

Grafana

Tutorial requirements

1. Complete the [Telegraf](#) tutorial so your data is sent to your organization [InfluxDB](#) server.
2. Set up an account with [Grafana](#) to continue.

Set up Grafana

After you register with Grafana, go to the **Configuration** Menu (Figure 1.1) and select **Data Sources**.

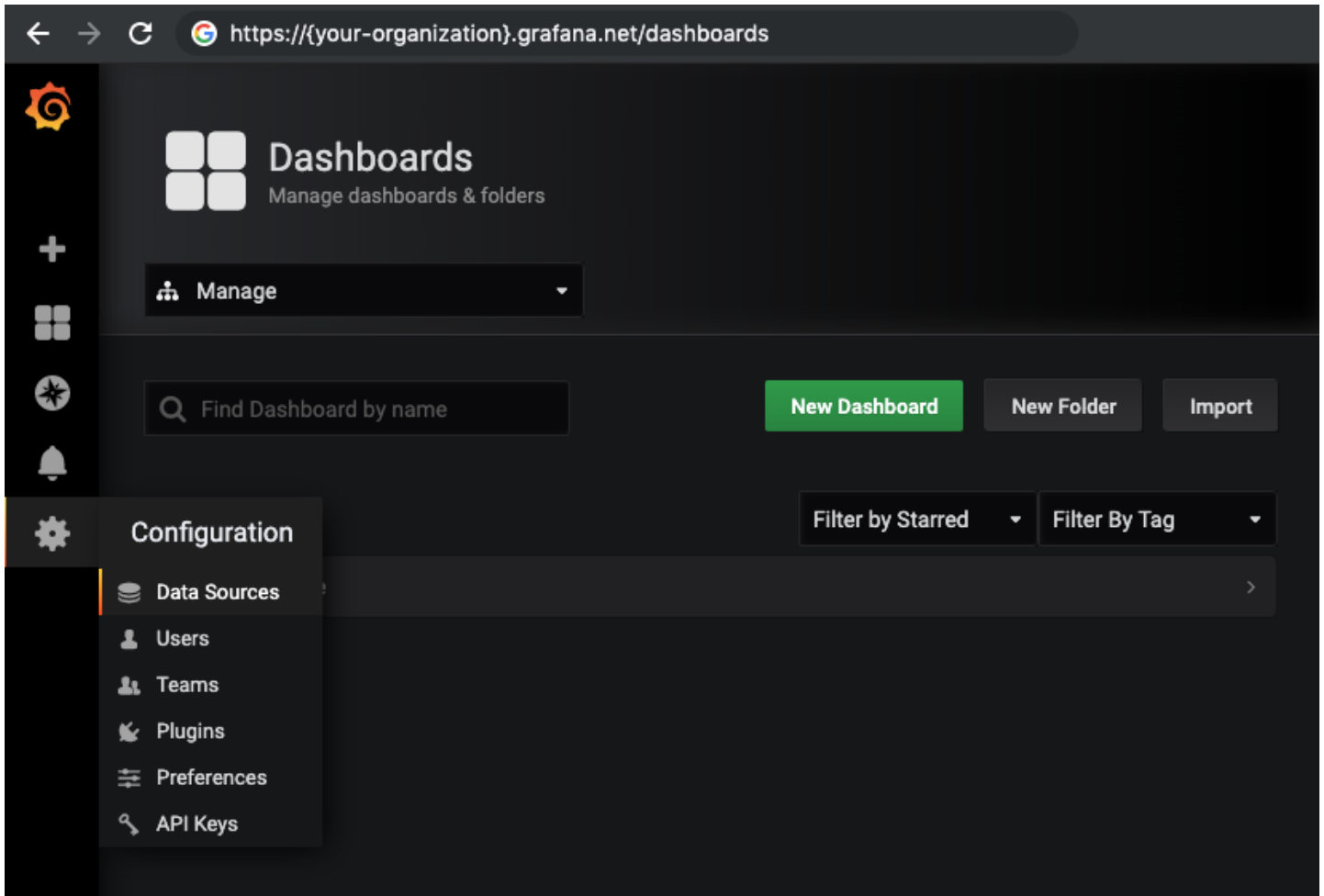


Figure 1.1 - Configure a data source for your organization at Grafana."

Figure 1.2 shows your organization Grafana Data Sources available for charting.

NOTE

This is the InfluxDB server that was set, as an environment variable, when installing [Telegraf](#): `"INFLUXDB_HOST": "{{influxdbHost}}"`

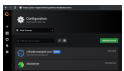
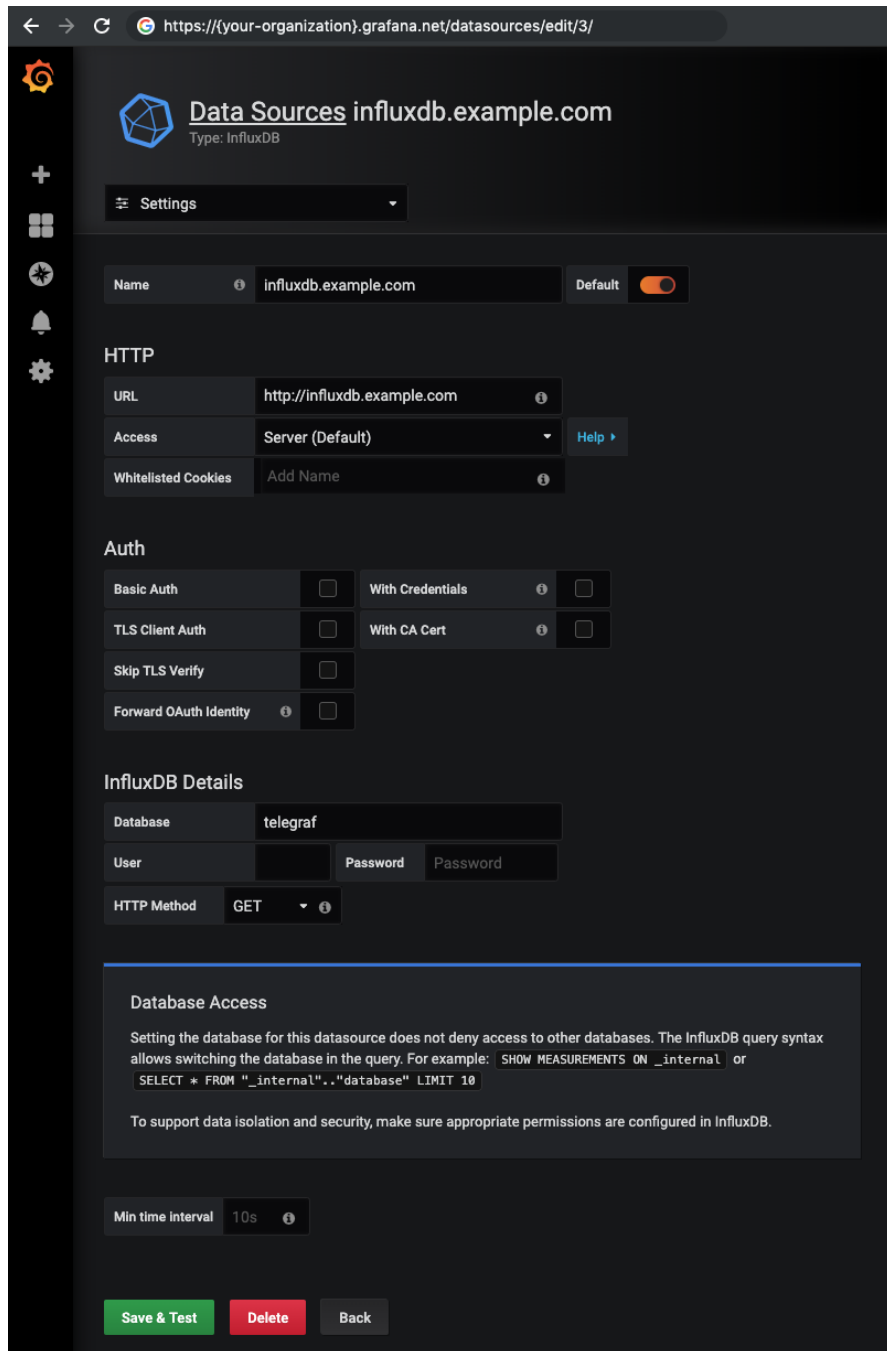


Figure 1.2 - You will need to add an InfluxDB data source pointing to your server.

Once you clicked **Add data source** (Figure 1.2), you will need to configure the [InfluxDB](#) your organization has already set up, see Figure 1.3.



← → ↻ [https://\(your-organization\).grafana.net/datasources/edit/3/](https://(your-organization).grafana.net/datasources/edit/3/)

Data Sources influxdb.example.com

Type: InfluxDB

⚙ Settings

Name Default ☒

HTTP

URL

Access [Help ▶](#)

Whitelisted Cookies

Auth

Basic Auth ☐ With Credentials ☐

TLS Client Auth ☐ With CA Cert ☐

Skip TLS Verify ☐

Forward OAuth Identity ☐

InfluxDB Details

Database

User Password

HTTP Method

Database Access

Setting the database for this datasource does not deny access to other databases. The InfluxDB query syntax allows switching the database in the query. For example: `SHOW MEASUREMENTS ON _internal` or `SELECT * FROM "_internal"."database" LIMIT 10`

To support data isolation and security, make sure appropriate permissions are configured in InfluxDB.

Min time interval

[Save & Test](#) [Delete](#) [Back](#)

Now that your data source is set up, you can visualize Oak Device metrics, see Figure 1.4.

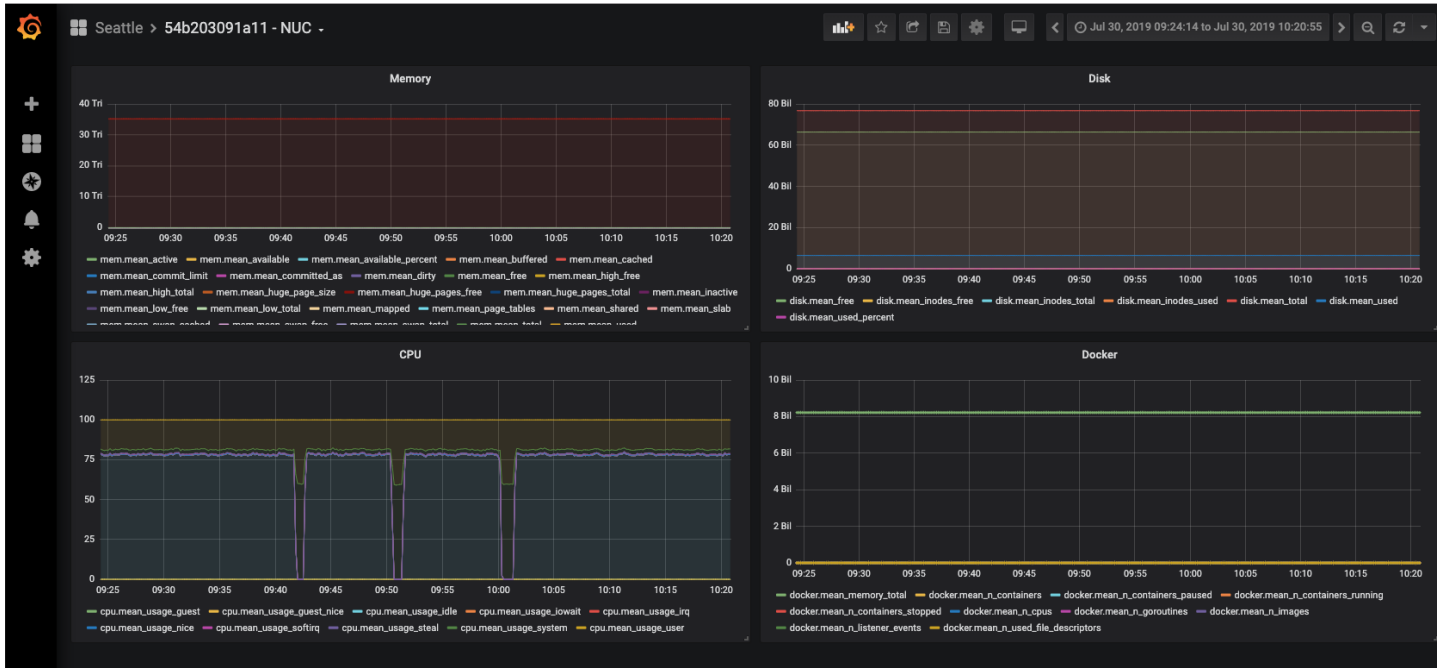


Figure 1.4 - Metrics for an Oak Device; visualized in Grafana.