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Pocket Guide

Connect to Parent Proxy on Internet

Product: Sophos XG Firewall

Contents

Overview

This guide describes how to configure Sophos XG Firewall to connect to a parent proxy server deployed on the Internet.

Parent proxies can be used in countries in which routing Internet access through government-approved proxy servers is mandatory.

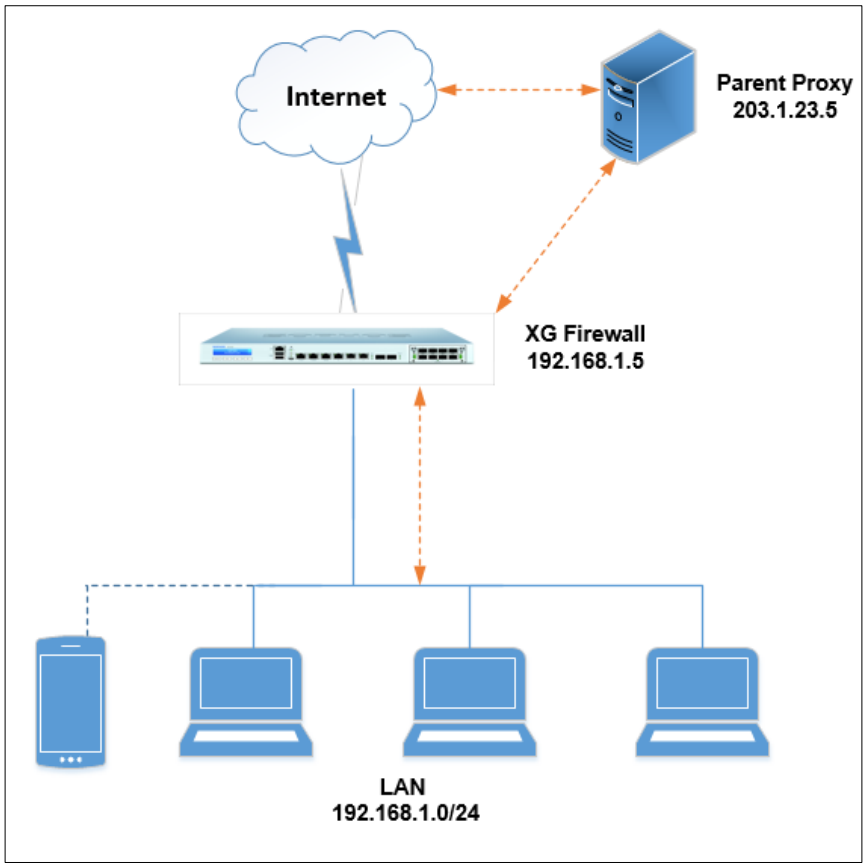
Parent proxy is also known as upstream proxy or forward proxy.

Prerequisites

You must have read-write permissions on the SF-OS Admin Console for the relevant features.

Network Diagram

In this scenario, web requests from the LAN are redirected to the parent proxy that is deployed on the Internet (WAN).



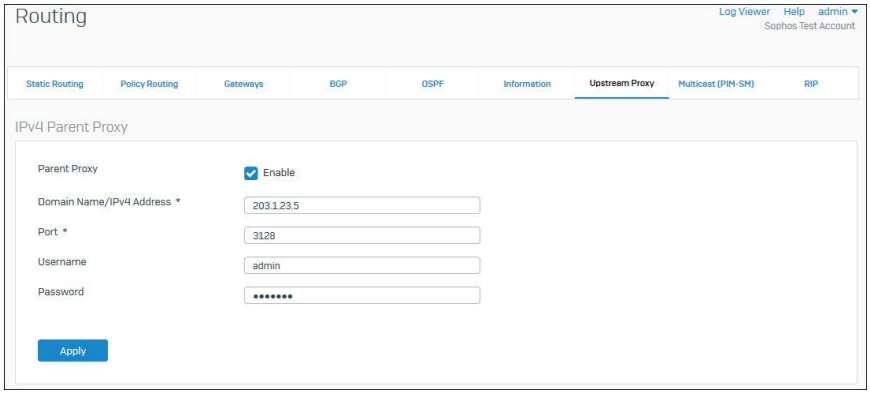
Configuration

Log in to the SF-OS Admin Console.

Step 1: Enable IPv4 Parent Proxy

- Go to **Configure** > **Routing** > **Upstream Proxy**.
- Select to enable **Parent Proxy** and enter the **Domain Name/IPv4 Address** of the parent proxy.

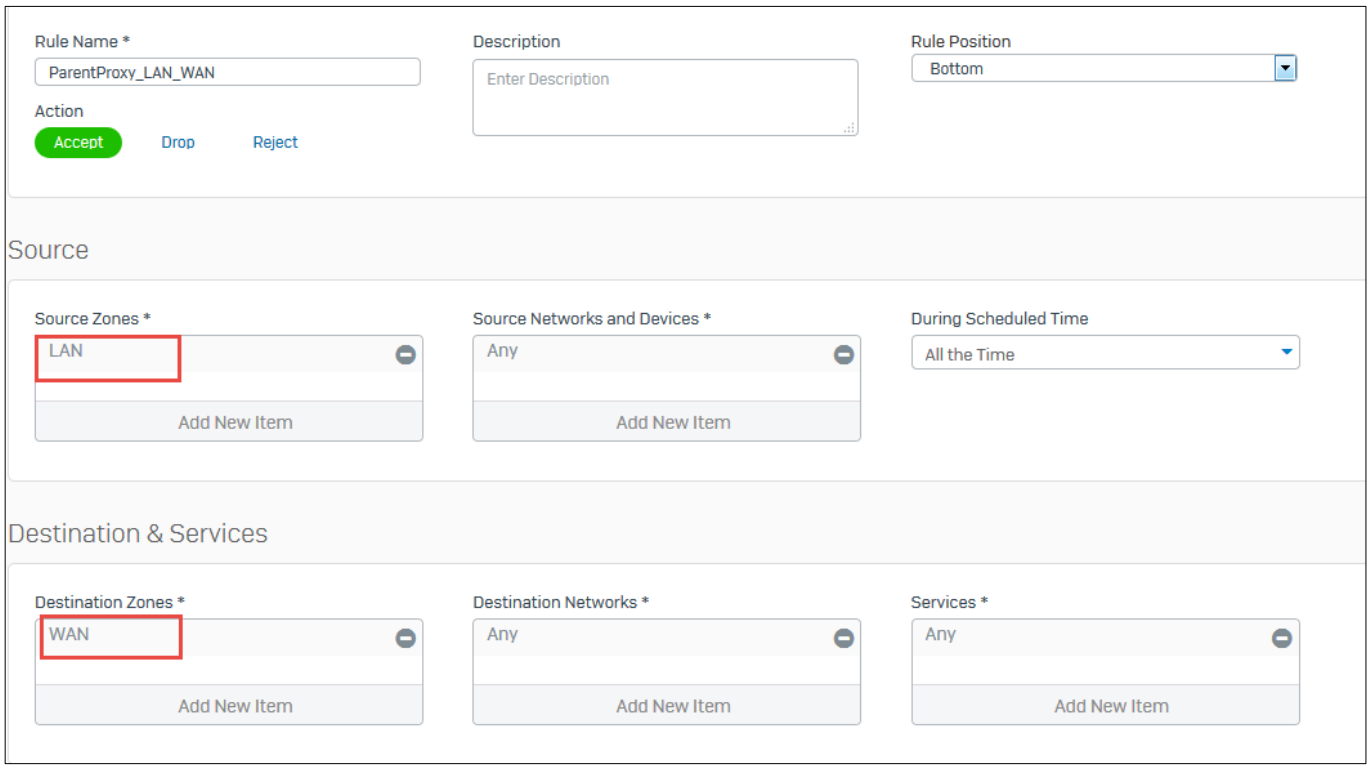
  Click **Apply**.



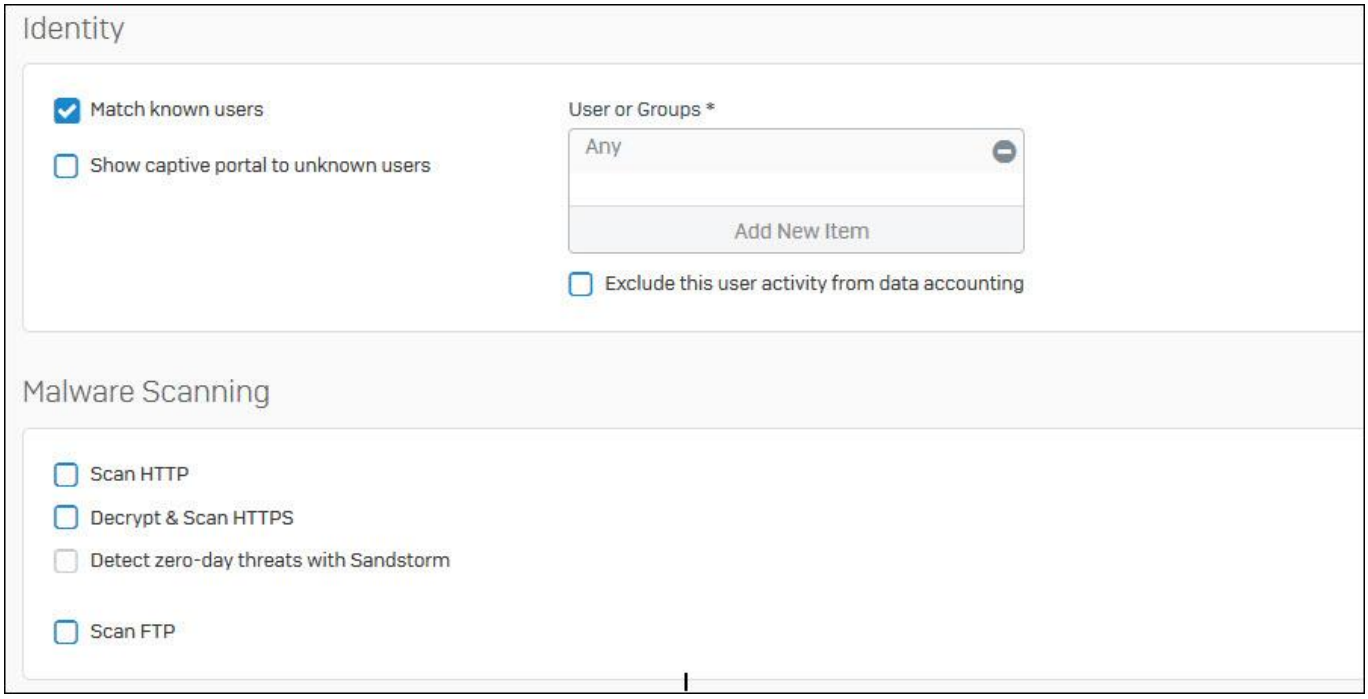
Step 2: Create a firewall rule to masquerade outgoing traffic

- Go to **Protect > Firewall,** click **Add Firewall Rule** and click **User/Network Rule.**
- Select the **Rule Position** from the list. Firewall rules are evaluated from top to bottom until a matching rule is found. You can drag the rule upwards or downwards to a specific position in the rule table.
- Set **Source Zones to LAN.** Set **Destination Zones** to **WAN.** This enables the XG Firewall to forward requests to the parent proxy.

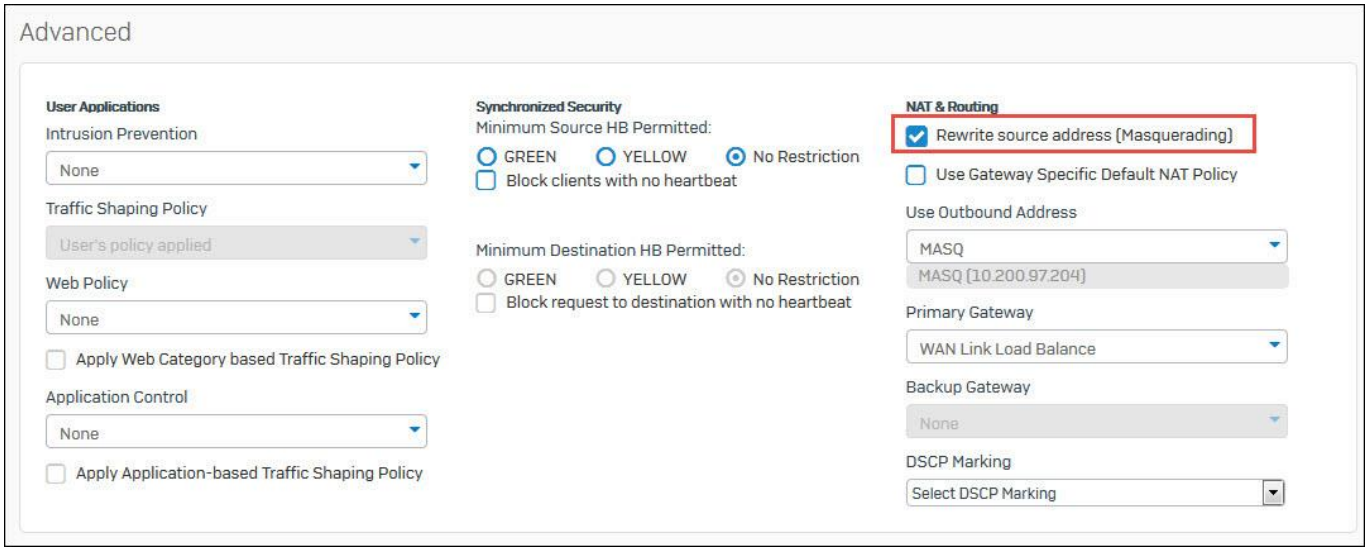
Note: If parent proxy is deployed in DMZ, create a User/Network Rule with **Source Zones** set to LAN and **Destination Zones** set to DMZ.



Under **Identity** and **Malware Scanning**, retain the default settings.



Under **Advanced,** in **NAT & Routing,** select the **Rewrite source address (Masquerading)** check box to masquerade the IP address of parent proxy.



Click **Save.**

Result

You have established a connection between Sophos XG firewall and an external parent proxy server. Web requests from LAN users will be routed by the XG firewall to the parent proxy.

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