

# 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](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`