**To install InfluxDB 2 and Telegraf on Linux, follow these steps:**

* Download the InfluxDB 2 installation package: You can download the installation package from the InfluxDB website. For example, on Ubuntu, you can run the following command to download the latest version:

*wget* [*https://dl.influxdata.com/influxdb/releases/influxdb2-2.x.x-linux-amd64.tar.gz*](https://dl.influxdata.com/influxdb/releases/influxdb2-2.x.x-linux-amd64.tar.gz)

* Extract the installation package: Use the following command to extract the package:

*tar xvfz influxdb2-2.x.x-linux-amd64.tar.gz*

* Change the directory to the extracted package: Use the following command to navigate to the extracted directory:

cd influxdb2-2.x.x-linux-amd64

* Run the InfluxDB 2 setup: Use the following command to run the setup:

sudo ./influxd upgrade

* Start the InfluxDB 2 server: Use the following command to start the server:

sudo systemctl start influxdb

* Verify the InfluxDB 2 server is running: Use the following command to check the status of the server:

sudo systemctl status influxdb

* Download and install Telegraf: You can download the installation package from the Telegraf website. For example, on Ubuntu, you can run the following command to download the latest version:

wget <https://dl.influxdata.com/telegraf/releases/telegraf-1.x.x_linux_amd64.tar.gz>

* Extract the Telegraf installation package: Use the following command to extract the package:

tar xvfz telegraf-1.x.x\_linux\_amd64.tar.gz

* Copy the Telegraf configuration file: Use the following command to copy the default configuration file:

sudo cp telegraf-1.x.x/etc/telegraf/telegraf.conf/etc/telegraf/

* Edit the Telegraf configuration file: Use a text editor to edit the configuration file and specify the InfluxDB 2 server as the output. For example:

[[outputs.influxdb\_v2]]

urls = ["http://localhost:8086"]

token = "my-influxdb2-token"

organization = "my-organization"

bucket = "my-bucket"

* Start the Telegraf service: Use the following command to start the service:

sudo systemctl start telegraf

* Verify the Telegraf service is running: Use the following command to check the status of the service:

sudo systemctl status telegraf

Alternatively, we can install influxdb and telegraf from the debian’s repo and their package manager. Follow the instructions from below link:

<https://portal.influxdata.com/downloads/>

<https://docs.influxdata.com/influxdb/v2.6/install/?t=Linux>

**To set up Grafana on Linux, follow these steps:**

* Install Grafana: You can download the installation package from the Grafana website or use a package manager like apt or yum. For example, on Ubuntu, you can run the following command:

*sudo apt-get install -y grafana*

* Start the Grafana server: After installation, start the Grafana server using the following command:

*sudo systemctl start grafana-server*

* Enable the Grafana server to start on boot: To enable the Grafana server to start automatically on boot, use the following command:

*sudo systemctl enable grafana-server*

* Configure the firewall: If you are using a firewall, you need to allow access to the Grafana server. For example, on Ubuntu, you can use the following command:

*sudo ufw allow 3000/tcp*

* Access the Grafana web interface: Open a web browser and go to http://<server-ip>:3000. You should see the Grafana login page.
* Log in to Grafana: The default login credentials are admin for the username and admin for the password. After logging in, you will be prompted to change the password.
* Configure data sources: To use Grafana, you need to configure data sources. You can do this by clicking on the "Configuration" icon in the side menu, selecting "Data Sources", and then adding a new data source.
* Create a dashboard: After configuring a data source, you can create a dashboard by clicking on the "Create" icon in the side menu and selecting "Dashboard".

References:

<https://grafana.com/docs/grafana/latest/setup-grafana/installation/debian/>