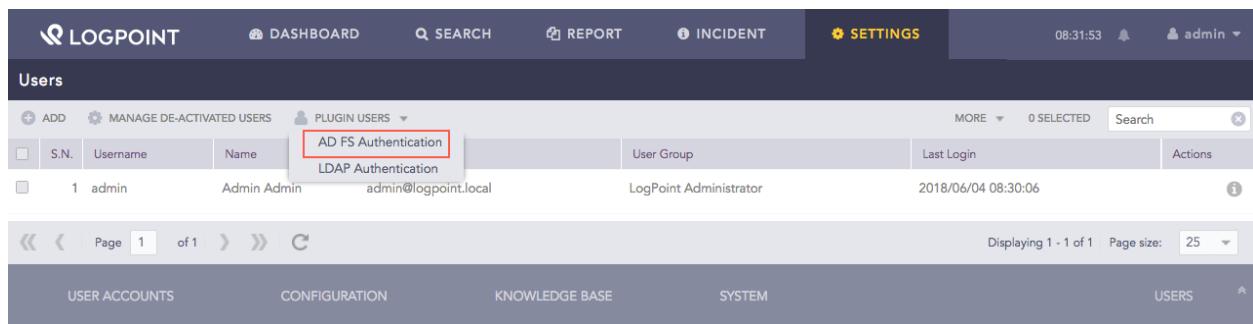
CHAPTER FIVE

MANAGING ADFS USERS

LogPoint users with sufficient privileges can manage ADFS users.

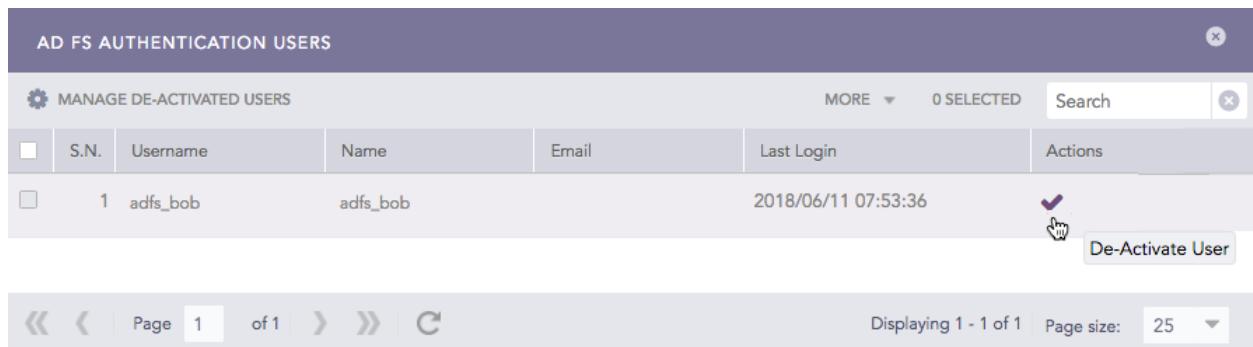
Follow these steps to manage ADFS users:

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



S.N.	Username	Name	User Group	Last Login	Actions
1	adfs_bob	adfs_bob	adfs_bob@logpoint.local	LogPoint Administrator	2018/06/04 08:30:06

Fig. 1: Plugin Users



S.N.	Username	Name	Email	Last Login	Actions
1	adfs_bob	adfs_bob	adfs_bob@logpoint.local	2018/06/11 07:53:36	 De-Activate User

Fig. 2: De-Activate ADFS Users

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

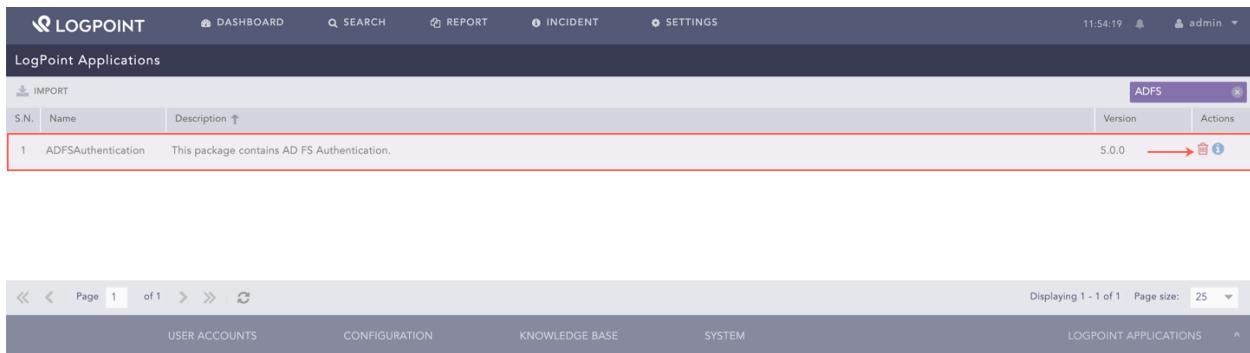
Fig. 4: Activate the De-Activated ADFS User

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** (trash) icon from the *Actions* column.



The screenshot shows the LogPoint Applications interface. The top navigation bar includes links for DASHBOARD, SEARCH, REPORT, INCIDENT, and SETTINGS, along with a timestamp (11:54:19) and a user account (admin). The main content area is titled 'LogPoint Applications' and shows a table of installed applications. The table has columns for S.N., Name, Description, Version, and Actions. A single row is visible, representing the 'ADFS Authentication' application, which is version 5.0.0. The 'Actions' column for this row contains a red-bordered trash icon, indicating the option to uninstall the application. The bottom of the page features a navigation bar with links for USER ACCOUNTS, CONFIGURATION, KNOWLEDGE BASE, SYSTEM, and LOGPOINT APPLICATIONS, along with a page size selector (25).

S.N.	Name	Description	Version	Actions
1	ADFSAuthentication	This package contains AD FS Authentication.	5.0.0	

Fig. 1: Uninstall ADFS Authentication

CHAPTER
SEVEN

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.



Fig. 1: Duo AD FS MFA Adapter Setup

2. Click **Next**.

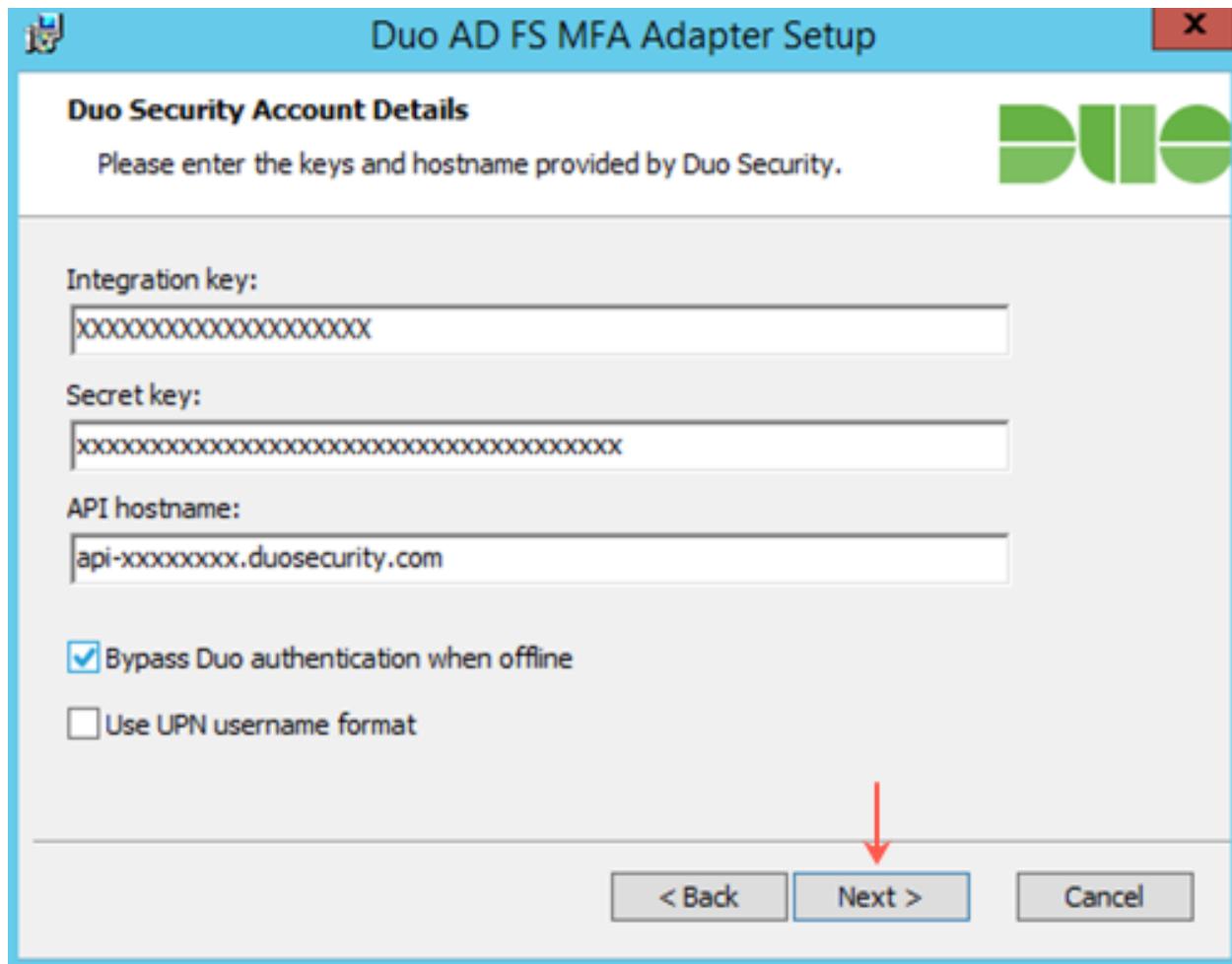


Fig. 2: Duo Security Account Details

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 Guide](#) 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**.

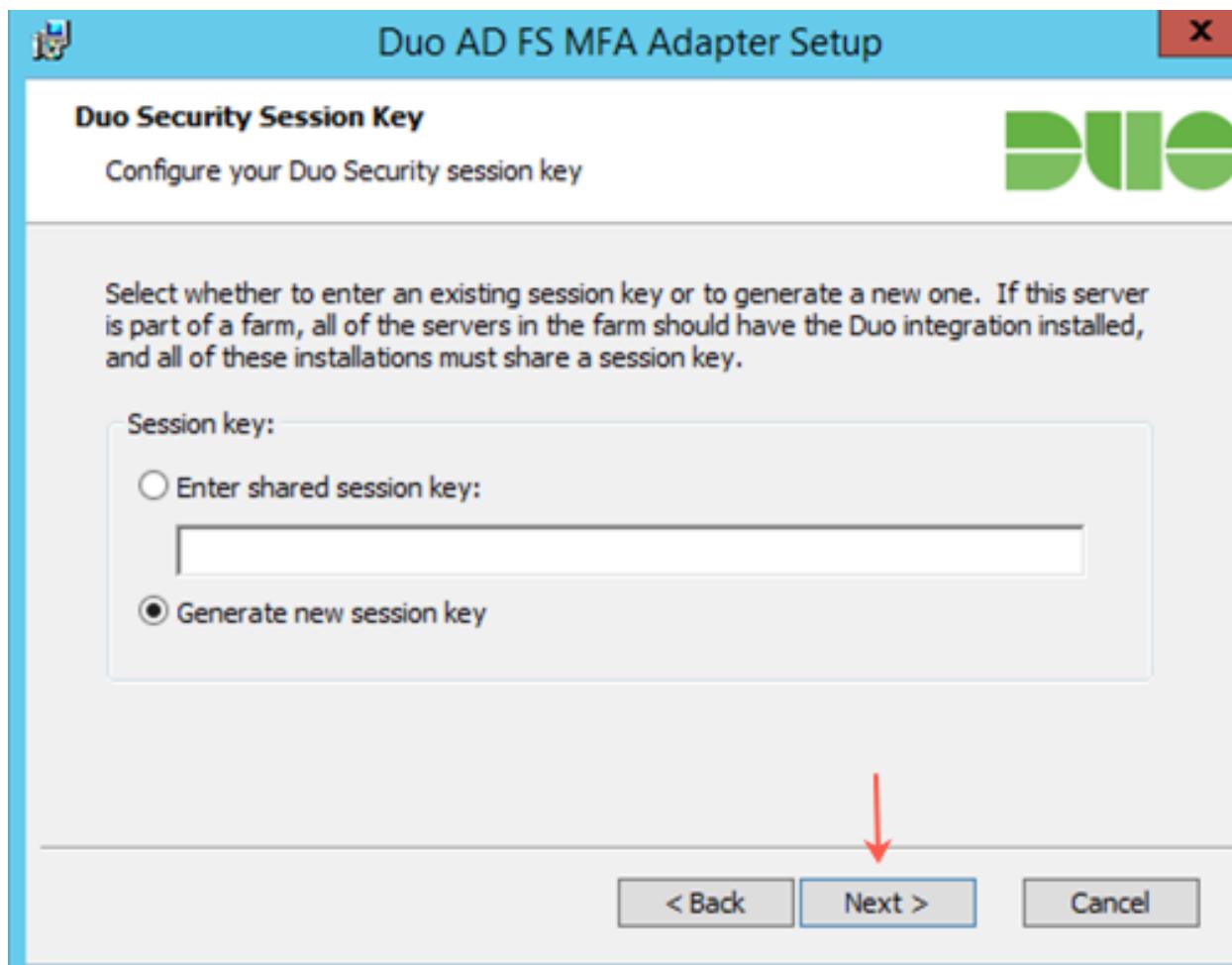


Fig. 3: Generating New Duo Security Session Key

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

9. Click **Next**.

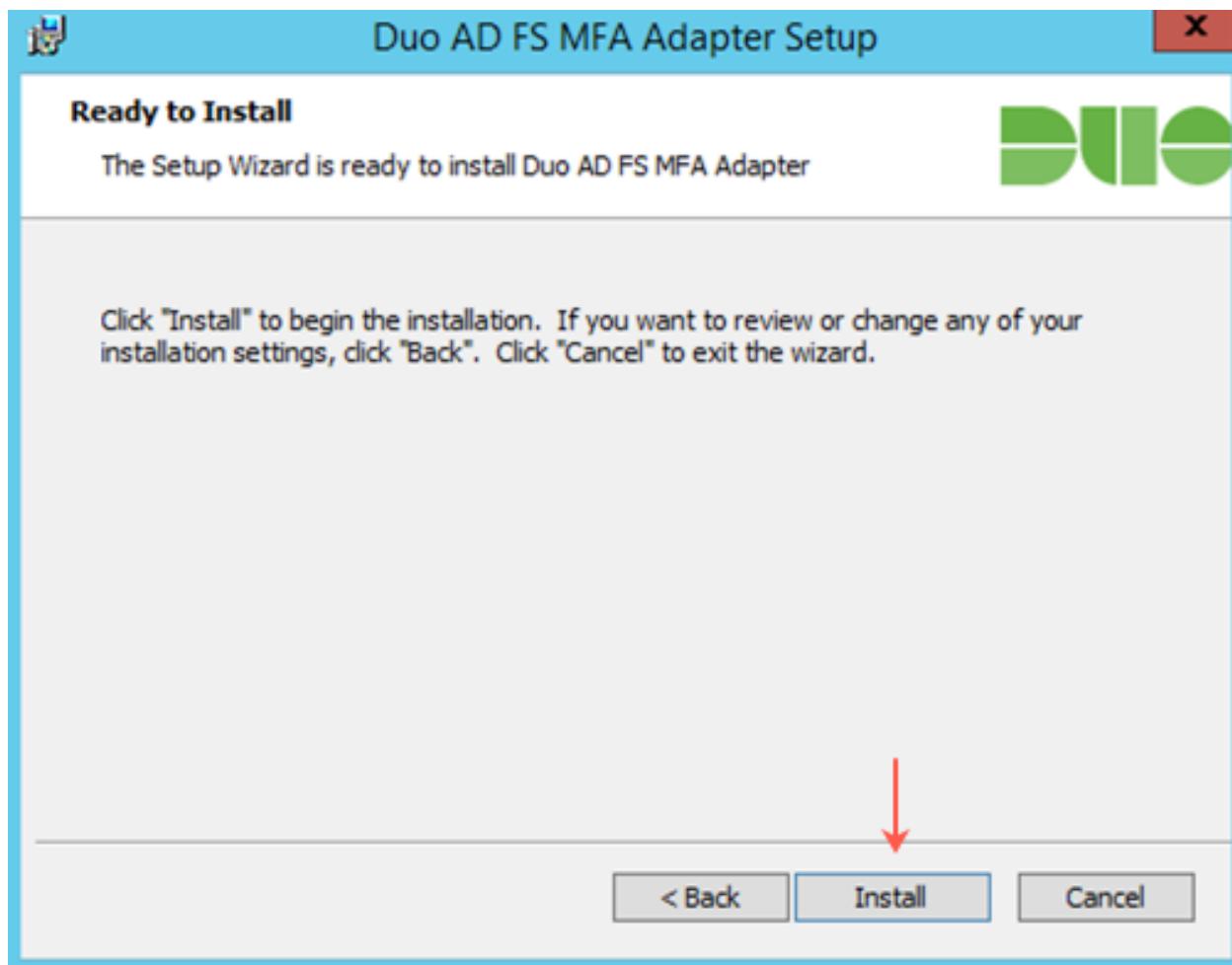


Fig. 4: Installing Duo AD FS MFA Adapter

10. Click **Install**.



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

11. Click **Finish**.

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**.

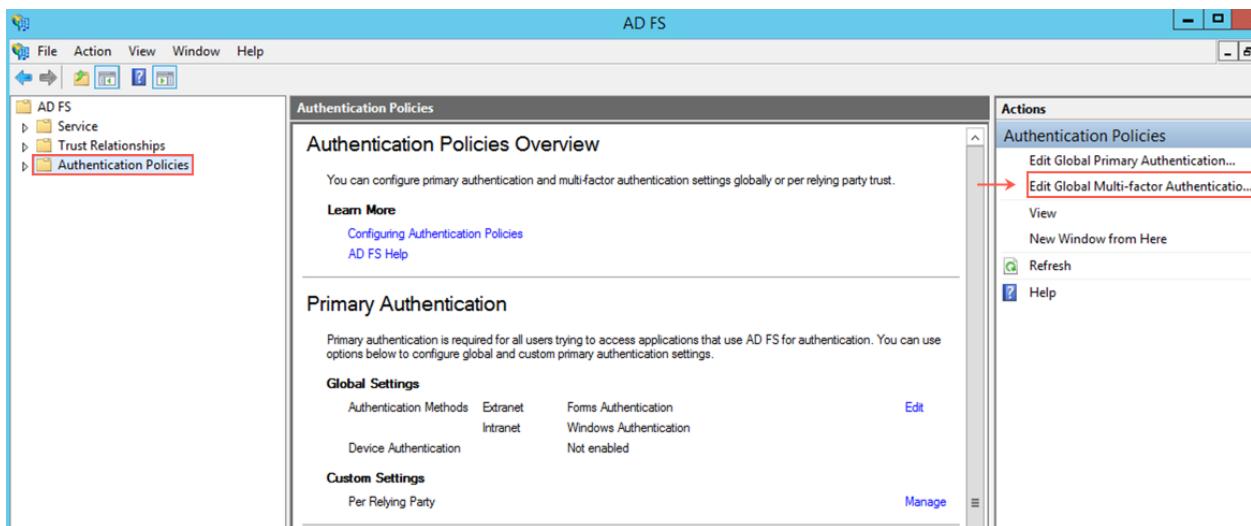


Fig. 6: Authentication Policies

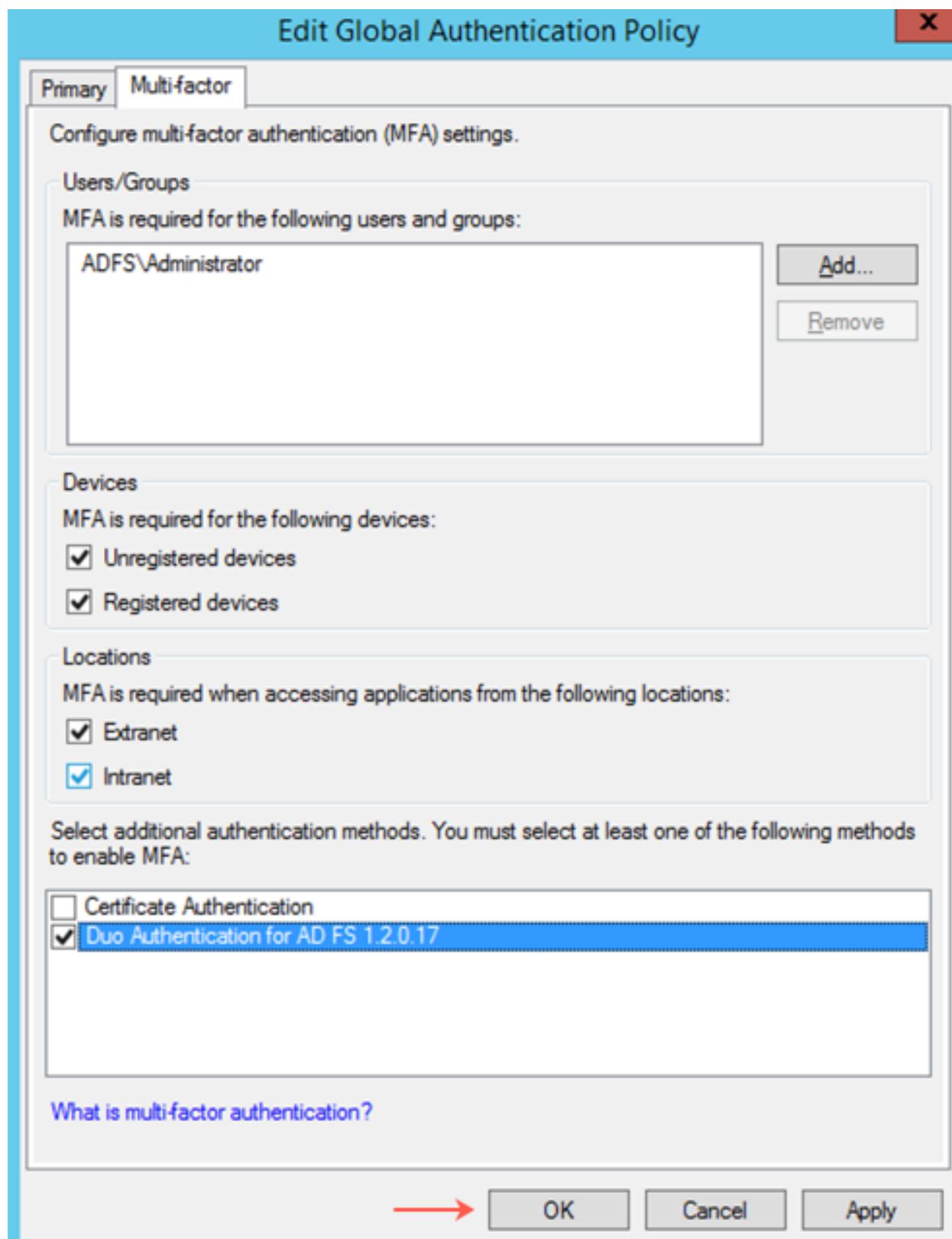


Fig. 7: Edit Global Authentication Policy Panel

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

4. Click **OK**.