FOXMAN-UN
Usage of Syslog

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Contents

1   Purpose and Scope

1.1   General

The FOXMAN-UN system supports the display of syslog messages generated by its core daemons.

1.2   Concept

FOXMAN-UN uses the following concept for providing access to syslog messages. Various core daemons provide their events to a centralized event handler. The event handler serves at the same time the event viewer of the GUI, the file system (with log file entries), and the syslog as shown in Figure 1: FOXMAN-UN Syslog concept.

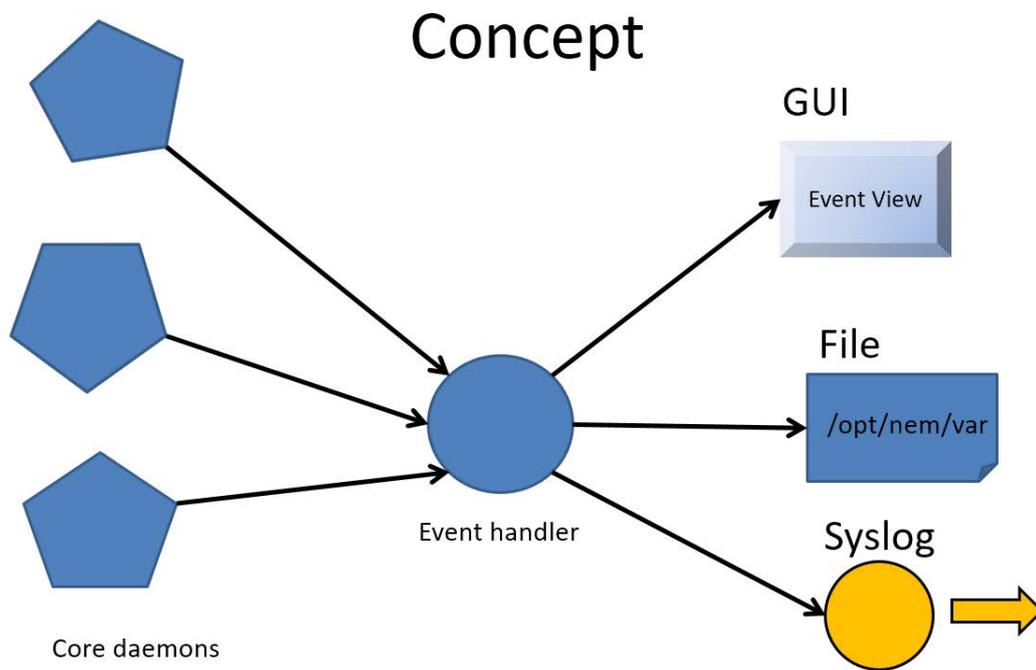Figure 1:   FOXMAN-UN Syslog concept

2   Syslog Setup

The properties relevant for syslog are stored in the file

/etc/rsyslog.conf

> | i | **Please note:**
> In a default installation of FOXMAN-UN the configuration file
> **$/etc/rsyslog.conf**
> is already provided with a general (i.e., not FOXMAN-UN related) syslog setup defi-
> nition.

To forward to a syslog server the nem-system-event and nem-security-event,

Proceed as follows:

1. Log in to FOXMAN-UN as root or prepend sudo to execute the following commands.

2. Open the following file with a text editor:

    /etc/rsyslog.conf

3. In this file add the following lines:

```
#rules to forward FOXMAN-UN system&security events to syslog server
module(load="imfile")
input(type="imfile" File="/var/log/nem/log/nem-system-event.log" Tag="system"
Severity="info" Facility="user" ruleset="remote")
input(type="imfile" File="/var/log/nem/log/nem-security-event.log" Tag="security"
Severity="info" Facility="user" ruleset="remote")
ruleset(name="remote"){
action(type="omfwd" target="xxx.xxx.xxx.xxx" port="514" protocol="udp")
}
```

In the text above, replace xxx.xxx.xxx.xxx with the syslog server IP address

4. Save the file.

5. Restart the rsyslog via

    systemctl restartrsyslog.service

Result: Forwarding of FOXMAN-UN syslog messages is enabled.

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