Setting Up Node Exporter[¶](https://docs.techdox.nz/node-exporter/#setting-up-node-exporter)

Download Node Exporter[¶](https://docs.techdox.nz/node-exporter/#download-node-exporter)

Begin by downloading Node Exporter using the wget command:

wget https://github.com/prometheus/node\_exporter/releases/download/v1.7.0/node\_exporter-1.7.0.linux-amd64.tar.gz

Note: Ensure you are using the latest version of Node Exporter and the correct architecture build for your server. The provided link is for amd64. For the latest releases, check here - [Prometheus Node Exporter Releases](https://github.com/prometheus/node_exporter/releases)

Extract the Contents[¶](https://docs.techdox.nz/node-exporter/#extract-the-contents)

After downloading, extract the contents with the following command:

tar xvf node\_exporter-1.7.0.linux-amd64.tar.gz

Move the Node Exporter Binary[¶](https://docs.techdox.nz/node-exporter/#move-the-node-exporter-binary)

Change to the directory and move the node\_exporter binary to /usr/local/bin:

cd node\_exporter-1.7.0.linux-amd64

sudo cp node\_exporter /usr/local/bin

Then, clean up by removing the downloaded tar file and its directory:

rm -rf ./node\_exporter-1.7.0.linux-amd64

Create a Node Exporter User[¶](https://docs.techdox.nz/node-exporter/#create-a-node-exporter-user)

Create a dedicated user for running Node Exporter:

sudo useradd --no-create-home --shell /bin/false node\_exporter

Assign ownership permissions of the node\_exporter binary to this user:

sudo chown node\_exporter:node\_exporter /usr/local/bin/node\_exporter

Configure the Service[¶](https://docs.techdox.nz/node-exporter/#configure-the-service)

To ensure Node Exporter automatically starts on server reboot, configure the systemd service:

sudo nano /etc/systemd/system/node\_exporter.service

Then, paste the following configuration:

[Unit]

Description=Node Exporter

Wants=network-online.target

After=network-online.target

[Service]

User=node\_exporter

Group=node\_exporter

Type=simple

ExecStart=/usr/local/bin/node\_exporter

Restart=always

RestartSec=3

[Install]

WantedBy=multi-user.target

Save and exit the editor.

Enable and Start the Service[¶](https://docs.techdox.nz/node-exporter/#enable-and-start-the-service)

Reload the systemd daemon:

sudo systemctl daemon-reload

Enable the Node Exporter service:

sudo systemctl enable node\_exporter

Start the service:

sudo systemctl start node\_exporter

To confirm the service is running properly, check its status:

sudo systemctl status node\_exporter.service