

Nagios XI - MRTG Reports SNMP_Session Errors

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Problem Description

When running MRTG at the command line:

```
LANG=C LC_ALL=C /usr/bin/mrtg /etc/mrtg/mrtg.cfg --lock-file /var/lock/mrtg/mrtg_l --confcache-file /var/lib/mrtg/mrtg.ok
```

You receive errors similar to this:

```
Subroutine SNMP_Session::pack_sockaddr_in6 redefined at /usr/local/share/perl5/Exporter.pm line 66.  
at /usr/bin/../lib/mrtg2/SNMP_Session.pm line 149.  
Subroutine SNMP_Session::unpack_sockaddr_in6 redefined at /usr/local/share/perl5/Exporter.pm line 66.  
at /usr/bin/../lib/mrtg2/SNMP_Session.pm line 149.  
Subroutine SNMPv1_Session::pack_sockaddr_in6 redefined at /usr/local/share/perl5/Exporter.pm line 66.  
at /usr/bin/../lib/mrtg2/SNMP_Session.pm line 604.  
Subroutine SNMPv1_Session::unpack_sockaddr_in6 redefined at /usr/local/share/perl5/Exporter.pm line 66.  
at /usr/bin/../lib/mrtg2/SNMP_Session.pm line 604.
```

This KB article explains how to fix these errors.

Resolution

The following step will make changes to the `SNMP_Session.pm` files. There are several copies of these files so first we must find them:

```
find /usr/ -name SNMP_Session.pm | grep mrtg
```

Which should output something like:

```
/usr/lib64/mrtg2/SNMP_Session.pm  
/usr/lib/mrtg2/SNMP_Session.pm
```

Edit the first file:

```
vi /usr/lib64/mrtg2/SNMP_Session.pm
```

This opens the vi text editor.

Type `/pack_sockaddr_in6` on the keyboard and press enter

This will take you to the section we want to edit.

Confirm that the line that looks like this:

```
Socket6->import(qw(pack_sockaddr_in6 inet_pton getaddrinfo));
```

Press `i` on the keyboard to go into insert mode.

Change the line so it looks like this:

```
Socket6->import(qw(inet_pton getaddrinfo inet_ntop));
```

Press `Escape` on the keyboard to exit insert mode.

There may be multiple lines in the file that contain `pack_sockaddr_in6`, repeat the above steps to find any other lines and update them.

Type `:wq` and then press Enter (this will save the file and exit vi).

Repeat the above steps for all the `SNMP_Session.pm` files you found with the first command.

After completing these steps run MRTG again to ensure the errors are no longer produced.

```
LANG=C LC_ALL=C /usr/bin/mrtg /etc/mrtg/mrtg.cfg --lock-file /var/lock/mrtg/mrtg_l --confcache-file /var/lib/mrtg/mrtg.ok
```

If you no longer receive the errors the problem has been resolved.

Final Thoughts

For any support related questions please visit the [Nagios Support Forums](#) at:

<http://support.nagios.com/forum/>

Posted by: **tlea** - Wed, Jul 27, 2016 at 9:09 PM. This article has been viewed 2509 times.

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