



REMOTE LOGGING WITH SYSLOG

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Overview

Configuring syslog on a NetXGATE firewall involves setting up the firewall to send log messages to a designated syslog server. This process is essential for centralized log management and security monitoring. *A remote syslog server is a system provisioned specifically to collect logs for long term storage and analysis with preferred analytic tools.*

Description-

This article describes how to configure Syslog on NetXGATE NGFW.

Note- Before configuring syslog on the NetXGATE NGFW, ensure that your central syslog server is properly set up and ready to receive logs on the correct port and protocol. You may also need to configure your network firewalls to allow UDP/TCP traffic on port 514 (or your chosen port) from the NetXGATE device to the syslog server.





Solution-

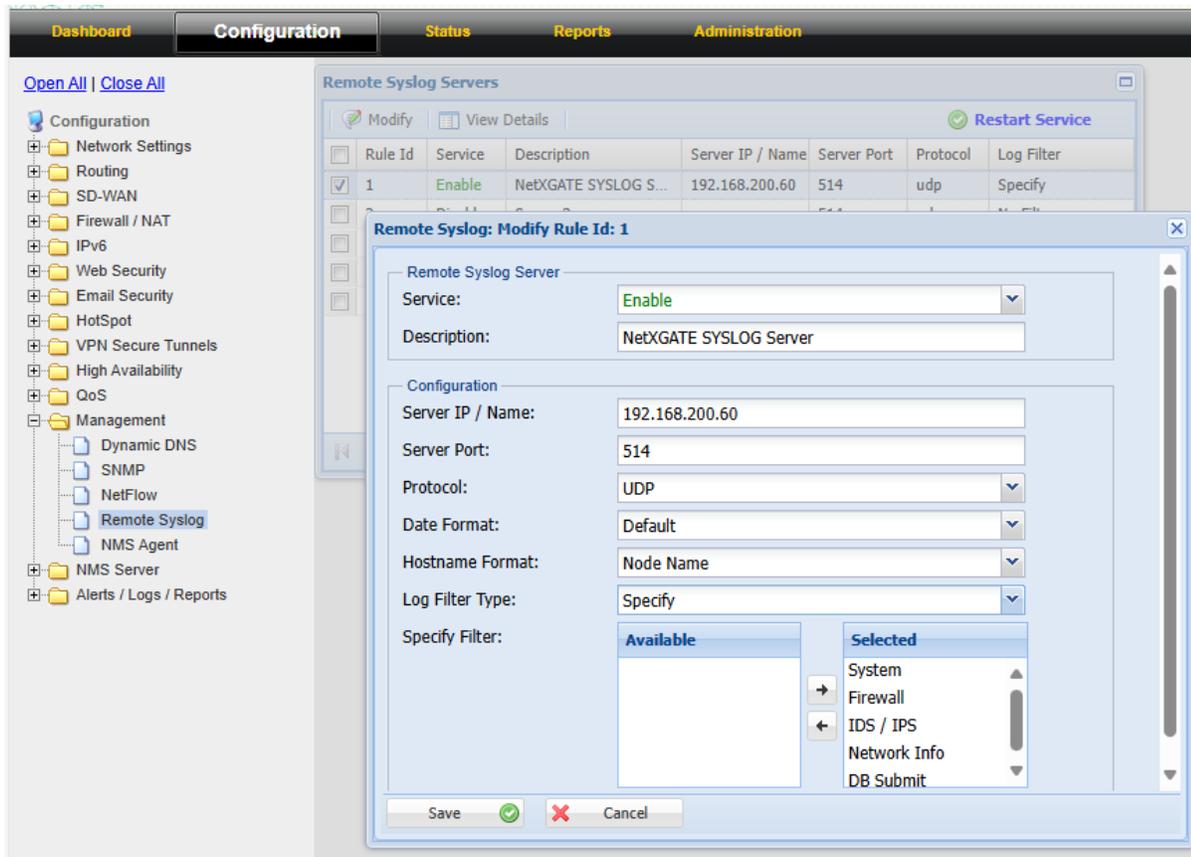
Below are the steps that can be followed to configure the syslog server

To add a syslog server and configure the syslog settings, do as follows:

1. Login in the NetXGATE Firewall .
2. Go to Configuration > Management
3. Click the **Remote Syslog** tab, new window will appear with name 'Remote Syslog Server'
4. Check the Rule Id-1 and click on Modify to display the configuration editor.

| | |
|------------------------|---|
| Service | Enable /Disable |
| Description | Add a description |
| Server IP/Name | IP address or domain name of the syslog server. Messages from the device will be sent to the entered IP Address |
| Server Port | Enter a Port number that the device will use for communicating with the syslog server. Device will send messages using the selected port. Note: 514 is default syslog server port. |
| Protocol | UDP / TCP – Default value-UDP |
| Date -Format | Three type of format : YYYY-MM-DD RFC3339 Unix Timestamp |
| Hostname Format | Select the Format from the available options. Note- It informs the syslog server of the log message's source. Available options: Default Host name – NetXGATE Host name System Key- Firewall System Key Specify : Here You may own name user "Log Host name" field. |
| Log Filter type | The Log Filter type might be left as the factory default . Optionally, however, from the Log filter type ty drop-down menu, select the Syslog Facility appropriate to your network or select the logs under Specify Filter you want to send. Available options: System Firewall IDS/IPS Network Info DB Submit |
| | |

5. Select the Format from the available options. Currently, the firewall can only produce logs in its standard Syslog format.



6. Complete the configuration as described in above Snap Shot
7. Save the configuration.

Important - Syslog is not an encrypted protocol. Make sure the Security Gateway and the Syslog server communicate over a secure network.