

NMIS Showing Gaps in Graphs - Upgrade RRDTOOL

If you have been seeing unexplained gaps in graphs or maybe whole datasets missing you should upgrade RRDTool.

rrdtool version 1.7.2 needs to be installed. *The following steps are just an example.* These worked in the Opmantek servers, but the commands may not be the same for various versions of Linux.

Step #1 - cat /etc/os-release

Step #2 - Download rrdtool version 1.7.2 from here:

<https://oss.oetiker.ch/rrdtool/pub/rrdtool-1.7.2.tar.gz>

http://archive.ubuntu.com/ubuntu/pool/main/r/rrdtool/rrdtool_1.7.2.orig.tar.gz

Step #3 - Remove old rrdtool

apt-get purge rrdtool

or

yum remove rrdtool

Step #4 - Compile and install rrdtool 1.7.2

put rrdtool-1.7.2.tar.gz in the /root directory.

where would you like to install RRD Tool? Some people prefer /opt/rrdtool, while others might want /usr/local/rrdtool

Install to /opt/rrdtool

```
mkdir /opt/rrdtool

cd /root

tar -zxvf rrdtool-1.7.2.tar.gz

cd rrdtool-1.7.2

### Configure
./configure --enable-shared --prefix=/opt/rrdtool

### Compile
make

### Install
make install
```

Install to /usr/local/rrdtool

```
tar -zxvf rrdtool-1.7.2.tar.gz

cd rrdtool-1.7.2

### Configure
./configure --enable-shared --prefix=/usr/local/rrdtool

### Compile (just from the prompt)
make

### Install
sudo make install
```

Step #5 - Verification

```
root@deb8:~/rrdtool-1.7.2# /path/to/rrdtool/bin/rrdtool --version
RRDtool 1.7.2 Copyright by Tobias Oetiker <tobi@oetiker.ch>
Compiled Mar 18 2021 14:29:00
```

Step #6 - Point NMIS at new rrdtoolInstall the attached uselib.pm in /usr/local/nmis8/lib/NMIS

If you chose to use /opt/rrdtool, you will need to tell NMIS where it is, so



uselib.pm

Step #6 - Run fix perms

/usr/local/nmis8/admin/fixperms.pl