









Prometheus Node Exporter on RaspberryPi 4

Install the node exporter software

Get the latest version from the github prometheus project

```
https://github.com/prometheus/node_exporter/releases
```

Select the version you need arm6 for raspberrypi 3 or arm7 for Raspberrypi 4

 node_exporter-1.8.2.linux-amd64.tar.gz	10.2 MB	2 weeks ago
 node_exporter-1.8.2.linux-arm64.tar.gz	9.5 MB	2 weeks ago
 node_exporter-1.8.2.linux-armv5.tar.gz	9.4 MB	2 weeks ago
 node_exporter-1.8.2.linux-armv6.tar.gz	9.4 MB	2 weeks ago
 node_exporter-1.8.2.linux-armv7.tar.gz	9.39 MB	2 weeks ago
 node_exporter-1.8.2.linux-mips.tar.gz	9.38 MB	2 weeks ago
 node_exporter-1.8.2.linux-mips64.tar.gz	9.33 MB	2 weeks ago
 Source code (zip)		2 weeks ago

Next you will download the qzip file and extract it, copy to the user path then create a service file to start and run the service

```
tar -xvf node_exporter-1.8.2.linux-armv7.tar.gz
cd node_exporter-1.8.2.linux-armv7/
sudo cp node_exporter /usr/local/bin
sudo vi /etc/systemd/system/node_exporter.service
```

You will next past the following into the service file.

```
[Unit]
Description=Node Exporter

[Service]
# Provide a text file location for https://github.com/fahlke/raspberrypi_exporter data with
```

```
the
# --collector.textfile.directory parameter.
ExecStart=/usr/local/bin/node_exporter

[Install]
WantedBy=multi-user.target
```

Next need to reload daemon and, enable service, start service and check status

```
sudo systemctl daemon-reload
sudo systemctl enable node_exporter.service
sudo systemctl start node_exporter.service
sudo systemctl status node_exporter.service
```

Revision #3

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