Netsurion™ | EventTracker®

How to - Configure Infoblox DDI to forward logs to EventTracker

EventTracker v9.0 and above

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Abstract

This guide provides instructions how to configure **Infoblox DDI** to forward relevant logs to **EventTracker**.

Scope

The configurations detailed in this guide are consistent with **EventTracker** version 9.x and later, **Infoblox DDI NIOS** version 7.x and later.

Audience

Administrators who want to monitor the **Infoblox DDI** using **EventTracker**.

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1. Overview

Infoblox DDI is a critical technology with DNS, DHCP, IPAM functionalities which provides maximum protection and offers minimum attack surface.

Infoblox DDI is a critical technology with DNS, DHCP, IPAM functionalities which provides maximum protection and offers minimum attack surface.

Infoblox DDI forward logs to EventTracker via syslog. EventTracker receives DNS, DHCP, and IPAM logs from Infoblox DDI. EventTracker Infoblox DDI report provides information about DHCP IP assignment and DHCP IP lease expires for systems. By using these reports, for e.g. we can track events of clients receiving suspicious responses by using the DNS response policy zone. With the help of these reports, object related activities such as, a new object creation, old objects modified or deleted.

Dashboards display a graphical representation about object management, user logon activities, DHCP activities. For e.g. Object management events include, new object (DHCP range, A record, MX record, etc.) creation, existing object modified or deleted.

Alerts are triggered when a user performs any of the following activities: new object creation, old objects modified or deleted, user login failed, etc.

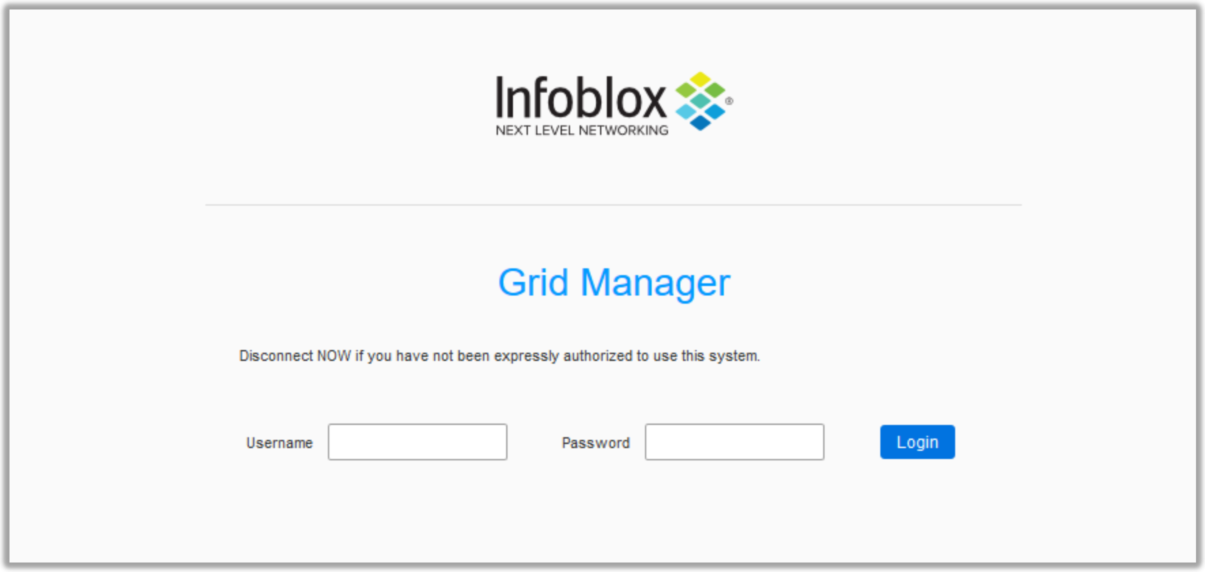
1.1 Prerequisites

- **EventTracker v9.x or later** should be installed.
- **Infoblox Grid Manager** with **NIOS version 7.0.X and later**.

2. Configuring Infoblox to send syslog to EventTracker

All Infoblox devices are managed using Infoblox Grid Manager.

1. Logon to **Infoblox Grid Manager** using valid credentials.



Grid Manager

Disconnect NOW if you have not been expressly authorized to use this system.

Figure 1

2. Navigate to **Grid>Grid Manager>Members** to access active grid member settings.

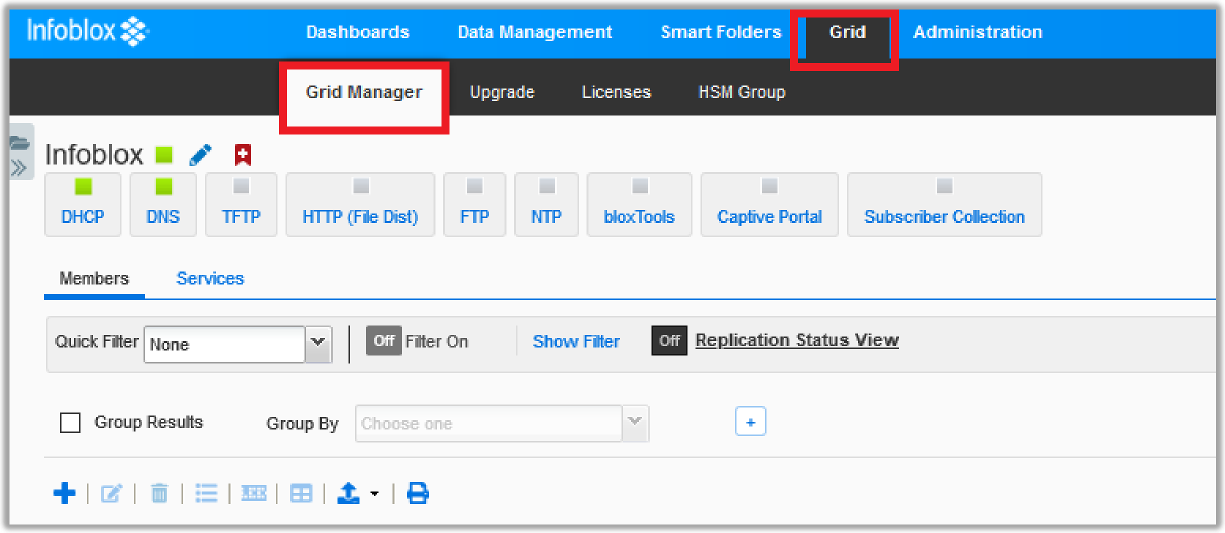
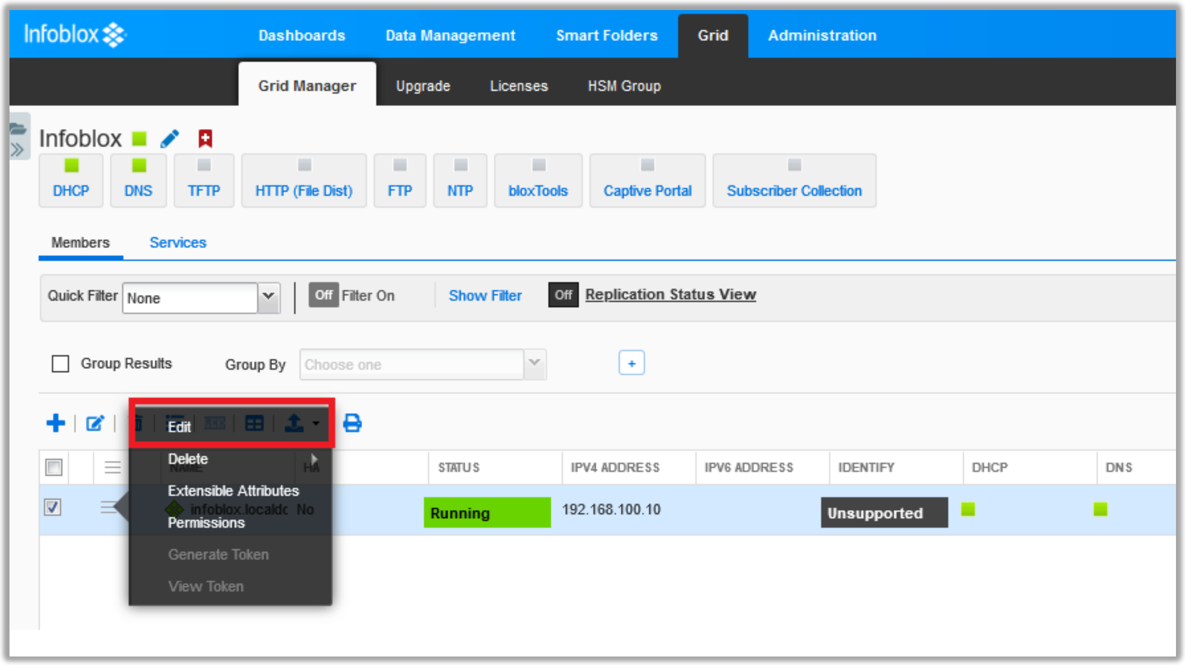


Figure 2

3. Click on the icon ☰ to show available options for selected grid members.

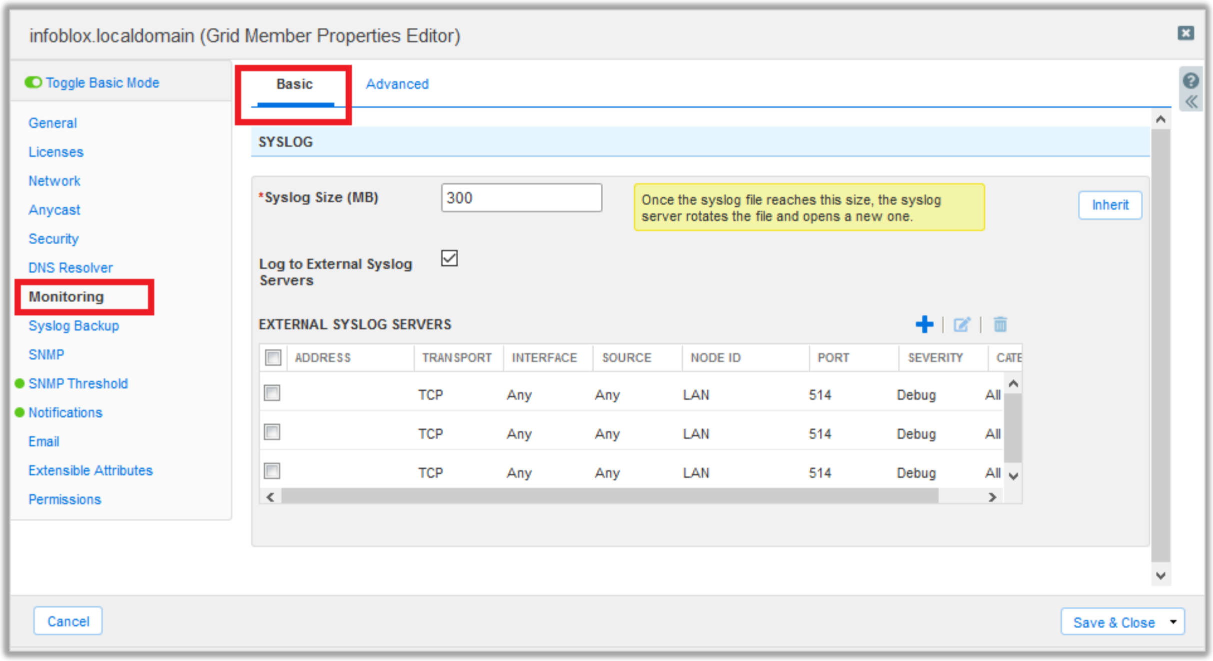


NAME	HA	STATUS	IPV4 ADDRESS	IPV6 ADDRESS	IDENTIFY	DHCP	DNS
infoblox.localdc	No	Running	192.168.100.10		Unsupported	🟩	🟩

Figure 3

4. Click on **Edit** to change options for selected Grid Member.

   Grid Member Properties Editor pane is shown.



*Syslog Size (MB) 300

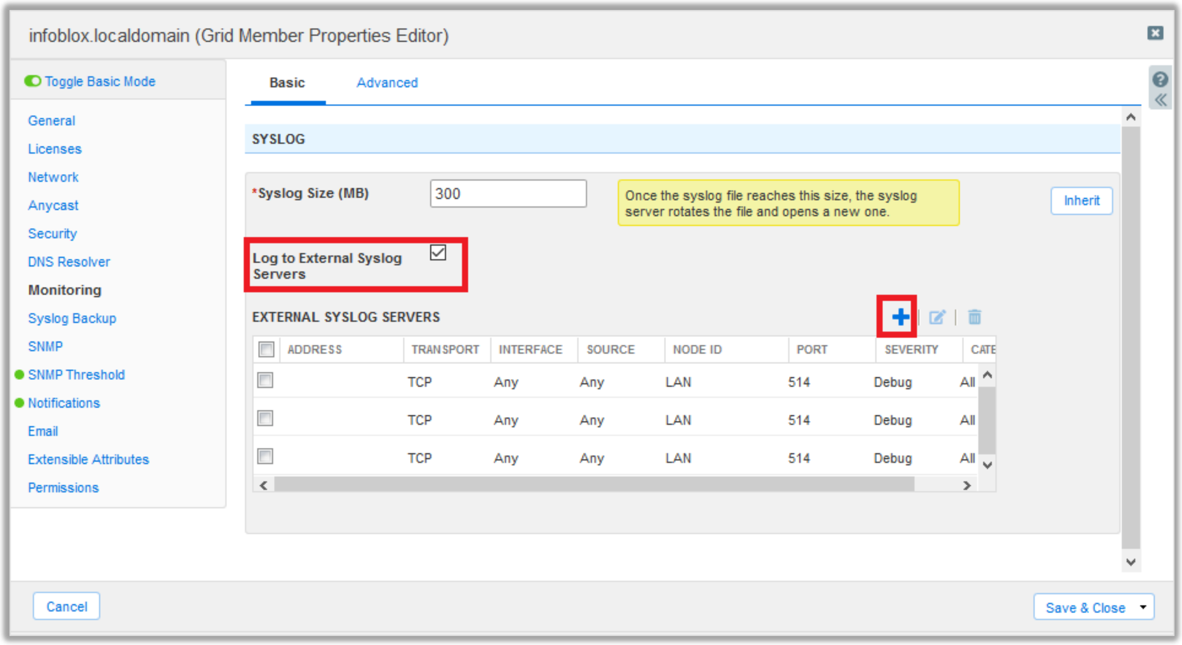
Once the syslog file reaches this size, the syslog server rotates the file and opens a new one.

Log to External Syslog Servers ☑

	ADDRESS	TRANSPORT	INTERFACE	SOURCE	NODE ID	PORT	SEVERITY	CATE
□		TCP	Any	Any	LAN	514	Debug	All
□		TCP	Any	Any	LAN	514	Debug	All
□		TCP	Any	Any	LAN	514	Debug	All

Figure 4

5. Select **Monitoring** and then click **Override** to enable customization of syslog settings.



SYSLOG

*Syslog Size (MB): 300

Once the syslog file reaches this size, the syslog server rotates the file and opens a new one.

Log to External Syslog Servers ☑

EXTERNAL SYSLOG SERVERS

□	ADDRESS	TRANSPORT	INTERFACE	SOURCE	NODE ID	PORT	SEVERITY	CATE
□		TCP	Any	Any	LAN	514	Debug	All
□		TCP	Any	Any	LAN	514	Debug	All
□		TCP	Any	Any	LAN	514	Debug	All

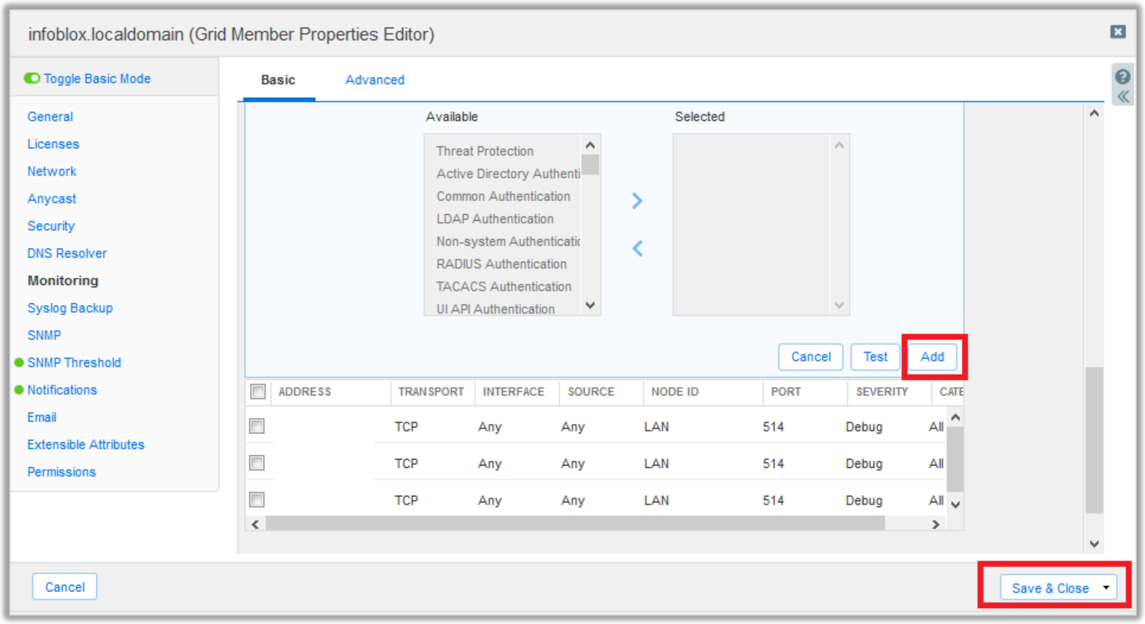
Figure 5

6. Select the checkbox beside **Log to External Syslog Servers** to enable syslog logging.

7. Click the icon ✚ beside **External Log Servers** section to add new remote syslog server.

8. Fill the required details in **Add External Syslog Server** pane. As suggested below:

   - **Address** – Fill in the **IP address** of syslog server
   - **Transport** – Select **UDP**
   - **Interface** – Select **Any** from the dropdown
   - **Node ID** - Select **LAN** from drop-down
   - **Source** - Select **Any** from drop down menu
   - **Severity** - Select **Info** from the drop-down menu
   - **Port** - Type **514**
   - **Logging Category** - Select **Send All**



☐	ADDRESS	TRANSPORT	INTERFACE	SOURCE	NODE ID	PORT	SEVERITY	CATE
☐		TCP	Any	Any	LAN	514	Debug	All
☐		TCP	Any	Any	LAN	514	Debug	All
☐		TCP	Any	Any	LAN	514	Debug	All

Figure 6

9. Click Add to confirm the configuration.
10. Click Save & Close to save the syslog configuration.