

InfluxDB 2.0 OSS Installation Guide (Ubuntu)

This guide provides instructions for installing InfluxDB 2.0 (specifically the influxdb2 package) on an Ubuntu 22.04 system.

1. Add the InfluxData GPG Key

First, download the key and add it to your system's trusted keys:

```
# Download the key
wget -q
[https://repos.influxdata.com/influxdata-archive_compat.key](https://repos.influxdata.com/influxdata-archive_compat.key)
```

```
# Verify the key (optional, but good practice)
echo '393e8779c89ac8d958f81f942f9ad7fb82a25e133faddaf92e15b16e6ac9ce4c
influxdata-archive_compat.key' | sha256sum -c && cat influxdata-archive_compat.key | gpg
--dearmor | sudo tee /etc/apt/trusted.gpg.d/influxdata-archive_compat.gpg > /dev/null
```

2. Add the InfluxDB Repository

Next, add the InfluxData repository to your system's apt sources:

```
echo 'deb [signed-by=/etc/apt/trusted.gpg.d/influxdata-archive_compat.gpg]
[https://repos.influxdata.com/debian](https://repos.influxdata.com/debian) stable main' | sudo
tee /etc/apt/sources.list.d/influxdata.list
```

3. Update and Install InfluxDB

Now, update your package list and install the influxdb2 package:

```
sudo apt-get update
sudo apt-get install -y influxdb2
```

4. Start the InfluxDB Service

Start the service and enable it to run on boot:

```
sudo systemctl start influxdb
sudo systemctl enable influxdb
```

You can verify it's running with `sudo systemctl status influxdb`.

5. Run the Initial Setup

This is the most important step for InfluxDB 2.0. You must run the setup command to create your first user, organization, and bucket.

Run the interactive setup:

```
influx setup
```

You will be prompted to create:

- A **Primary Username** (e.g., admin)
- A **Password**
- An **Organization Name** (e.g., my_org)
- A **Bucket Name** (e.g., my_bucket)
- A **Retention Period** for the bucket (e.g., 720h for 30 days, or 0 for infinite)

After you confirm, the setup is complete. You can access the InfluxDB UI by navigating to `http://YOUR_SERVER_IP:8086` in your browser.