SOPHOS
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Pocket Guide

Configure SFOS to use LDAP server for authentication

Product: Sophos XG Firewall

Contents

Scenario

This guide describes how to integrate Sophos XG Firewall (SFOS) with LDAP (Lightweight Directory Access Protocol) to authenticate users.

Prerequisites

- You must have read-write permissions on the SFOS Admin Console for the relevant features.
- You will need the following LDAP parameters during the integration:
    - LDAP server IP address and port
    - LDAP version
    - LDAP administrator username and password (If Anonymous Login is disabled)
    - Authentication Attribute is used to perform user search. By default, LDAP uses UID attribute to identify user entries.
    - Group Name Attribute, Display Name Attribute, Email Address Attribute and Expire Date Attribute

Configuration

Log in to the SFOS Admin Console.

Step 1: Create the LDAP group (optional)

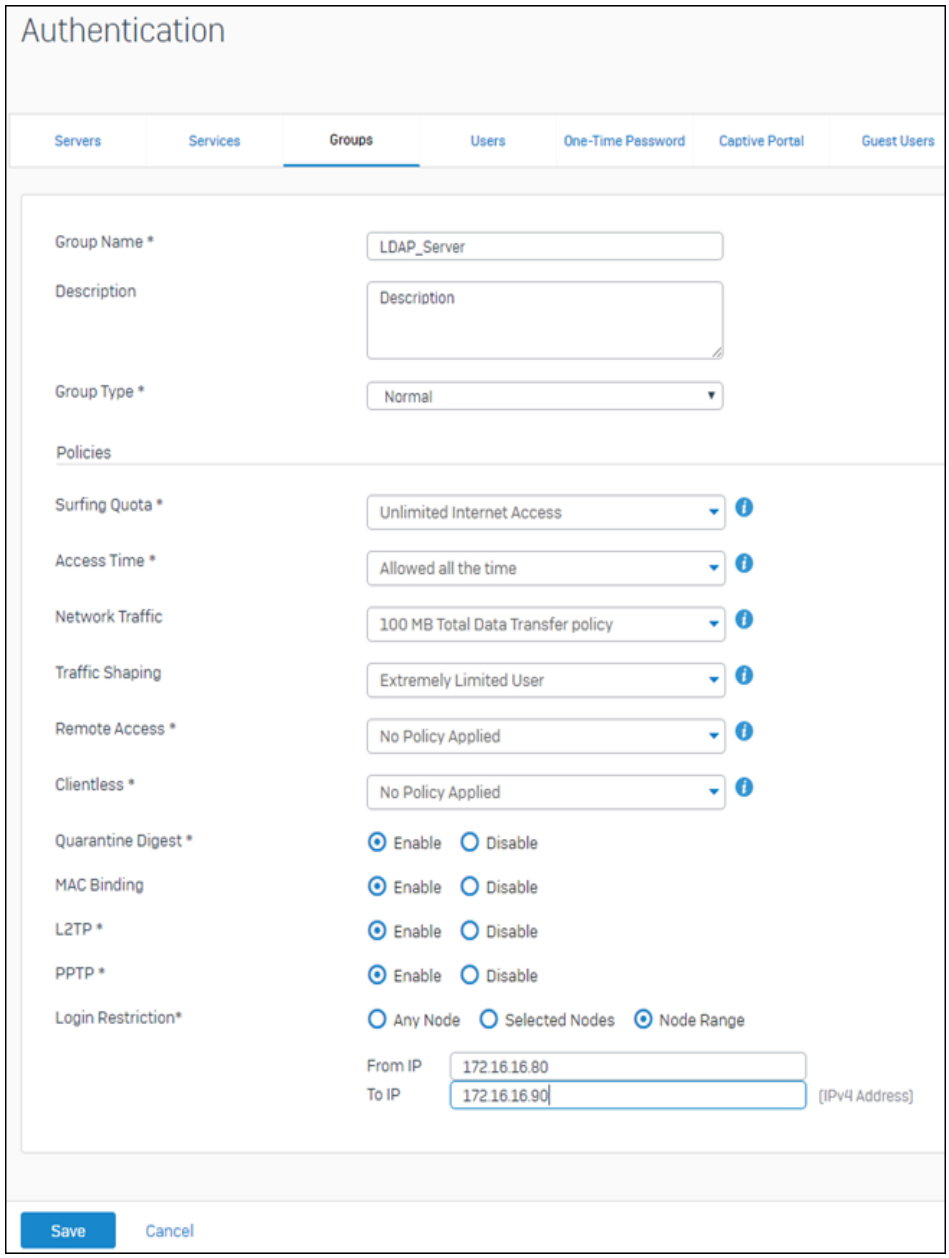
By default LDAP users are added to the Default group of SFOS. If you do not want to add them to the Default group, create a new LDAP group in SFOS. The group is synchronized with the LDAP server at the time of each user's first login.

- Go to **Configure** > **Authentication** > **Groups** and click **Add**.
- Set **Group Type** to **Normal** to log in using the client device; or to **Clientless** to perform access control through IP address.
- You can create, or choose the Policies.
- To override a user's group policy, create or choose **Remote Access** and **Clientless** policies.

Note: **Remote Access**: To deny SSL VPN access, select No Policy Applied.

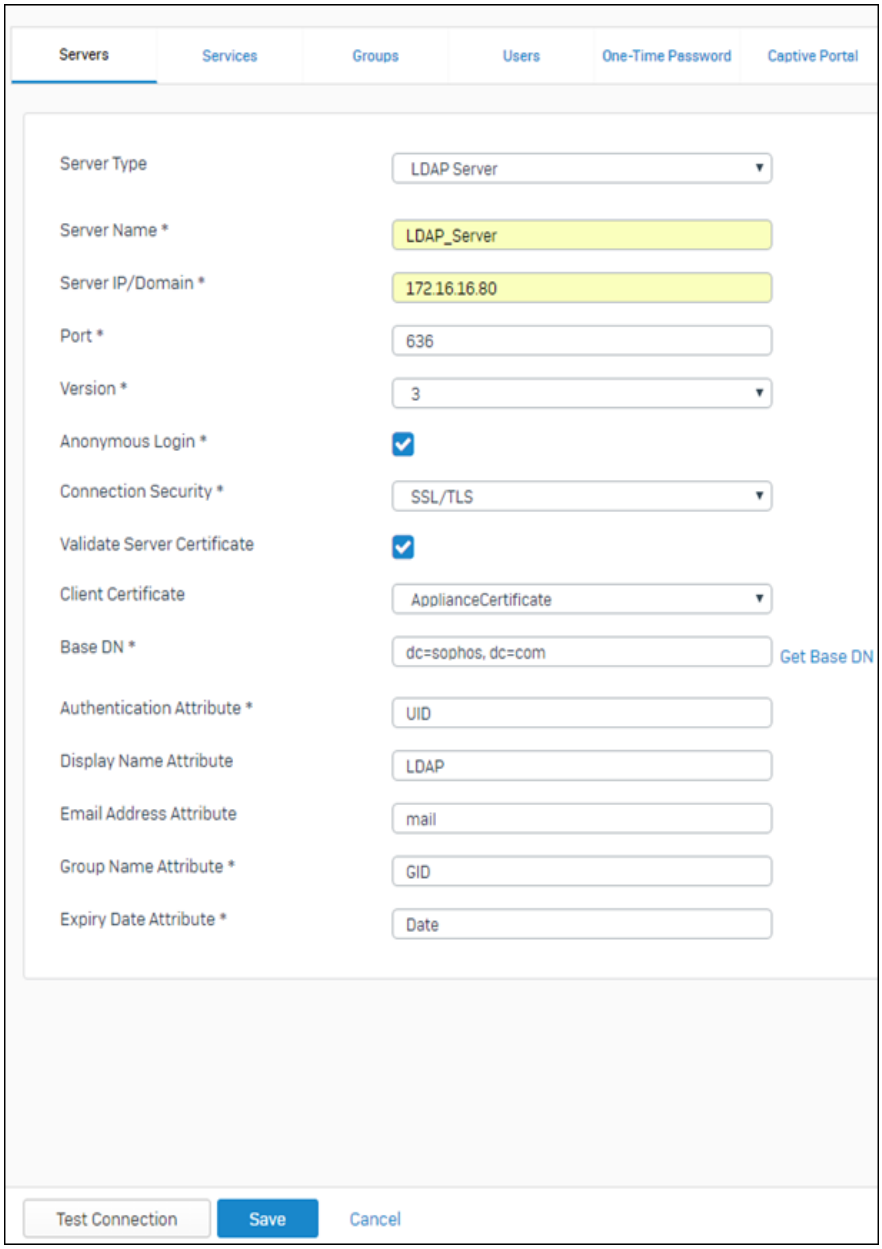
- **Login restriction** allows access from any or specified nodes.

Click **Save**.



Step 2: Configure LDAP authentication

- Go to **Configure** > **Authentication** > **Servers** and click **Add**.
- Set **Server Type** to **LDAP Server**.
- The default **Port** is based on the **Connection Security** that you select. Change the port number, if required.
- For **Connection Security** options **SSL/TLS** or **STARTTLS**, select **Validate Server Certificate**, if required.
- **Client Certificate** is set to the default certificate, change if required.
- Click **Get Base DN** to retrieve it from the LDAP directory.
- To use an attribute other than the default UID, enter the **Authentication Attribute**.

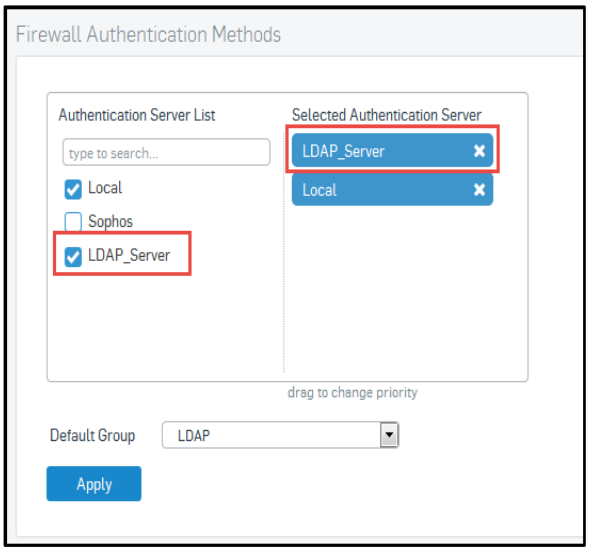


Note:
For **Connection Security** option **Simple**, **username** and **password** are communicated in plain text between **SFOS** and **LDAP**.

Click **Save**.

Step 3: Select LDAP as Authentication Server

- Go to **Configure** > **Authentication** > **Services**
- Within **Firewall Authentication Methods**, go to the **Authentication Server List** and select the **LDAP Server** you have configured in Step 2.
- In the **Selected Authentication Server** list, drag the selected **LDAP server** to the top. This **LDAP server** will act as the primary authentication server.



Click **Apply**.

Result

You have integrated **SFOS** with **LDAP**. All users will be authenticated by this LDAP server.

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