It looks like the extracted folder is named **influxdb2\_linux\_arm64** instead of **influxdb2-2.7.1-linux-arm64**.  
That's why the mv command failed.

**🚀 Fix the Issue**

Run these commands:

bash

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# Extract again (if needed)

tar xvf influxdb2-2.7.1-linux-arm64.tar.gz

# Check the extracted folder name

ls -l

# Move the correct binary to /usr/local/bin/

sudo mv influxdb2\_linux\_arm64/influxd /usr/local/bin/

sudo chmod +x /usr/local/bin/influxd

# Verify

ls -l /usr/local/bin/influxd

You should now see:

swift

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-rwxr-xr-x 1 root root 12345678 Mar 2 21:40 /usr/local/bin/influxd

**🚀 Restart InfluxDB**

bash

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sudo systemctl daemon-reload

sudo systemctl restart influxdb

sudo systemctl status influxdb

Then test again:

bash

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curl -X GET http://localhost:8086/ping

Let me know if you hit any issues! 🚀

It seems that you're still getting the error "organization name 'my\_real\_org' not found." This indicates that the organization name might be incorrect.

To fix this issue, we need to ensure the following:

1. **Check the correct organization name** in InfluxDB.
2. **Use the correct organization name** in your curl request.

### ****Step 1: List Your Organizations****

You need to check the correct name of your organization in InfluxDB. Run this command:

bash

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influx org list --token u92w7MZDGwsyvEZb-6pN4nVCKmq1QT4EmTap2fLkr4wfqt3I0xIVZnyoqo9Q0VLMn3Xg3iFTf9Los7jnQByUWQ==

This should output the list of organizations. Look for the exact name of the organization (it might not be "my\_real\_org").

### ****Step 2: Update Your**** curl ****Command****

Once you have the correct organization name, replace my\_real\_org in your curl command with the actual organization name.

For example:

bash

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curl --request POST "http://192.168.1.21:8086/api/v2/write?org=correct\_org\_name&bucket=sensor\_data&precision=s" \

--header "Authorization: Token u92w7MZDGwsyvEZb-6pN4nVCKmq1QT4EmTap2fLkr4wfqt3I0xIVZnyoqo9Q0VLMn3Xg3iFTf9Los7jnQByUWQ==" \

--header "Content-Type: text/plain; charset=utf-8" \

--data-binary "temperature,sensor=esp32 value=25.5"

### ****Step 3: Verify the Data****

If everything is set correctly, you should be able to write data successfully. Let me know how it goes!

4o mini

##### You said:

(venv) rasp1@rasp1:~/WORK/raspEsp $ influx org list --token u92w7MZDGwsyvEZb-6pN4nVCKmq1QT4EmTap2fLkr4wfqt3I0xIVZnyoqo9Q0VLMn3Xg3iFTf9Los7jnQByUWQ== ID Name 9f4282bd910ebfe9 enis

###### ChatGPT said:

Great! It looks like your organization name is **"enis"**.

Now, let's update your curl command to use the correct organization name (enis) instead of my\_real\_org.

### ****Step 1: Modify Your**** curl ****Command****

Use the following command to send the temperature data to InfluxDB:

bash

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curl --request POST "http://192.168.1.21:8086/api/v2/write?org=enis&bucket=sensor\_data&precision=s" \

--header "Authorization: Token u92w7MZDGwsyvEZb-6pN4nVCKmq1QT4EmTap2fLkr4wfqt3I0xIVZnyoqo9Q0VLMn3Xg3iFTf9Los7jnQByUWQ==" \

--header "Content-Type: text/plain; charset=utf-8" \

--data-binary "temperature,sensor=esp32 value=25.5"

### ****Step 2: Check the Response****

If the request is successful, you won't get an error message, and the data will be written to your **sensor\_data** bucket in InfluxDB. You can verify this by querying the data from the bucket.

Let me know if you get any errors or if it works fine!

4o mini

##### You said:

how i can verify can verify this by querying the data from the bucket.

###### ChatGPT said:

You can verify the data you’ve written to InfluxDB by querying the bucket using the **Influx CLI**. Here's how to do it step by step:

### ****Step 1: Query the Data****

Use the following influx query command to query the data from the **sensor\_data** bucket:

bash

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influx query 'from(bucket: "sensor\_data") |> range(start: -1h)' --org enis --token u92w7MZDGwsyvEZb-6pN4nVCKmq1QT4EmTap2fLkr4wfqt3I0xIVZnyoqo9Q0VLMn3Xg3iFTf9Los7jnQByUWQ==

Explanation:

* from(bucket: "sensor\_data"): This fetches data from the **sensor\_data** bucket.
* |> range(start: -1h): This limits the data to the past hour. You can change the time range as needed (e.g., start: -24h for the past 24 hours).
* --org enis: Specifies your organization name.
* --token: Your authentication token.

### ****Step 2: Check the Response****

If your data is successfully written to the bucket, the query will return results, showing the **temperature** data. If there is no result or an error, it might indicate the data hasn't been written correctly.

Let me know the result after running the query!