Integrations

ADFS Authentication

*V*5.0.0

LOGPOINT

CONTENTS

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.
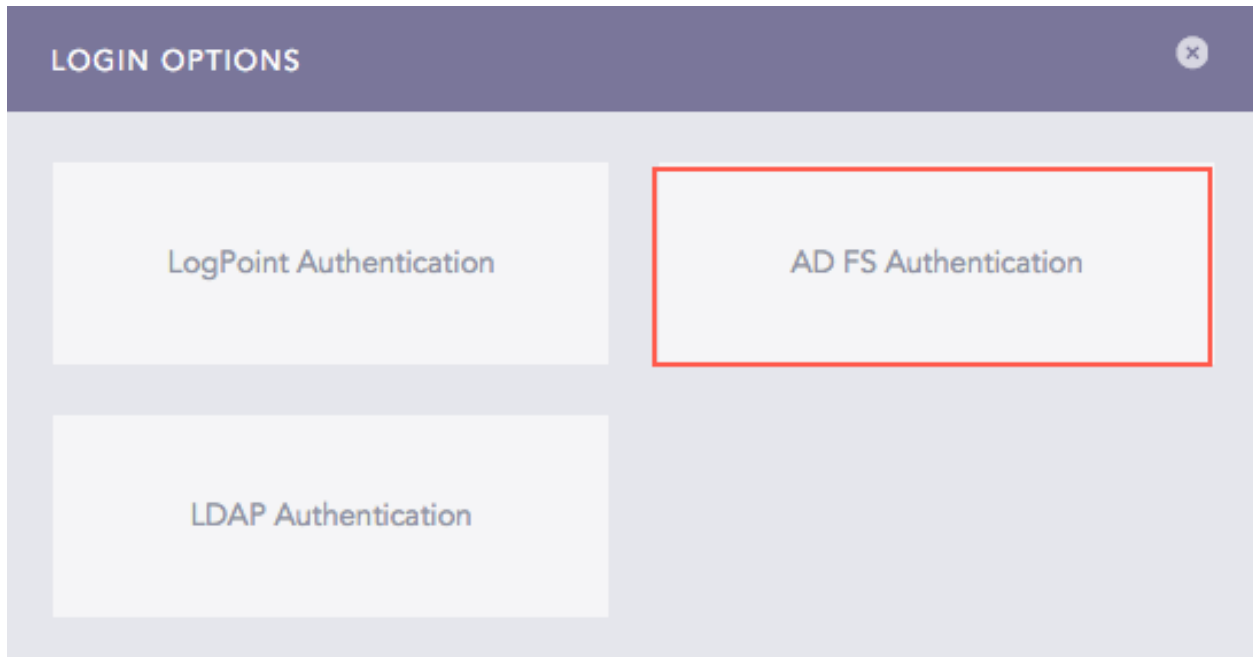
Fig. 1: AD FS Authentication Login Option

CONFIGURING THE APPLICATION

3.1 Configuring the ADFS Authentication

1. Go to *Settings >> System >> Plugins*.

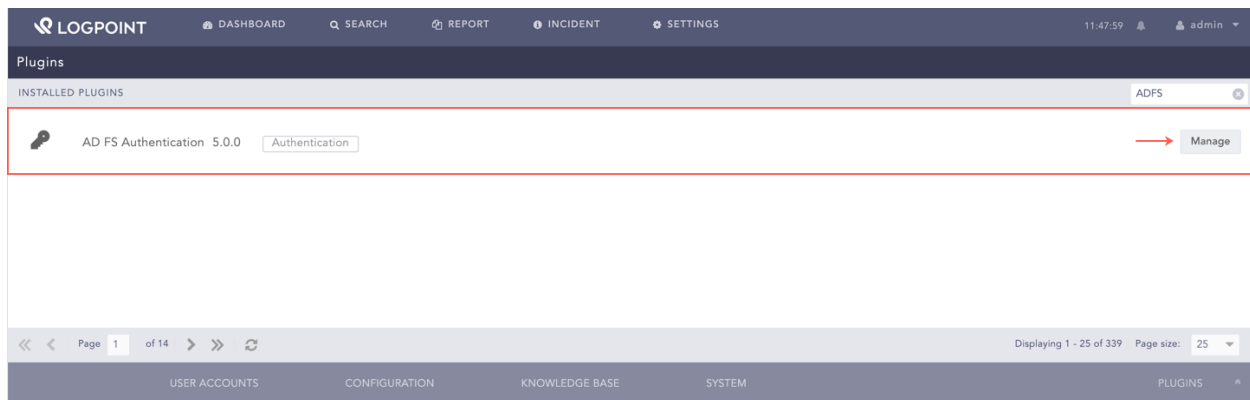2. Find **AD FS Authentication v5.0.0** and click **Manage**.
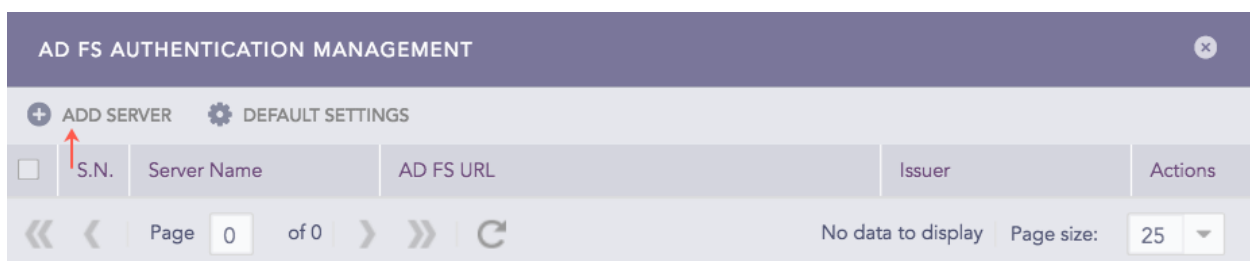
Fig. 1: Manage AD FS Authentication

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-----
MIIC8DCCAdigAwIBAgIQIAl9gvwTn6RLrZOBe3srpTANBgkqhkiG9w0BAQsFADA0
MTIwMAYDVQQDEyIBREZTIFNpZ25pbmcgLSBXSU4tT044SFBLTjk4TVUuYWRmcy5s
b2NhbDAeFw0xODA2MDcwNzE3MjhaFw0xOTA2MDcwNzE3MjhaMDQxMjAwBgNVBAMT
KUFERlMgU2lnbmluZyAtIFdJTi1PTjhIUEtOOThNVS5hZGGzLmxvY2FsMIIBIjAN
BgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAzBSuOXvWB2QQCZ4lbvZhF7agac0B
oiWDTBt0z1rlB42bncSkW6wCNm0dwzKl6bUdzMDdZAewL4D0prT/7sTRj32PCvB2
iFMcO+dfDfJ5r565vnwBtByWJVJHRIXQSpNXGzxdpmLs77m7pCaI5VBFdtWNb4Zx
4Q9ip+2+BbSmVMZIy3J2mWfNO/LKEtIJ+xhAJftL9DRamkSKig+nlxpyPKTuFLrJ
J+wnyaj5sCBZhL0+t9F88PaVNQlaPlm/YGT94UVBUDBOHRPcPe1dExvqrGb+W1dc
iddTHYv2k5qwJq3fEtxlQDRPaVPva7OV5D6nlEaOuUYPZXhXvVN1WvqYAwIDAQAB

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.

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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*.
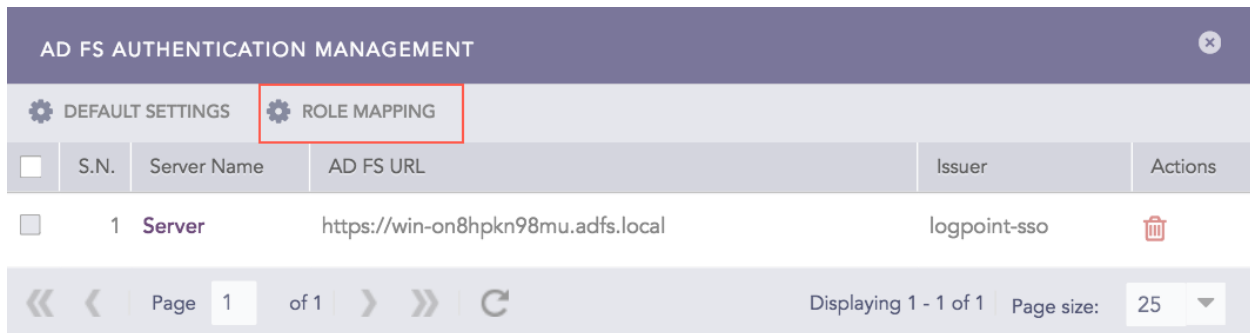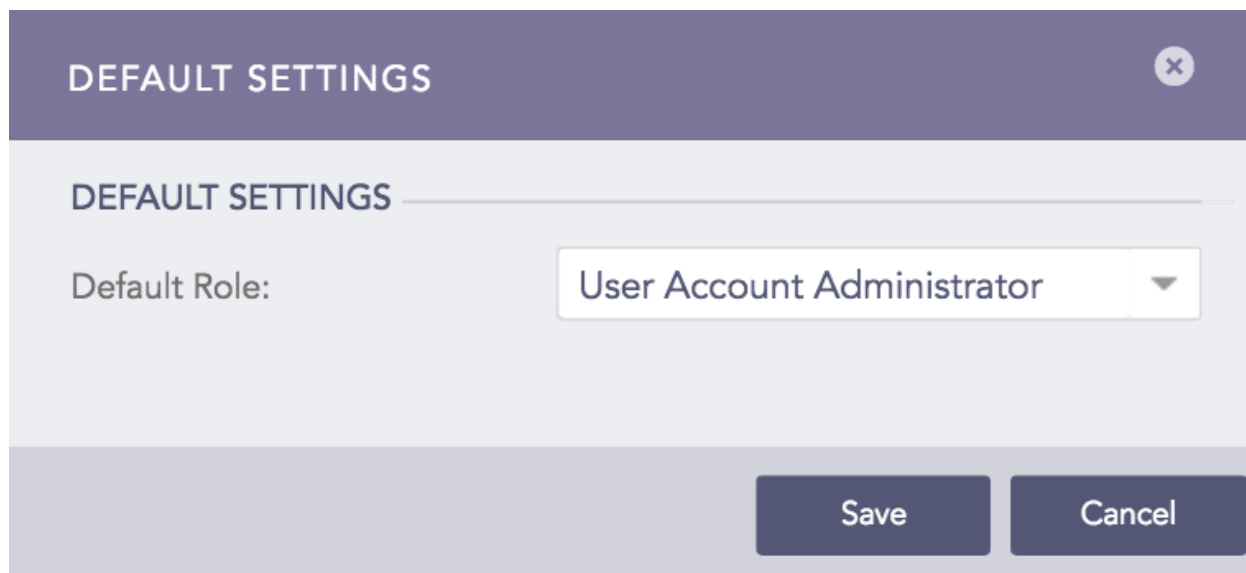
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10. Click **Save**.

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.
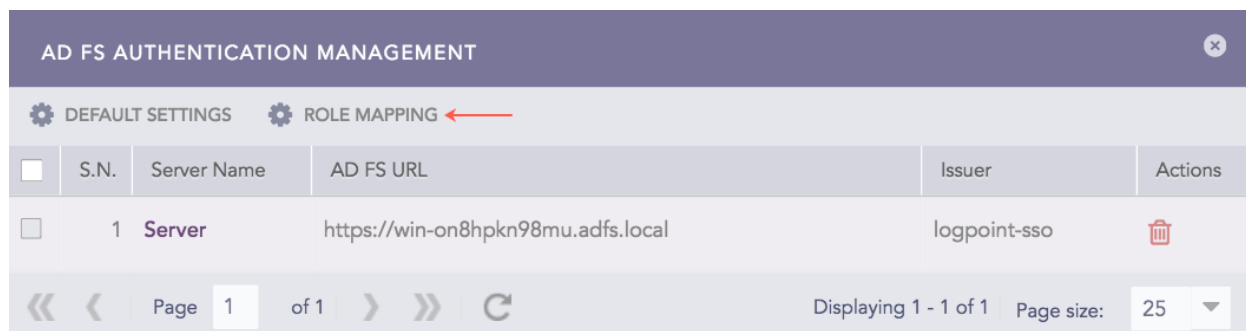
Fig. 5: Default Settings Panel

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**.

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.

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.

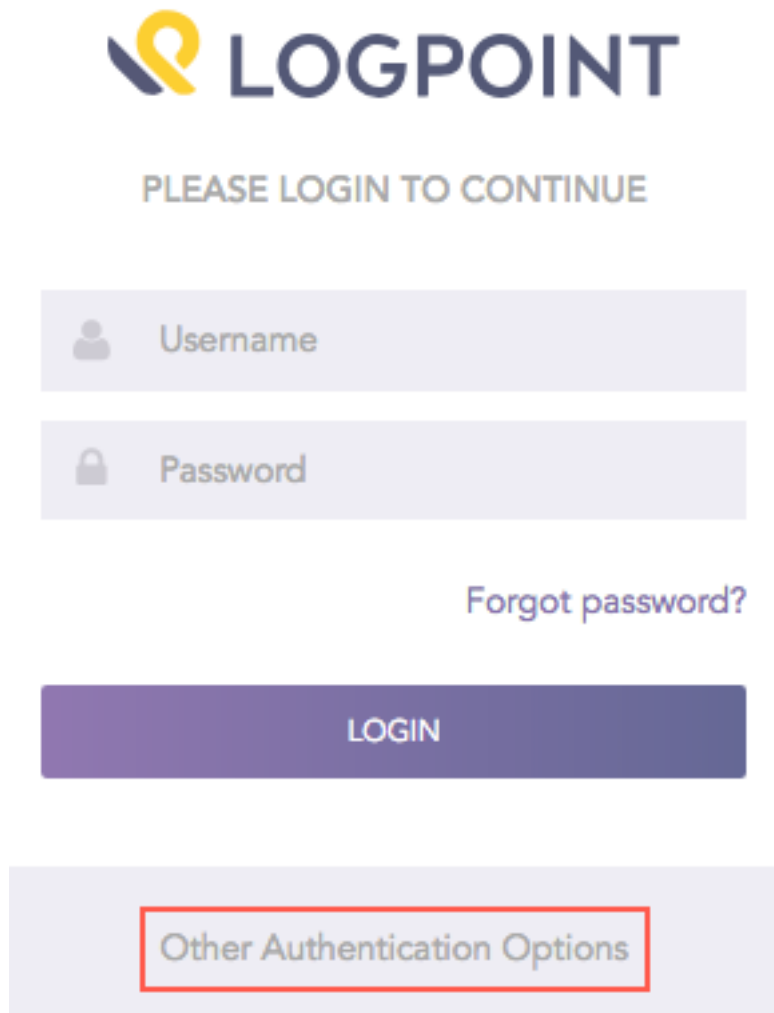Fig. 8: ADFS Role Mapping Added

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.

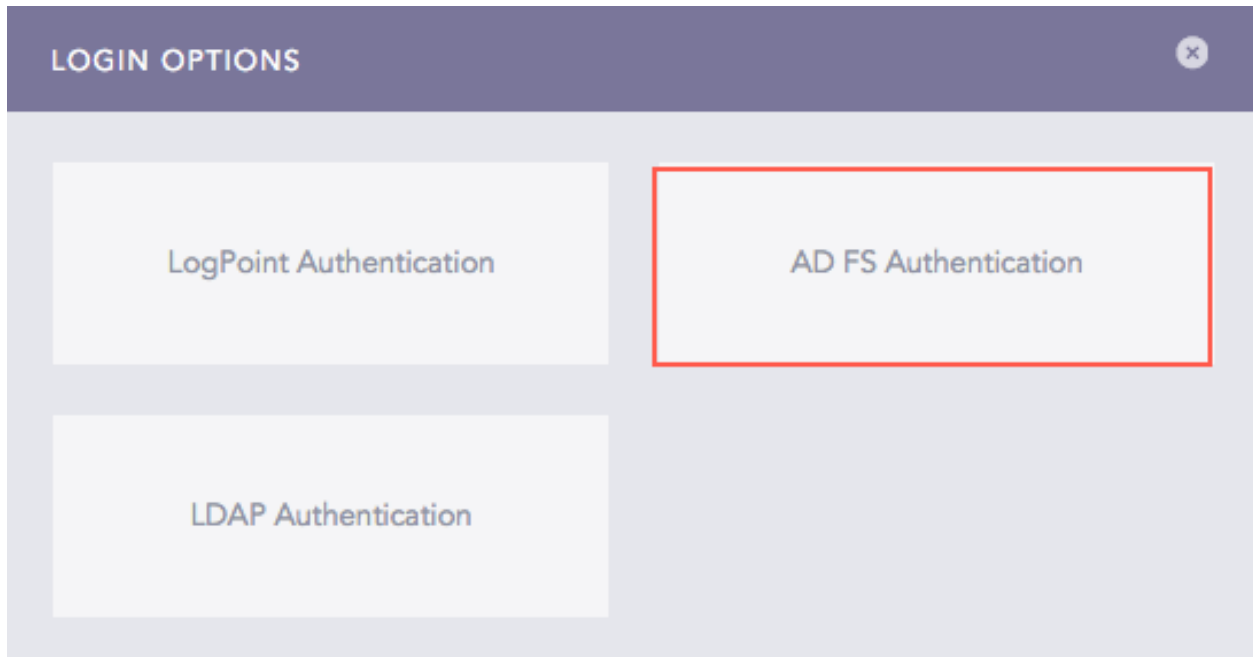Fig. 1: Other Authentication Options

3. Select **AD FS Authentication**.
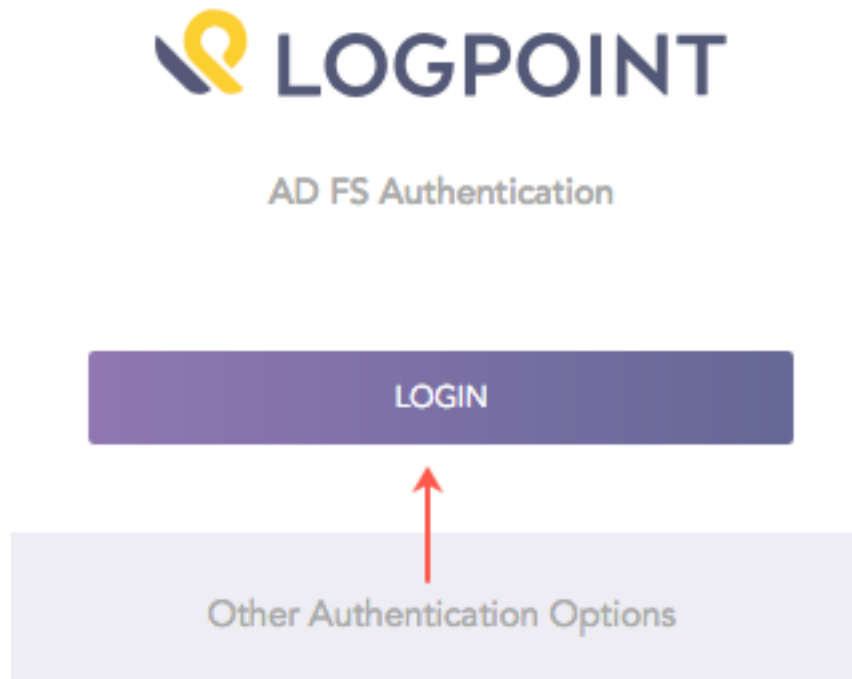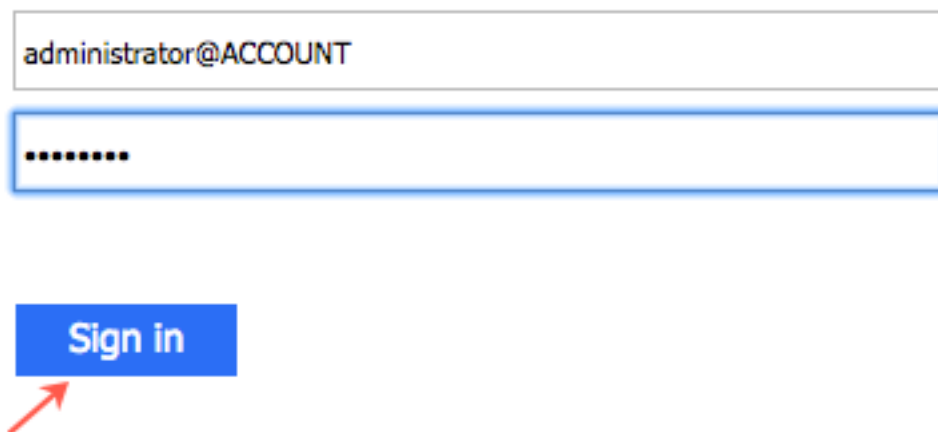
Fig. 2: Login Options

4. Click **Login**.

Fig. 3: ADFS Authentication Login

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

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."
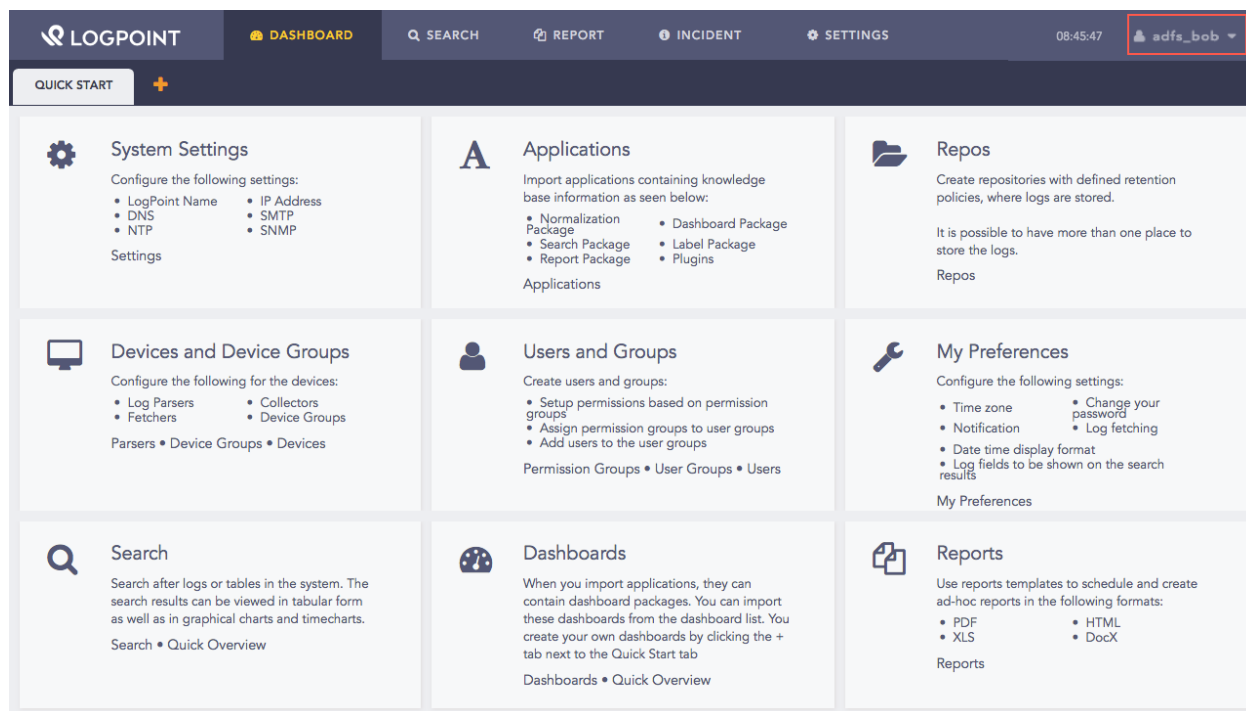
Fig. 5: User Logged In with ADFS Authentication

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.

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**.

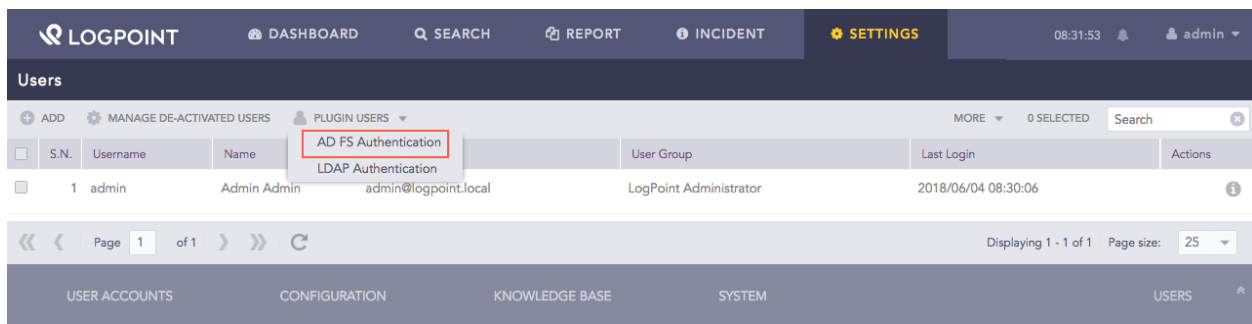3. In the **Plugin Users** drop-down menu, click **AD FS Authentication**.
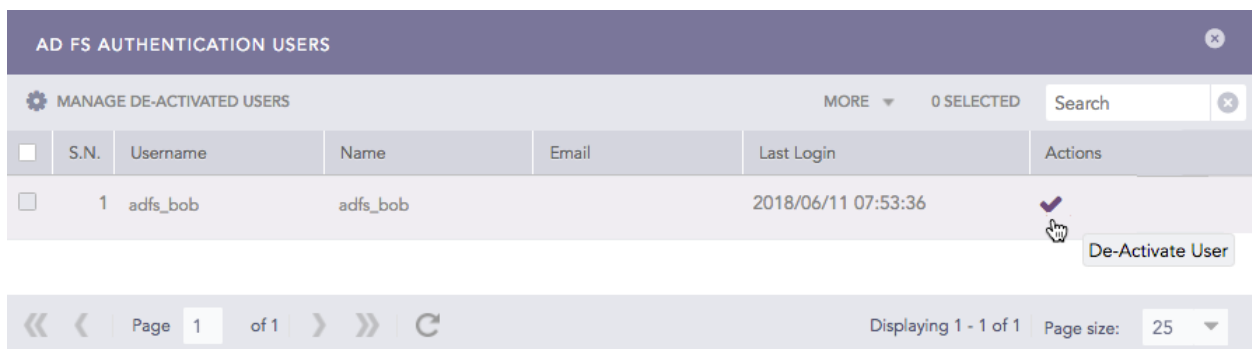

Fig. 1: Plugin Users

Fig. 2: De-Activate ADFS Users

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

5. Click **Yes**.

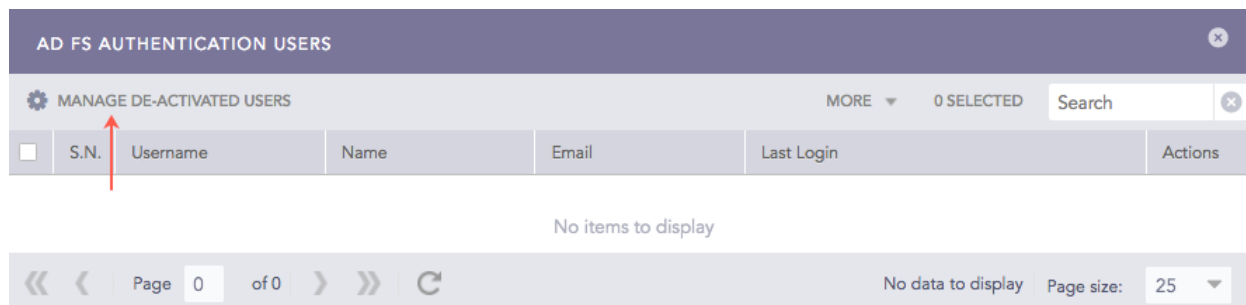6. Click **Manage De-Activated Users**.

Fig. 3: Manage De-Activated ADFS Users

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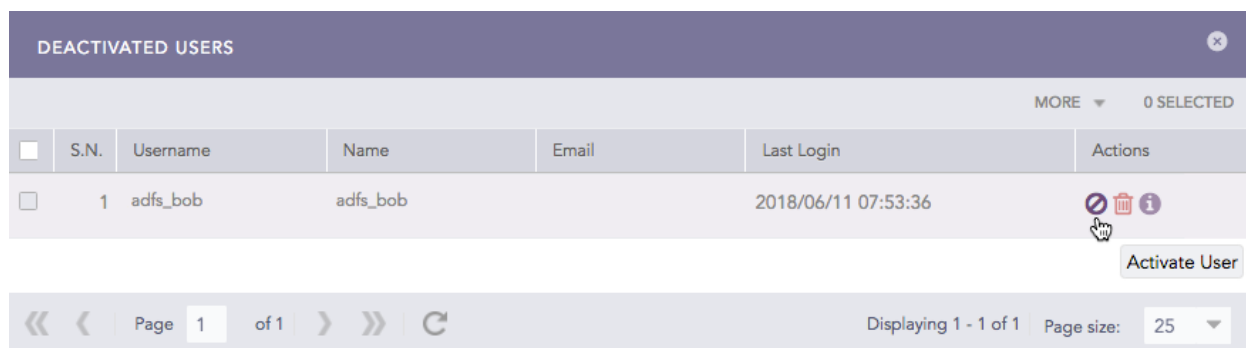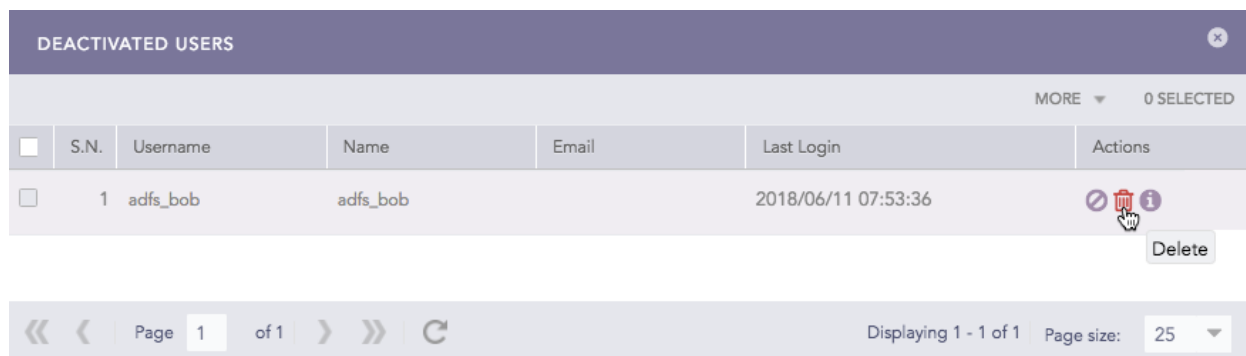

Fig. 4: Activate the De-Activated ADFS User

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

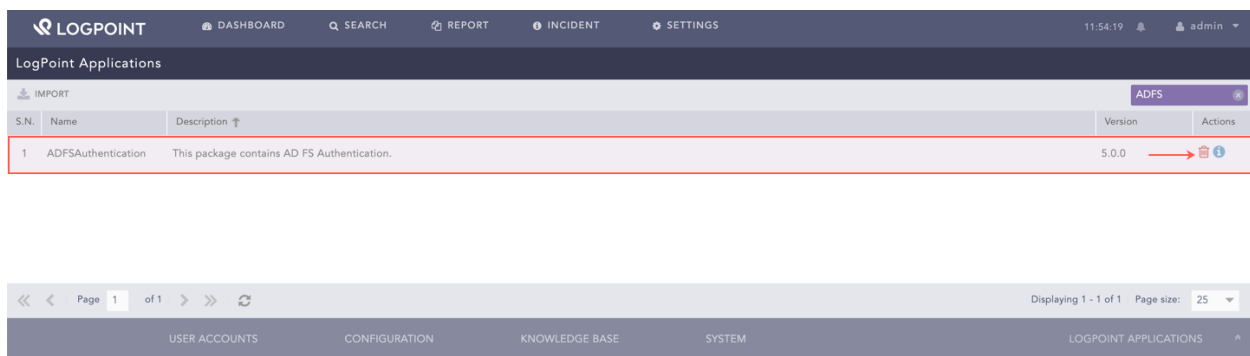Fig. 1: Uninstall ADFS Authentication

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
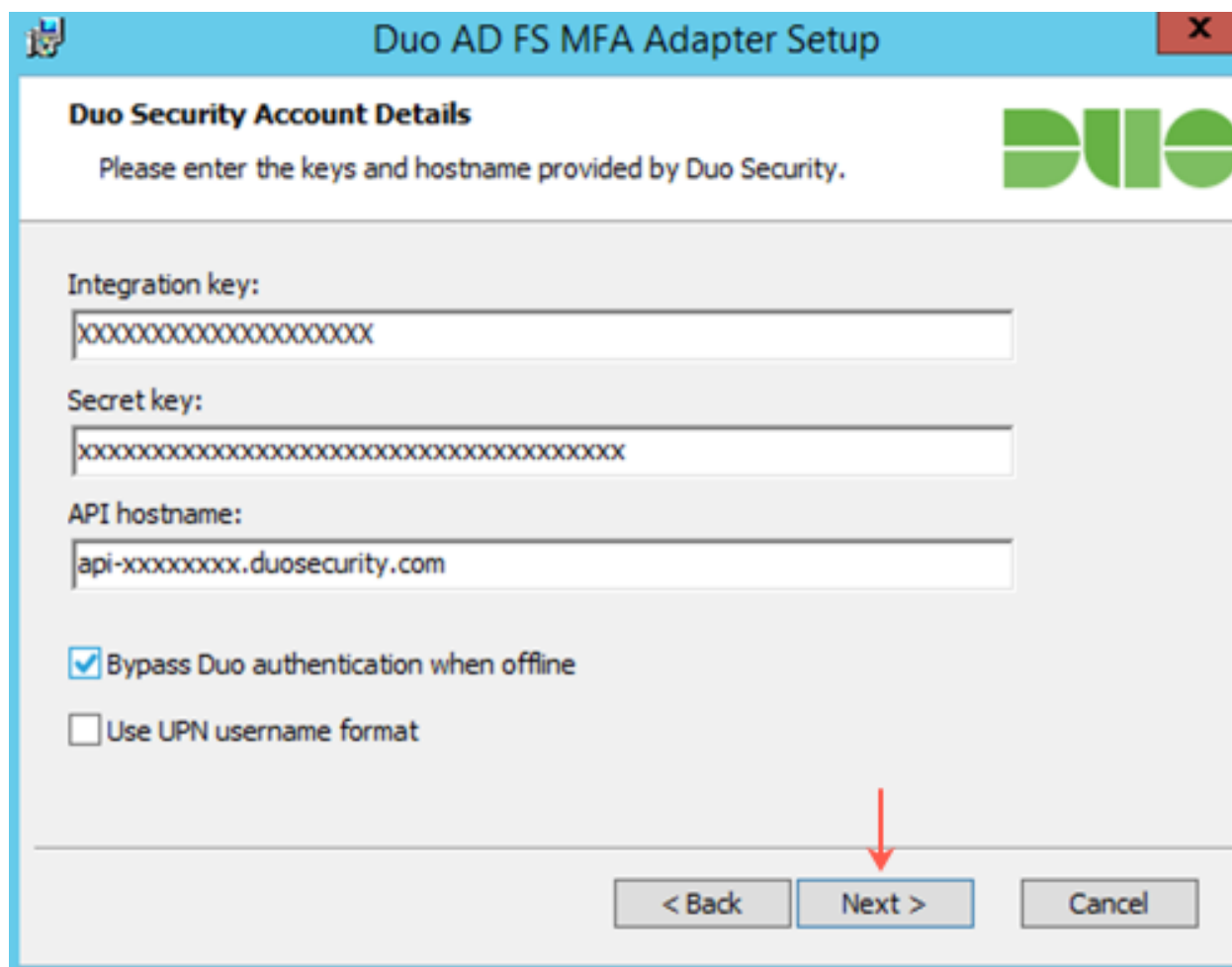
2. Click **Next**.

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.
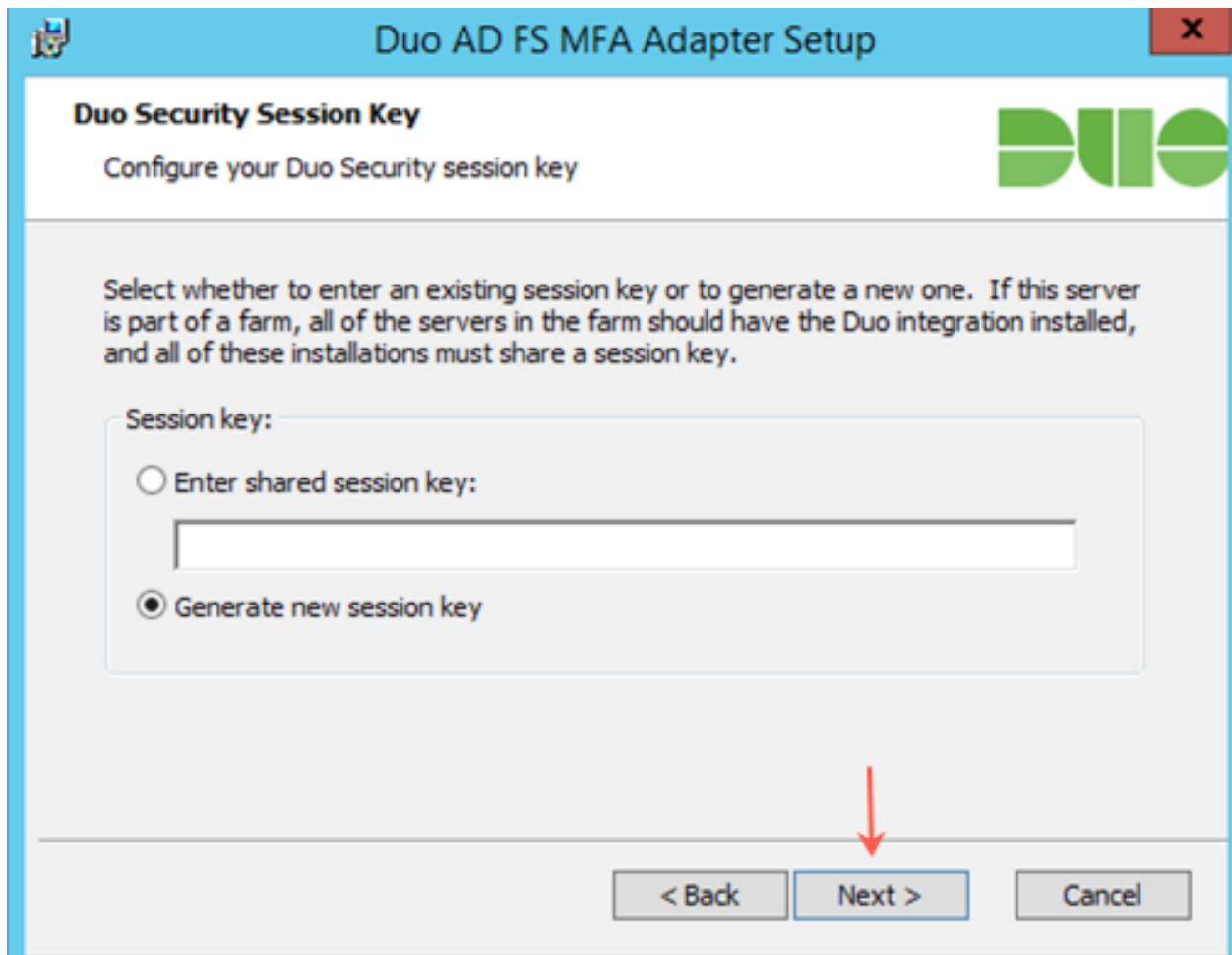
7. Click **Next**.

Fig. 3: Generating New Duo Security Session Key

8. Select **Generate new session key**.
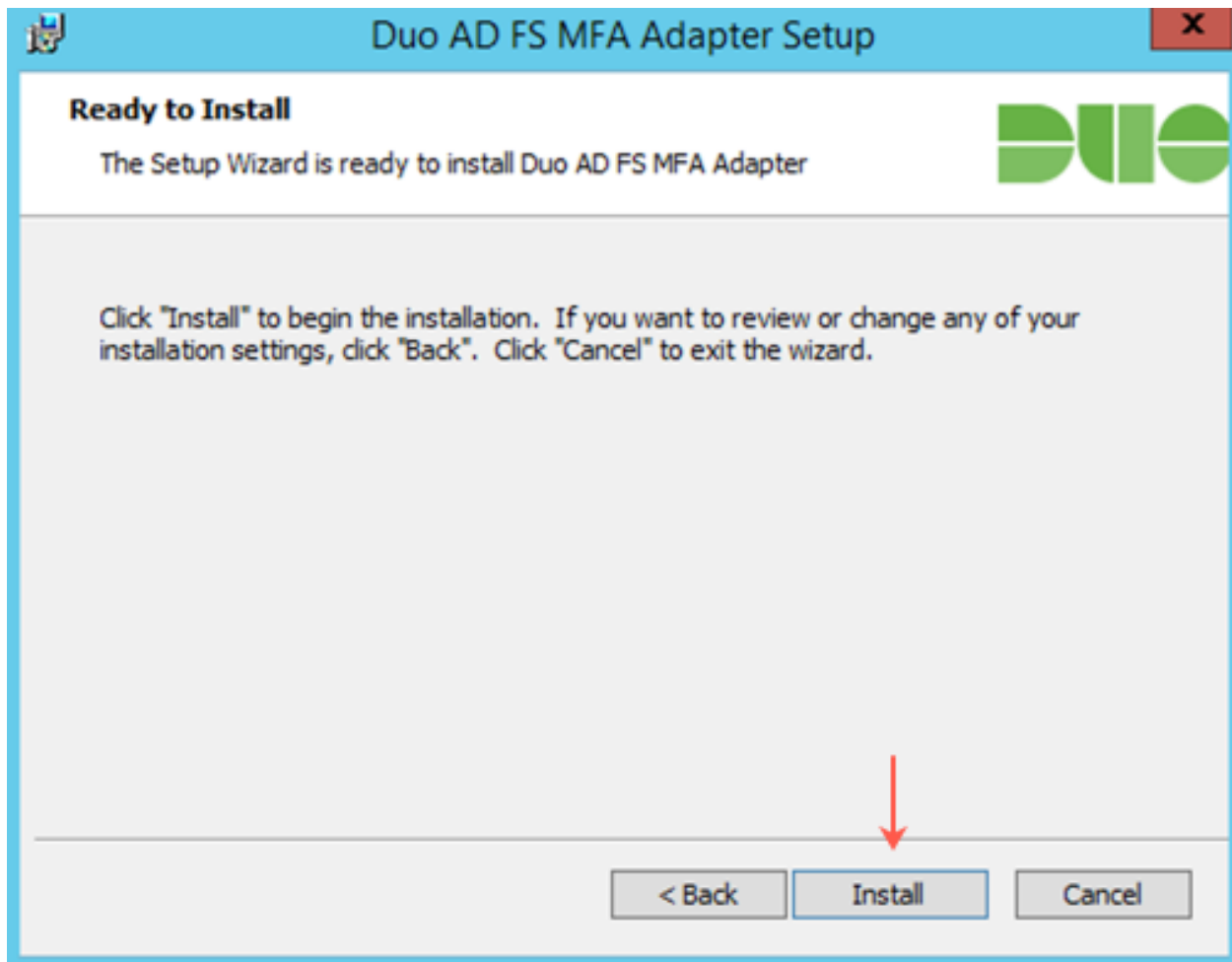
9. Click **Next**.

Fig. 4: Installing Duo AD FS MFA Adapter
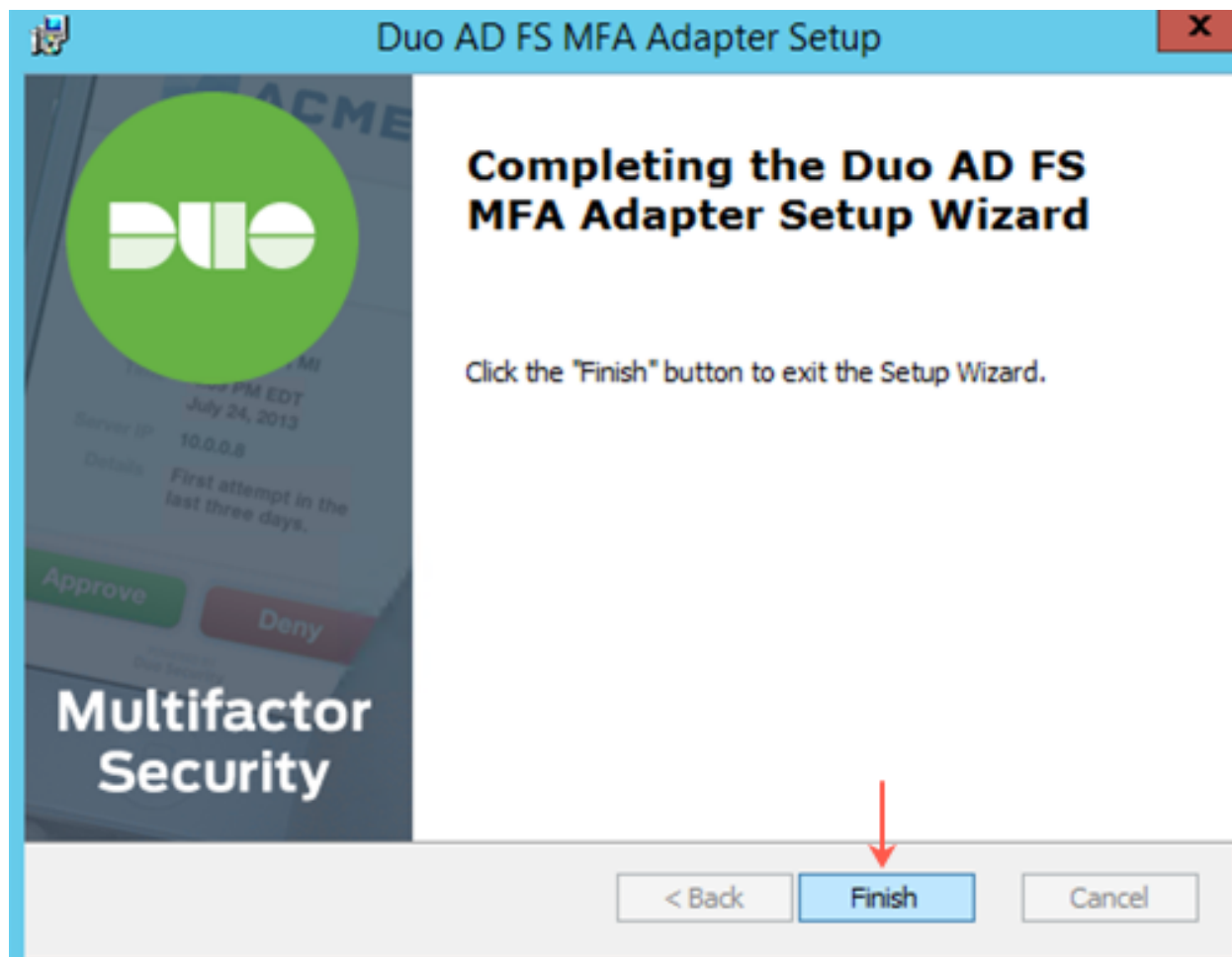
10. Click **Install**.

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*.

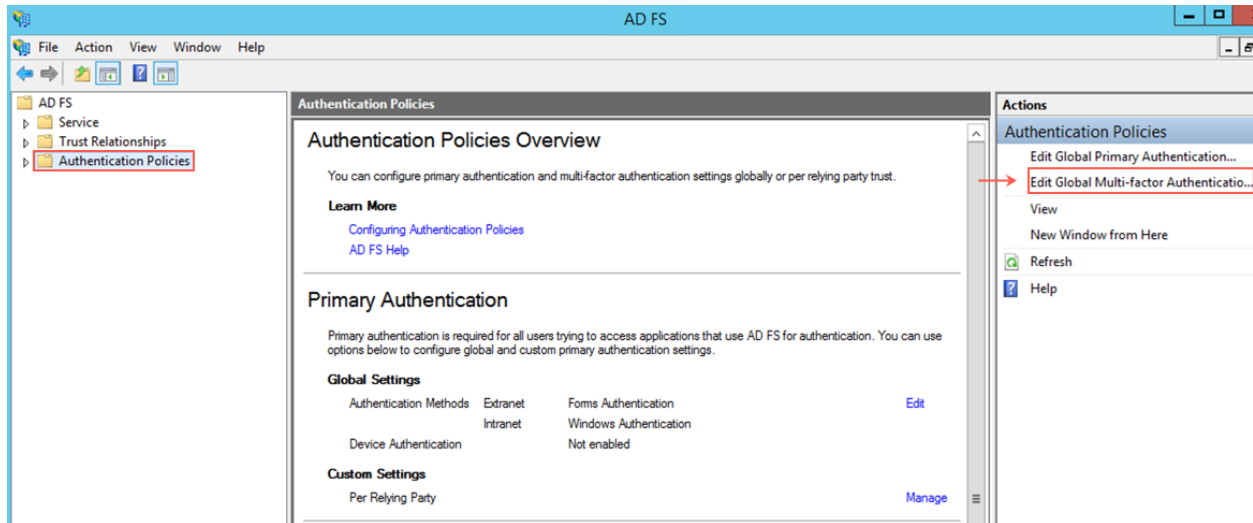2. Click **Edit Global Multi-factor Authentication**.
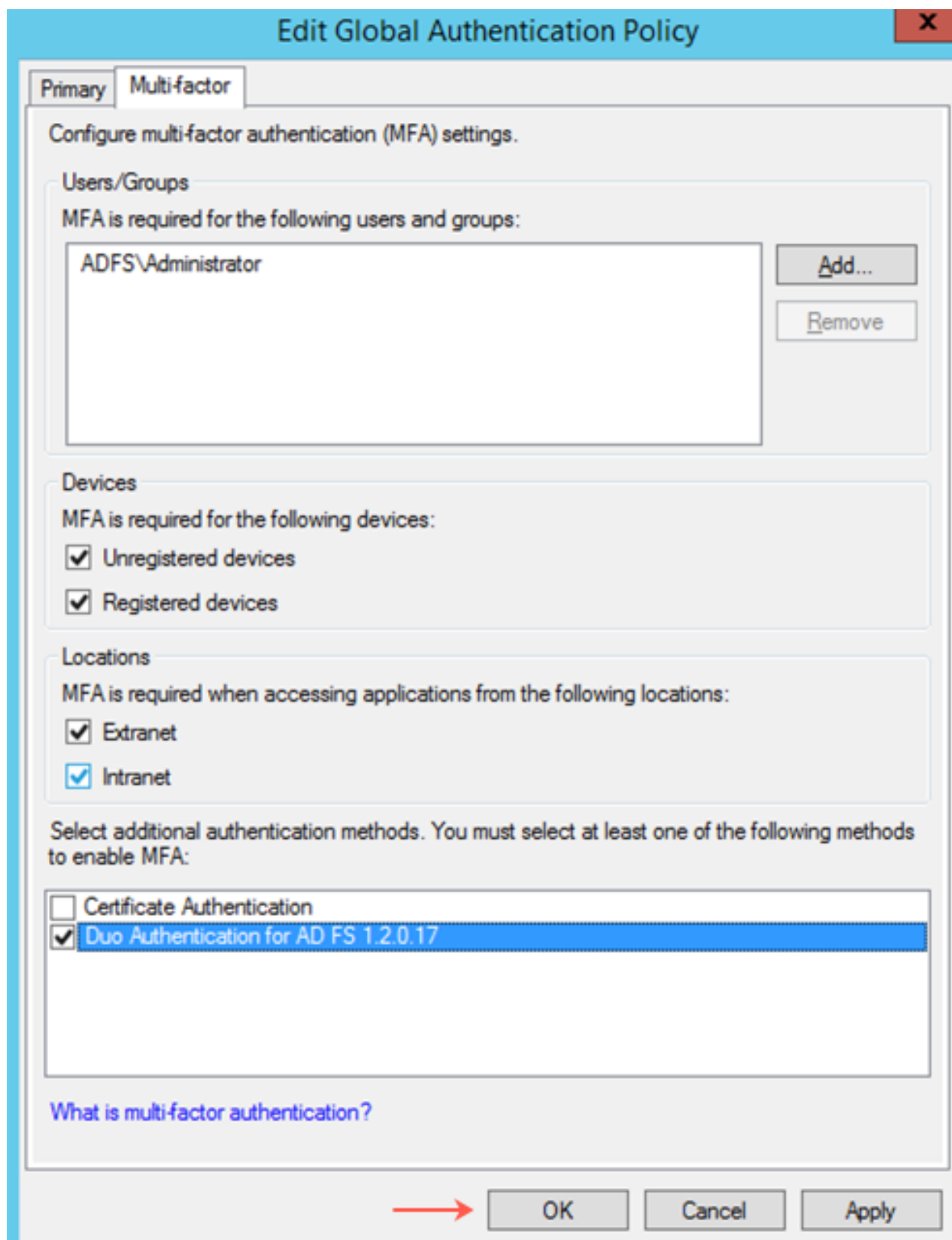
Fig. 6: Authentication Policies

Fig. 7: Edit Global Authentication Policy Panel

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

4. Click **OK**.