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How to Install Telegraf on Raspbian OS

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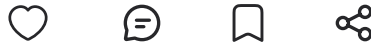
What is Telegraf?

Telegraf is a server-based agent for collecting and sending metrics from all types of systems. For example, Telegraf can gather your Raspberry Pi's system data such as CPU, memory and disk usage and send it to a database of your choice.

The Raspbian OS repository doesn't include the latest version of Telegraf. The following steps will show you how to install the latest version of Telegraf on Raspbian OS.

Step 1: Download the Influx Data repo key and add it to the APT package manager.

COPY

```
wget -qO- https://re        key | sudo tee /etc/apt
```

Step 2: Add Influx Data repository link to the APT sources list.

COPY

```
source /etc/os-release
echo "deb https://repos.influxdata.com/debian ${VERSION_CODENAME} stab
```

Step 3: Update APT and install Telegraf

COPY

```
sudo apt-get update && sudo apt-get install telegraf -y
```

You have now successfully installed Telegraf!

Note:

- The `telegraf.conf` file is available in the `/etc/telegraf` directory

- Global variables such as Influx Tokens are defined in the `/etc/default/telegraf` file.

Installation Script

Run the install script to install Telegraf in one keystroke.

COPY

```
#!/usr/bin/env bash
set -e

wget -qO- https://repos.influxdata.com/influxdb.key | sudo tee /etc/ap
source /etc/os-release
echo "deb https://repos.influxdata.com/debian ${VERSION_CODENAME} stab
sudo apt-get update && sudo apt-get install telegraf -y
```

Copy and paste the above lines to a file named `install_telegraf.sh`

Make the file executable.

COPY

```
chmod +x install_telegraf.sh
```

Finally, run the install script.

COPY

```
./install_telegraf.sh
```

Raspberry Pi   InfluxDB   Telegraf

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