

Authenticating And Importing Users With AD and LDAP In Nagios Fusion 2026R2

Purpose

This document describes how to authenticate and import users with Active Directory (AD) and LDAP in Nagios Fusion 2026R2.

Prerequisites

You will need the following prerequisites to follow the documentation:

- Nagios Fusion 2026R2
- Either of the following:
 - A separate Microsoft Windows-based AD infrastructure that is accessible to the Nagios Fusion machine
 - A separate LDAP infrastructure (like OpenLDAP) that is accessible to the Nagios Fusion machine

Nagios Fusion DNS Resolution

It is assumed that the DNS settings for your Nagios Fusion server use DNS servers that are either:

- Domain Controllers (DC) in your AD domain
- Capable of resolving the DNS entries used to contact your LDAP server(s)

If you are having issues, you can edit the `resolv.conf` file to use a DNS server within the AD infrastructure as the primary name server.

- Edit the `resolv.conf` file in a text editor:

```
vi /etc/resolv.conf
```

- Before all other lines starting with `nameserver`, enter the following:

```
nameserver [IP address of DNS server]
```

Caching options in PHP may prevent changes to `resolv.conf` from taking effect and require restarting the Apache service. If you do edit the file, you will need to restart the Apache web server:

RHEL | CentOS | Oracle Linux

```
systemctl restart httpd.service
```

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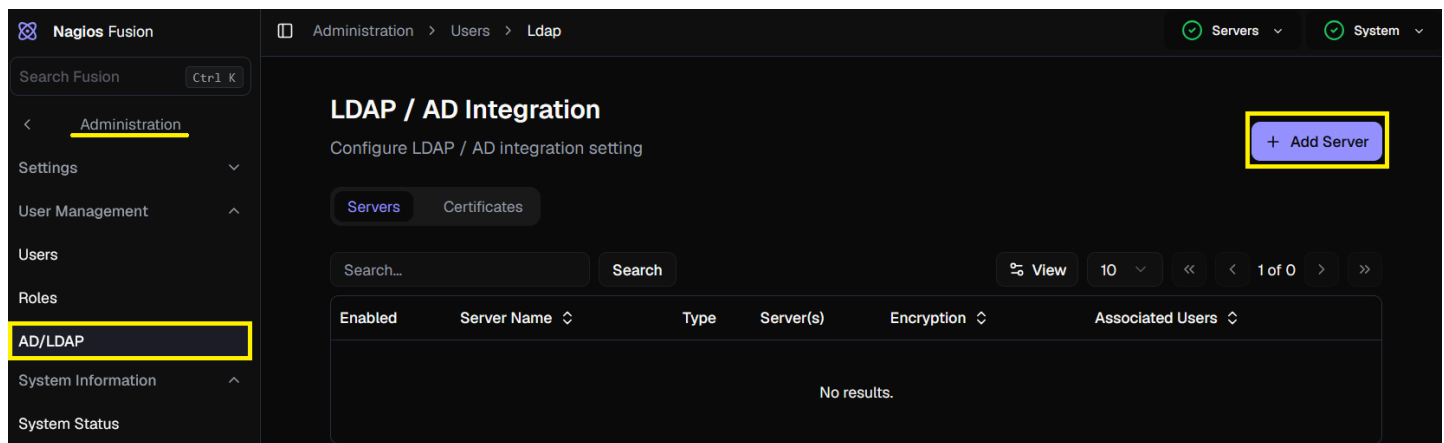
Debian | Ubuntu

```
systemctl restart apache2.service
```

Be aware that the `/etc/resolv.conf` file can be automatically overwritten by the networking stack in RHEL/CentOS. Please consult the RHEL/CentOS documentation for more information on correctly configuring the DNS servers for Linux.

Configuring The Authentication Servers

First you must configure the Authentication Server(s) that Nagios Fusion will use. Navigate to **Administration > User Management > AD/LDAP**.



To add an Authentication Server, click the **Add Server** button. There are different options for [Active Directory](#) and [LDAP](#).

Active Directory

You will need to provide the following details:

- **Type: Active Directory**
- **Name: (identifiable name for your server)**
- **Base DN:**
 - An LDAP formatted string where the users are located.
 - Example: `DC=B0X293, DC=local`

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- **Account Suffix:**

- An `@your-domain.suffix` (the part of the full user identification after the username).
- Example: `@BOX293.local`

- **Domain Controllers:**

- A comma separated list of DC servers that Nagios Fusion can use to authenticate against. This can be a combination of IP addresses, short names, and fully qualified domain names.
- **Note:** When using SSL or TLS for security, it is important that these entries match the Common Name (CN) in the SSL/TLS's certificate that these DCs will present to Nagios Fusion.
- Example: `dc01.box293.local,dc02.box293.local`

- **Encryption:**

Configuring encrypted communication with your AD Server is highly recommended for maximum security. Choosing **None** here is extremely insecure. You can learn more about using SSL/TLS with AD here:

[Using SSL with AD and LDAP in Nagios Fusion](#)

- Select the encryption method (or not) to use. This guide will choose **SSL/TLS**.
- If you are in a domain forest that has been raised to a functional level of 2012, then TLS is needed along with additional steps in the above guide.

Add LDAP/AD Server
Add an authentication server here.

Type Active Directory

Name
For organizational purposes only. This will not affect the connection to the server. Fusion AD

Base DN
The base distinguished name (DN) where user accounts are located, such as DC=nagios,DC=com. DC=BOX293, DC=local

Account Suffix
The part of the full user identification after the username. @awesomecompany.tld

Domain Controllers
Can be single, or comma separated. dc01.box293.local,dc02@box293.local

Encryption
The encryption method to use when connecting to the LDAP server. If using SSL/TLS, you will need to provide a certificate on the Certificates tab. SSL/TLS

Cancel Submit

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Once complete, click the **Submit** button. You can now proceed to the [Importing Users](#) section.

LDAP

You will need to provide the following details:

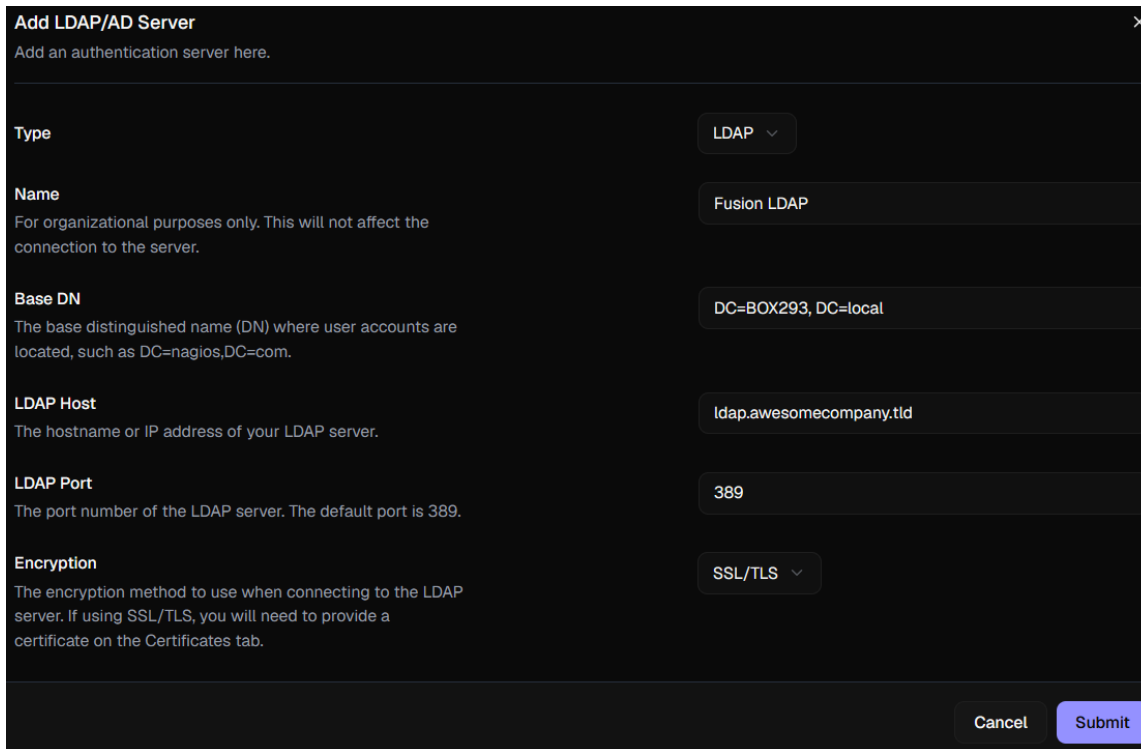
- **Type: LDAP**
- **Name: (identifiable name for your server)**
- **Base DN:**
 - An LDAP formatted string where the users are located.
 - Example: `DC=box293,DC=local`
- **LDAP Host:**
 - The LDAP server that Nagios Fusion can use to authenticate against. This can be an IP address, short name or fully qualified domain name.
 - **Note:** When using SSL or TLS for security, it is important that this entry matches the Common Name (CN) in the SSL/TLS's certificate that this LDAP server will present to Nagios Fusion.
 - Example: `ldap01.box293.local`
- **LDAP Port:**
 - The TCP network port used to communicate with the LDAP server.
 - Example: `389`
- **Encryption:**

Configuring encrypted communication with your LDAP Server is highly recommended for maximum security. Choosing **None** here is extremely insecure. You can learn more about using SSL/TLS with LDAP here:

[Using SSL with AD and LDAP in Nagios Fusion](#)

 - Select the security method (or not) to use. This guide will choose **SSL/TLS**.

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Add LDAP/AD Server

Add an authentication server here.

Type LDAP

Name Fusion LDAP
For organizational purposes only. This will not affect the connection to the server.

Base DN DC=BOX293, DC=local
The base distinguished name (DN) where user accounts are located, such as DC=nagios,DC=com.

LDAP Host ldap.awesomecompany.tld
The hostname or IP address of your LDAP server.

LDAP Port 389
The port number of the LDAP server. The default port is 389.

Encryption SSL/TLS
The encryption method to use when connecting to the LDAP server. If using SSL/TLS, you will need to provide a certificate on the Certificates tab.

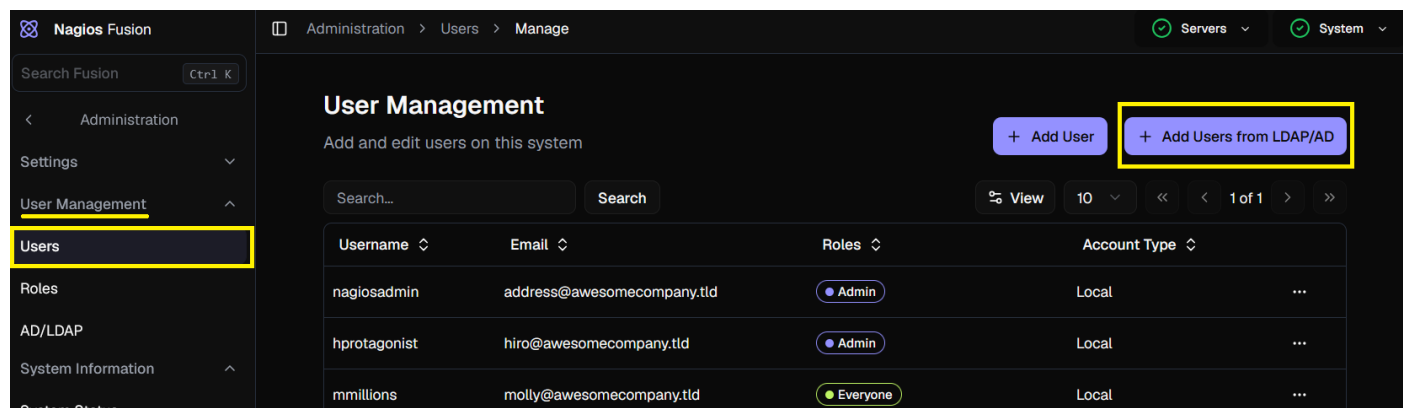
Cancel Submit

Once complete, click the **Submit** button. You can now proceed to the [Importing Users](#) section.

Importing Users

The next step is to import users from Active Directory or LDAP. Once the user has been imported, Nagios Fusion will query the DCs or LDAP server each time the user logs in to validate credentials. The following steps are the same for Active Directory or LDAP.

1. Navigate to **Administration > User Management > Users** and click the **+Add Users From LDAP/AD** button.



Nagios Fusion

Administration > Users > Manage

Search Fusion Ctr+K

Administration

Settings

User Management

Users

Roles

AD/LDAP

System Information

System Status

User Management

Add and edit users on this system

+ Add User + Add Users from LDAP/AD

Search... Search

View 10 1 of 1

Username	Email	Roles	Account Type
nagiosadmin	address@awesomecompany.tld	Admin	Local
hprotagonist	hiro@awesomecompany.tld	Admin	Local
mmillions	molly@awesomecompany.tld	Everyone	Local

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2. Select the authentication server(s) you previously defined and provide credentials to connect to the server(s).

The account credentials you are providing here are only required to authenticate against AD/LDAP to retrieve the directory contents. They are not saved or used in actual user authentication.

3. Click **Next**.

LDAP / Active Directory Import Users

Log into your LDAP / Active Directory administrator or privileged account to be able to import users directly into Nagios Fusion.

Server *

Select a server

Select the authentication server you previously configured

Username *

Username

Admin credentials are only used to browse directory contents, not stored

Password *

Password

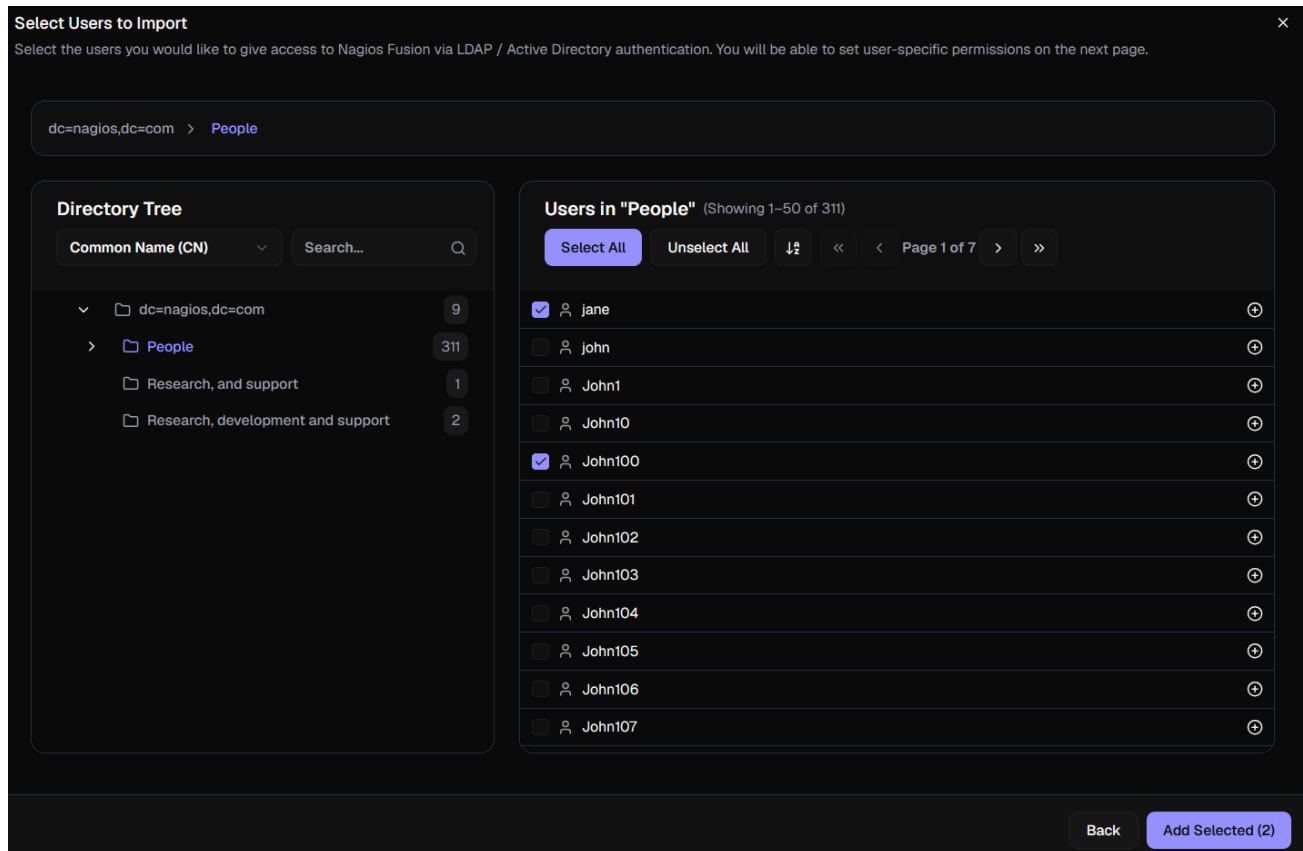
Cancel

Next

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4. Once you've successfully authenticated, you'll be presented with the node of your directory tree (relative to the Base DN that was defined).

In the screenshot, the **People** node is selected. The users **jane** and **John100** have been selected to import, and the Add Selected button reflects the current number of users selected.



5. When you've chosen all the users to import, click the **Add Selected Users** button.

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- On the next screen, you'll see a list of users selected for import along with the ability to select which Roles (sets of permissions) the user should be. You can learn more about Roles here, starting on page 3:

[Managing Users and Roles in Nagios Fusion](#)

If any data is still needed to form a complete user, it will be indicated as seen here, where no **Email** is present for John100. Note the *Incomplete* **Status** on the far right.

LDAP / Active Directory Import Users

Review and configure settings for selected users. Complete all required fields before importing.

Selected Users: 2 1 1

☒	Display Name	Username *	Email *	Roles	Auth Type	Status
☒	jane	jane	jane@awesomecompany	Admin ×	AD	Ready
☒	John100	John100		Everyone ×	AD	Incomplete

- Click **Create Users**.

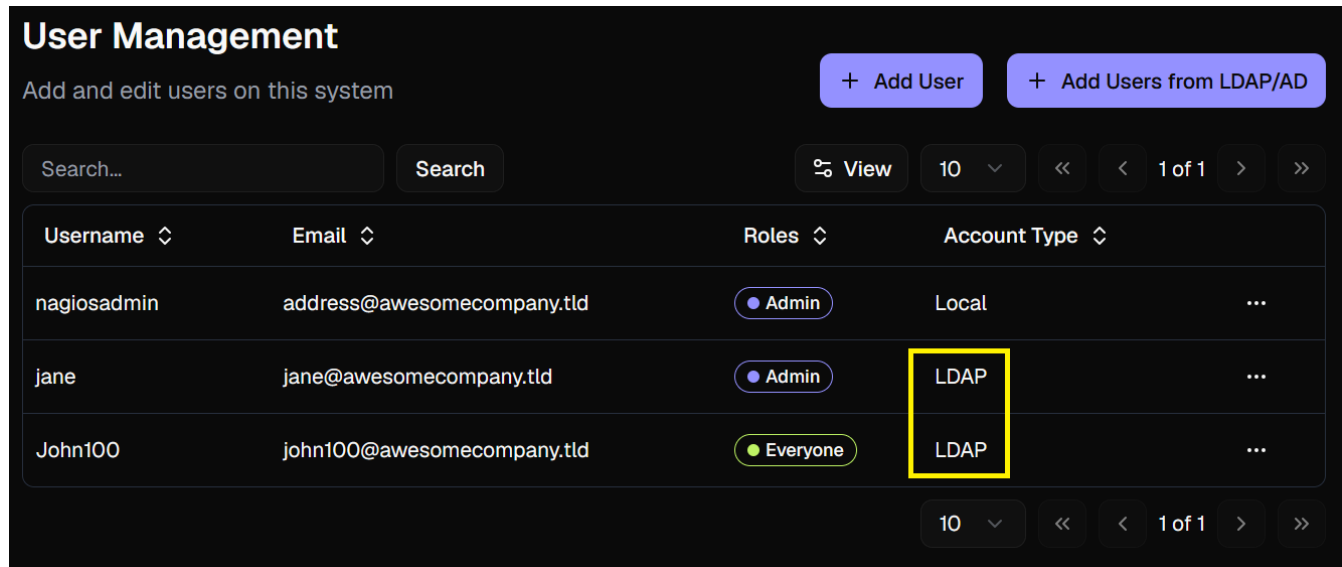
The user accounts will now be imported into Nagios Fusion.

Once complete, you will be informed that it was successful.



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Once imported, the users will appear on the **Admin > Users > User Management** page and their authentication method will be indicated in the **Authentication Type** column.



The screenshot shows the 'User Management' page in Nagios Fusion. At the top, there are two buttons: '+ Add User' and '+ Add Users from LDAP/AD'. Below these is a search bar with the text 'Search...' and a 'Search' button. To the right of the search bar are pagination controls: 'View', '10', '<<', '<', '1 of 1', '>', and '>>'. The main part of the page is a table with four columns: 'Username', 'Email', 'Roles', and 'Account Type'. The table contains three rows of user data. The 'Account Type' column for the second and third rows is highlighted with a yellow box, showing 'LDAP'.

Username	Email	Roles	Account Type
nagiosadmin	address@awesomecompany.tld	Admin	Local
jane	jane@awesomecompany.tld	Admin	LDAP
John100	john100@awesomecompany.tld	Everyone	LDAP

This completes importing users into Nagios Fusion from AD/LDAP.

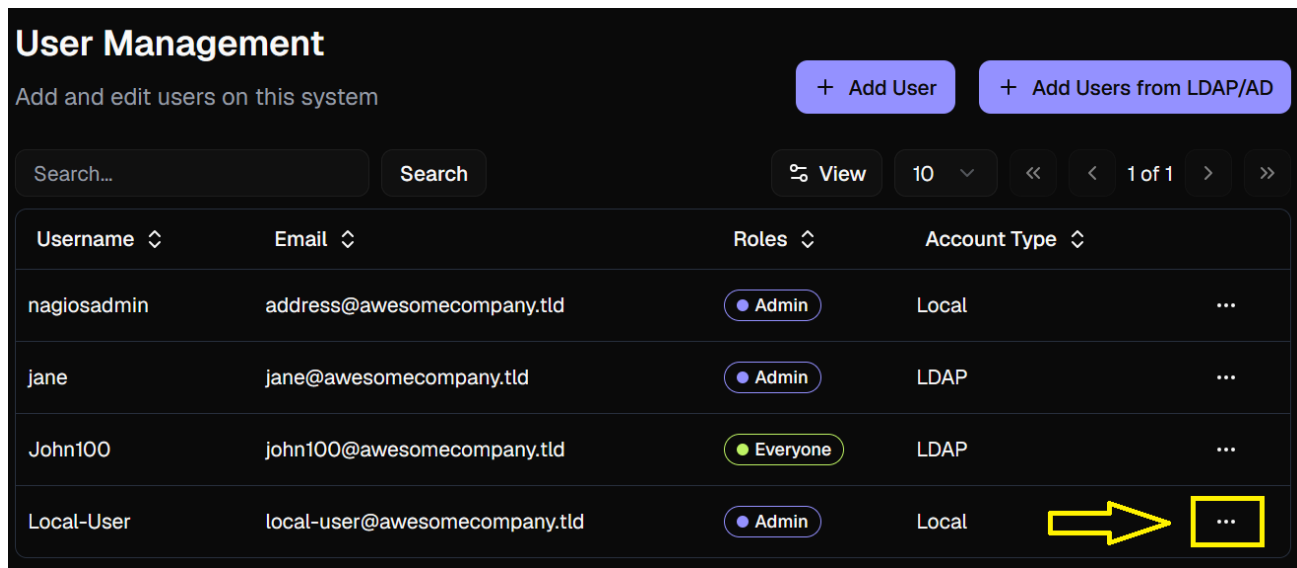
In the following section, we'll discuss linking existing locally authenticated users to AD/LDAP.

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Linking Existing Nagios Fusion Users to Active Directory Users

If you already have Nagios Fusion users that have been created, you can easily link these local accounts to Active Directory accounts.

1. Navigate to **Admin > Users > User Management**.
2. Click the **Actions** icon for the user you want to update, and choose **Edit**.



User Management
Add and edit users on this system

[+ Add User](#) [+ Add Users from LDAP/AD](#)

Search... [Search](#) [View](#) 10 [1 of 1](#)

Username	Email	Roles	Account Type	
nagiosadmin	address@awesomecompany.tld	Admin	Local	...
jane	jane@awesomecompany.tld	Admin	LDAP	...
John100	john100@awesomecompany.tld	Everyone	LDAP	...
Local-User	local-user@awesomecompany.tld	Admin	Local	...

3. Flip the LDAP/AD Authentication toggle to ON, and enter the required details:
 - **LDAP / AD Server:** choose the AD Server to connect to.
 - **LDAP Base DN:**
 - Type the distinguished name used to authenticate this user
Example: dc=example, dc=com
4. Click the **Submit** button to save the changes.

Once these changes have been made, the existing Nagios Fusion user will be able to log in using their Active Directory credentials.

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Linking Existing Nagios Fusion Users to LDAP Users

If you already have Nagios Fusion users that have been created, you can easily link these local accounts to LDAP accounts.

1. Navigate to **Admin > Users > User Management**.
2. Click the **Actions** icon for the user you want to update, and choose **Edit**.
3. Flip the LDAP/AD Authentication toggle to ON, and enter the required details:
 - **LDAP / AD Server:** choose the LDAP Server to connect to.
 - **LDAP Base DN:**
 - Type the full distinguished name (DN) for this user as it is defined in LDAP
 - Example: `uid=bobsmith,ou=People,dc=box293,dc=local`
4. Click the **Submit** button to save the changes.

Once these changes have been made, the existing Nagios Fusion user will be able to log in using their LDAP credentials.

Finishing Up

This completes the documentation on Authenticating and Importing Users With AD/LDAP in Nagios Fusion 2026R2. If you have additional questions or other support-related questions, please visit the Nagios Support Forum, Nagios Documentation Hub, or Nagios Library:

[Visit Nagios Support Forum](#)

[Visit Documentation Hub](#)

[Visit Nagios Library](#)