SOPHOS
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Pocket Guide

Configure SFOS to use RADIUS Server for authentication

Product: Sophos XG Firewall

Contents

Overview

This guide describes how to integrate Sophos XG Firewall (SFOS) with RADIUS (Remote Authentication Dial in User Service) to provide authentication, authorization, and accounting to users against a central database.

Prerequisites

- You must have read-write permissions on the SFOS Admin Console for the relevant features.
- You will need the following RADIUS parameters during the integration:
    - IP address
    - Shared secret
    - Administrator username and password

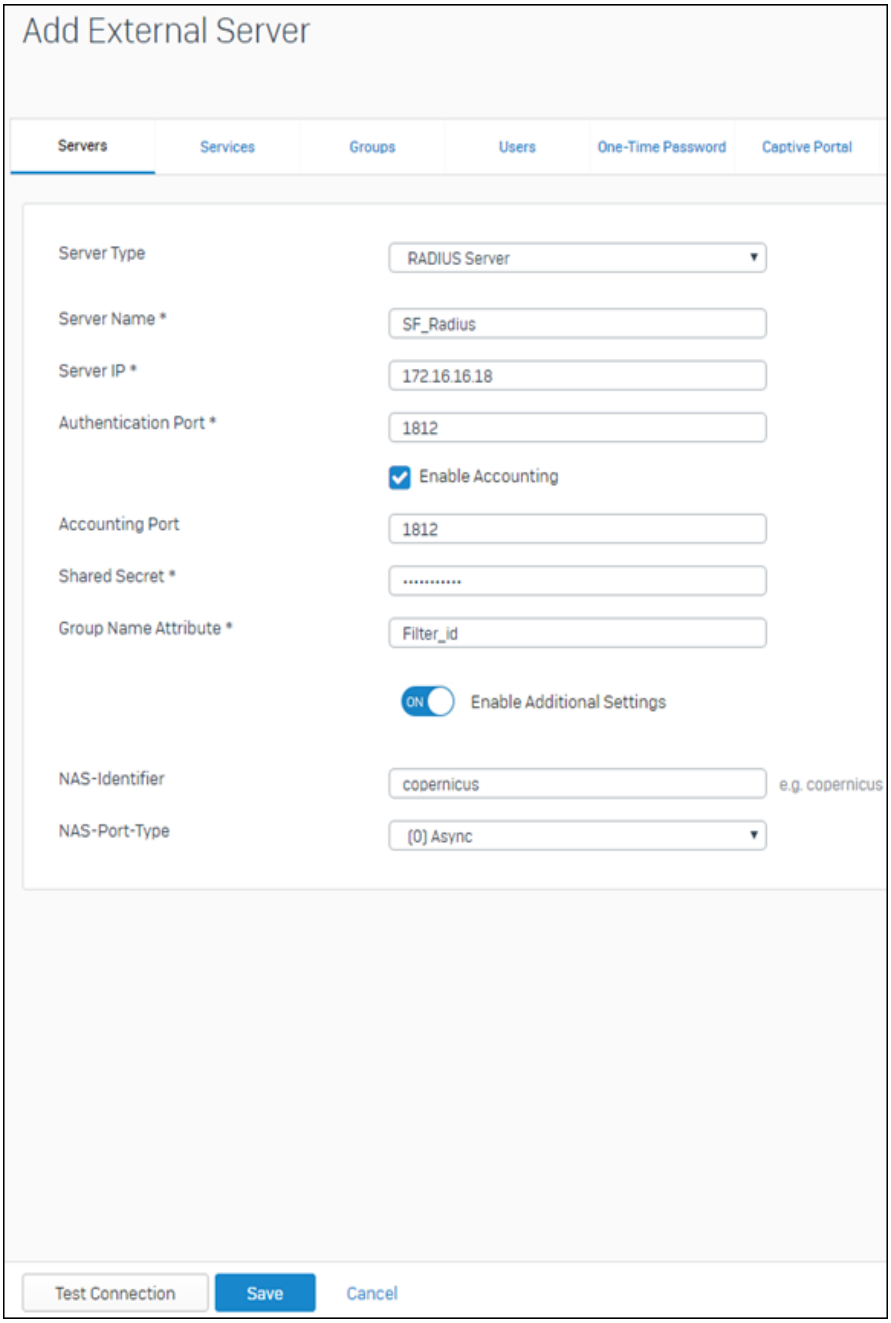
Configuration

Log in to the SFOS Admin Console.

Step 1: Configure SFOS to use the RADIUS Server

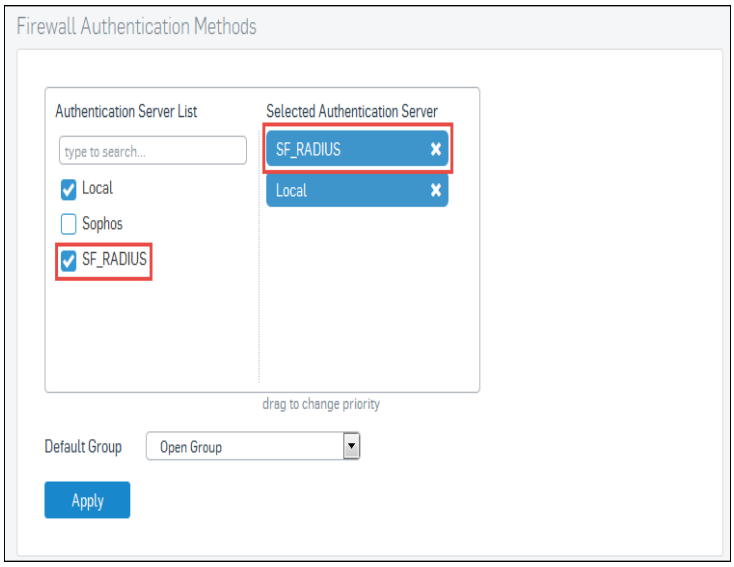
- Go to **Configure** > **Authentication** > **Servers** and click **Add**.
- Set **Server Type** to **RADIUS Server**.
- Select **Enable Accounting** for accounting start/stop request and login/logout time. Enter the **Accounting Port**.
- **Group Name Attribute** is vendor-specific.
- If **Enable Additional Settings** is **ON**, enter the **NAS-Identifier** and **NAS-Port-Type**.

Click **Save**.



Step 2: Select RADIUS as the Authentication Server

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



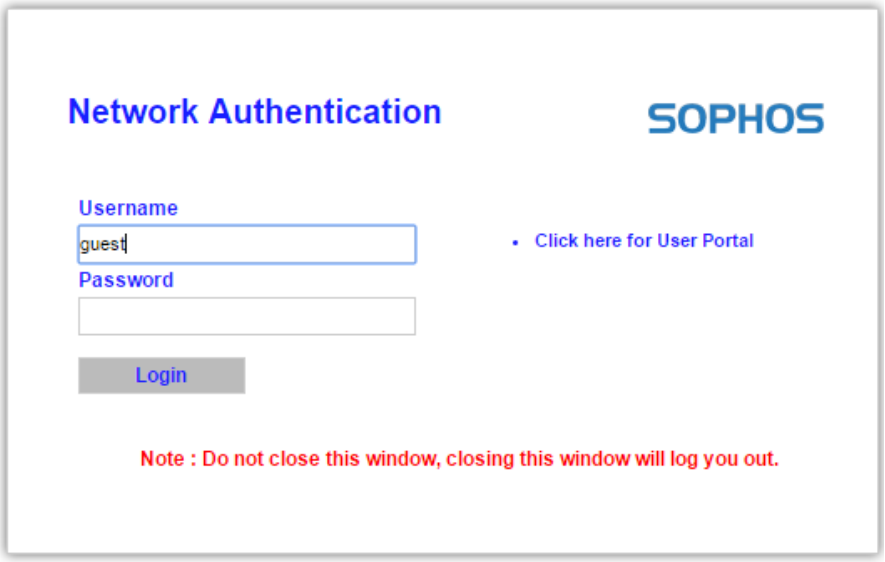
Click **Apply**.

Note:

- The default authentication server (Local) is SFOS.
- For multiple authentication servers, authentication request is forwarded based on the order configured in the **Selected Authentication Server** list.

Test Configuration

1. Go to https://<SF LAN IP>:8090 (Captive Portal login page) and login as a user to check if you have internet access.
2. Go to https://<SF LAN IP>:4444 and login as Admin. Go to **Monitor & Analyze > Current Activities > Live Users** and check if the user logged in step 1 is live.



The configuration is successful if:

- You are able to login as a user with internet access.
- The user is displayed as a live user in admin console, then the configuration is successful.

Result

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

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