

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**.

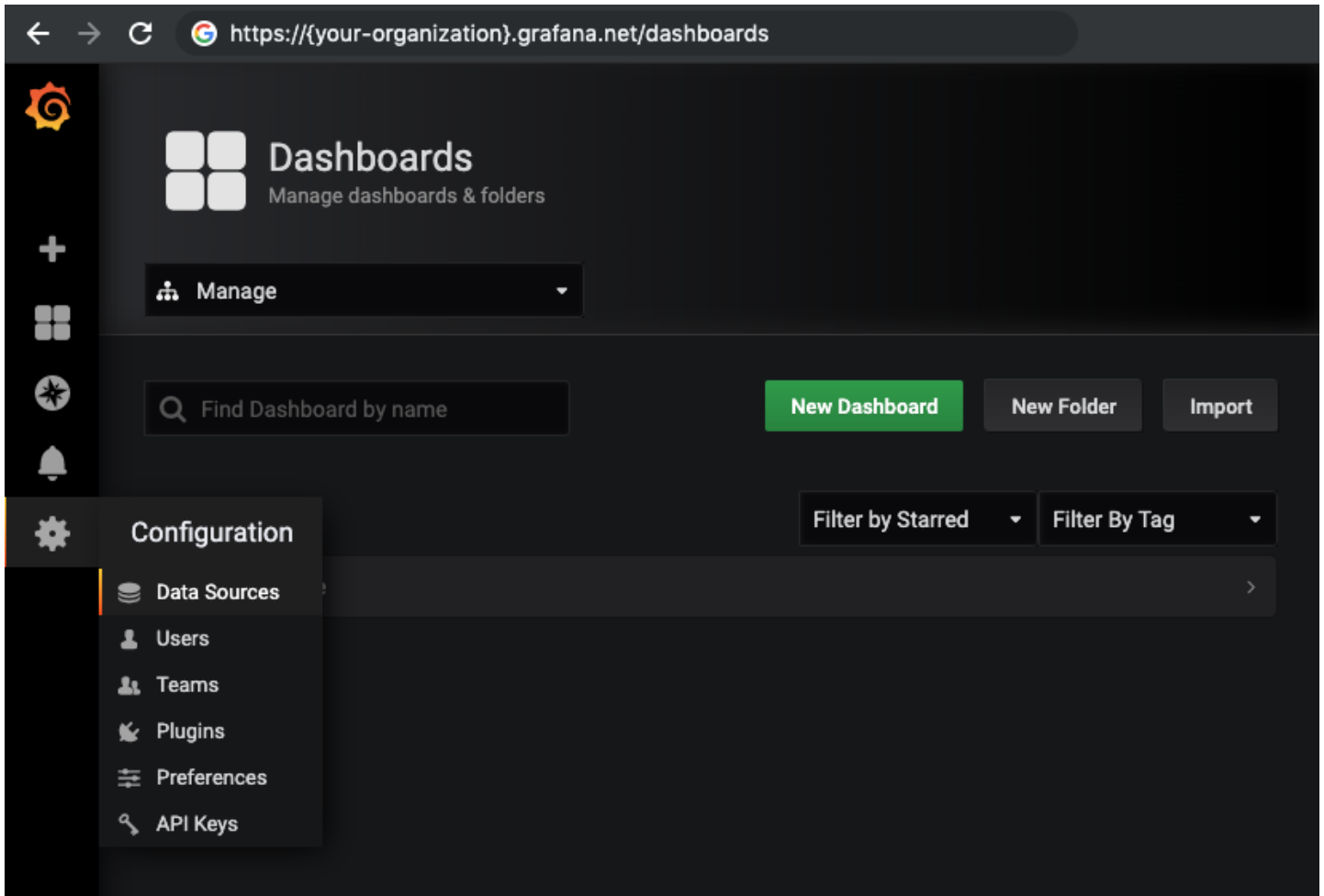


Figure 1.1 - Configure a data source for your organization at Grafana."

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

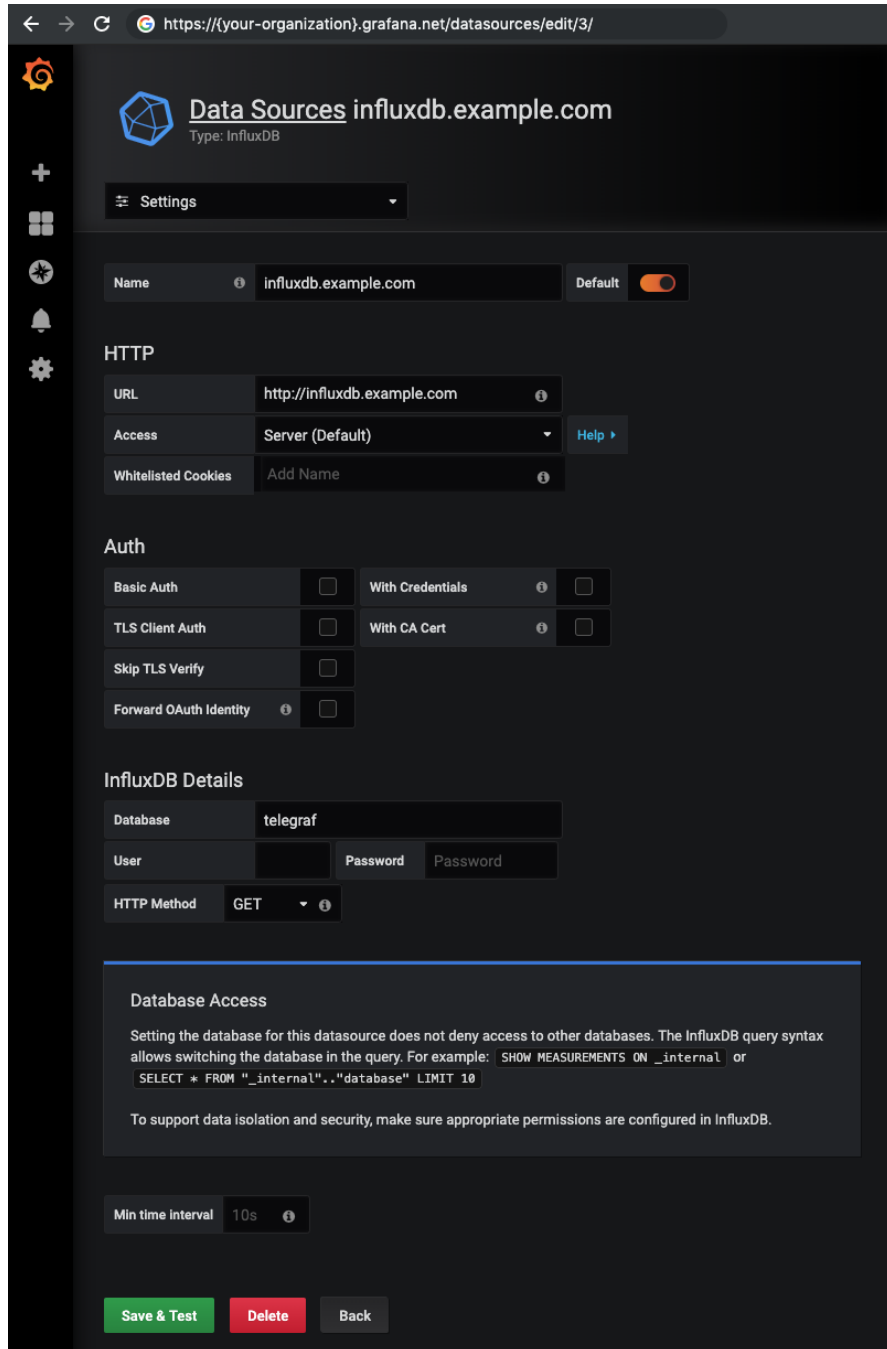
NOTE

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.



The screenshot shows the Grafana web interface for configuring a new InfluxDB data source. The browser address bar shows the URL: `https://(your-organization).grafana.net/datasources/edit/3/`. The page title is "Data Sources influxdb.example.com" with the subtitle "Type: InfluxDB". A "Settings" dropdown menu is visible. The "Name" field is set to "influxdb.example.com" and the "Default" toggle is turned on. Under the "HTTP" section, the "URL" is "http://influxdb.example.com", the "Access" is set to "Server (Default)", and there is a "Whitelisted Cookies" section with an "Add Name" button. The "Auth" section includes checkboxes for "Basic Auth", "TLS Client Auth", "Skip TLS Verify", and "Forward OAuth Identity", along with "With Credentials" and "With CA Cert" options. The "InfluxDB Details" section shows the "Database" set to "telegraf", "User" and "Password" fields, and the "HTTP Method" set to "GET". A "Database Access" warning box explains that setting the database does not deny access to other databases and provides an example query: `SHOW MEASUREMENTS ON _internal` or `SELECT * FROM "_internal"."database" LIMIT 10`. At the bottom, there is a "Min time interval" set to "10s" and three buttons: "Save & Test", "Delete", and "Back".

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

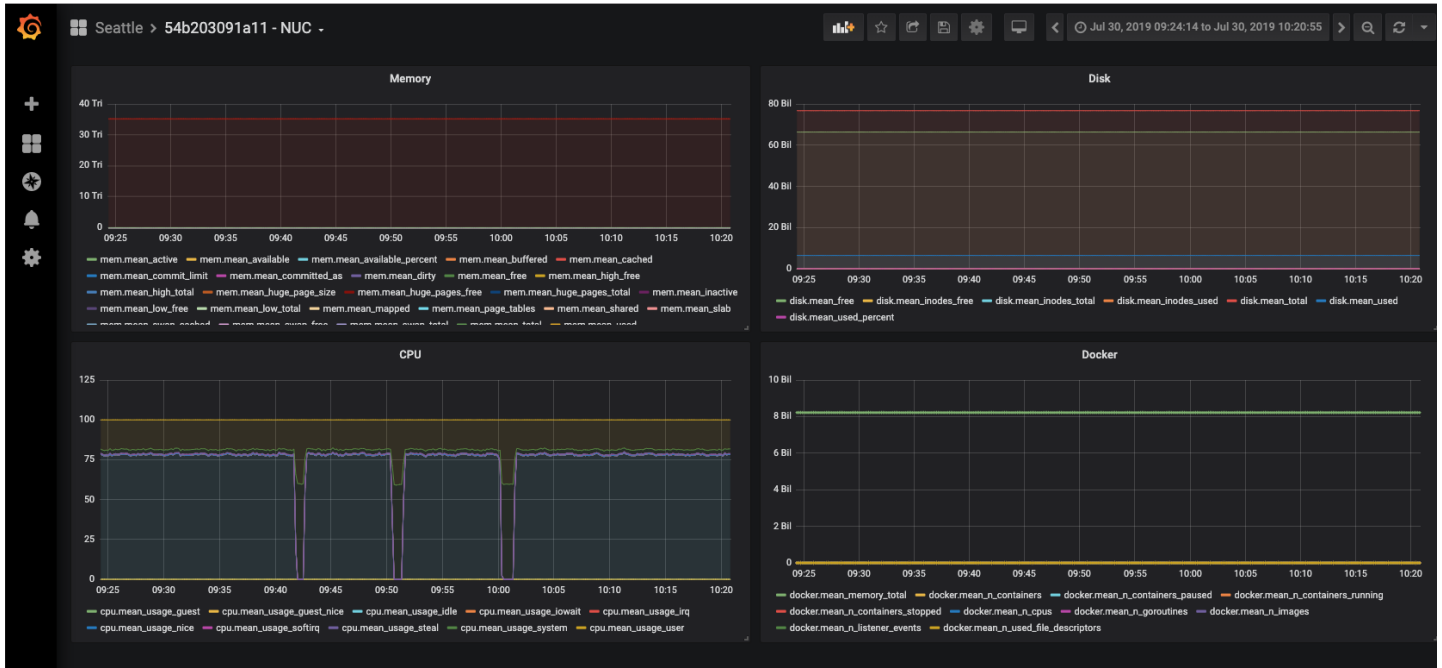


Figure 1.4 - Metrics for an Oak Device; visualized in Grafana.