

# opCharts Installation Guide

## opCharts 3



### Installer Versions

If you are installing a version of opCharts compiled [prior](#) to 2016 please see this page: [Pre 2016 Installations](#)

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## Prerequisites

- [NMIS installed](#) on the same server that opCharts is being installed (NMIS version  $\geq 8.5.6G$ ).
- The individual performing this installation has a small bit of Linux experience.
- Root access is available.
- Internet access is required for installing any missing but required software packages.
- opCharts License (evaluation available [here](#)).
- All licenses are added/updated at `https://<hostname>/omk/opLicense`.

## Preparation

- If you do not yet have a working installation of NMIS in your server, please follow the procedure in the [NMIS 8 Installation Guide](#).
- [Download opCharts](#) from the [Opmantek](#) website.

## Installation

opCharts is distributed in a self-extracting download format that simplifies the installation process. More information on running the installer can be found on [The Opmantek Installer](#) page.

Transfer the opCharts installer file onto the server in question, either by direct download from the Opmantek website, or from your desktop with `scp` or `sftp` or a similar file transfer tool.

- Start the interactive installer and follow its instructions:

```
sudo sh ./opCharts-Linux-x86_64-3.0.7.run
...
+++++
opCharts (3.0.7) Installation script
+++++
...
This installer will install opCharts into /usr/local/omk.
To select a different installation location please rerun the
installer with the -t option.
```

- The installer will interactively guide you through the steps of installing opCharts. Please make sure to read the on-screen prompts carefully.
- When the installer finishes, opCharts is installed into `/usr/local/omk`, and the default configuration files are in `/usr/local/omk/conf`, ready for your initial adjustments.
- A detailed log of the installation process is saved as `/usr/local/omk/install.log`, and subsequent upgrades or installations of other Opmantek products will add to that log file.

## Initial Configuration

- You will need to adjust the NMIS-related settings:  
open `/usr/local/conf/opCommon.nmis` in an editor, go to the `nmis` section and change the `nmis_dir` to reflect your NMIS installation. The result should look similar to the following (but there might be extra settings related to other products):

```
'nmis' => {  
  'nmis_dir' => '/usr/local/nmis8',  
  'nmisConf' => 'Config',  
  '<nmis_logs>' => '/usr/local/nmis8/logs',  
  'nmis_host_base' => 'http://localhost',  
  'nmis_cgi_url_base' => '/cgi-nmis8',  
  'prefer_local_nmis' => 'false'  
},
```

- After completing your configuration changes you'll need to restart the opCharts daemon. Run the following commands as root:

```
# don't forget to become root, using sudo sh or su  
service opchartsd restart  
service omkd restart  
# to verify the status of the daemons:  
service opchartsd status  
service omkd status
```

- Authentication  
The installer will backup /usr/local/omk/conf/users.dat and then create a symlink to users.dat in your NMIS directory if it was found during installation.  
If the NMIS users.dat file could not be found during installation the existing users.dat file in /usr/local/omk/conf/ will be used.  
If /usr/local/omk/conf/users.dat is not found the default users.dat file will be copied to /usr/local/omk/conf/ from /usr/local/omk/install/.  
[Default credentials can be found here.](#)

## Where to go from here

First you should test opCharts: open up a web browser, and point it to **<http://<yourserverip>/omk/opCharts>**, you will have to enter your license first, then you will see opCharts' main dashboard. See the authentication bullet point above for user/password info.