Pocket Guide

Configure SF-OS to use AD Server for authentication

Product: Sophos XG Firewall
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Configure SF-OS to use AD Server for authentication

**Scenario**

This guide describes how to integrate Sophos XG Firewall (SF-OS) with Windows Active Directory (AD) to authenticate users based on groups, domains and organizational units listed within the Active Directory Server (ADS).

**Prerequisites**

- You must have read-write permissions on the SF-OS Admin Console for the relevant features.
- You will need the following SF-OS and AD parameters during the integration:
  - IP address of the SF-OS interface connected to ADS
  - IP address of ADS
  - Administrator username and password for ADS
- To get the following parameters, log in to ADS as Admin. Go to Start > Programs > Administrative Tools > Active Directory Users and Computers.
  - NetBios domain name
  - FQDN (example: sophos.com)
  - Search DN (example: dc=sophos, dc=com)
Configuration

Log in to the SF-OS Admin Console.

Step 1: Configure Active Directory

- Go to Configure > Authentication > Servers and click Add.
- Set Server Type to Active Directory.
- Enter the NetBIOS Domain, Display Name Attribute and Email Name Attribute from the ADS.
- The default Port is based on the Connection Security option that you select. Change the port number, if required.
- For Connection Security options SSL/TLS or STARTTLS, select Validate Server Certificate, if required.

Note:
For Connection Security option Simple, **username** and **password** are communicated in plain text between SF-OS and ADS.

Click Save.
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Step 2: Select AD as the Primary Authentication Method

- Go to Configure > Authentication > Services.
- Within Firewall Authentication Methods, go to the Authentication Server List and select the ADS you have configured in Step 1.
- In the Selected Authentication Server list, drag the selected ADS to the top position. This ADS will act as the primary authentication server.

Note:
The default authentication server [Local] is SF-OS.

Click Apply.

Results

You have configured ADS as your primary authentication server. All users will be authenticated by this ADS.
Suggested Reading

Import Active Directory Groups using Wizard.
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