Step 1: Installation of Influx DB

- Extract the zip file
- Run / double click the "influxd" server.
- Open the Influx DB by clicking on "influx". Follow the below procedure or write the below:

Statements

Show databases

Create database <database_name>
Eg: create database jmeter

Create user <username> password
'<password>'
Eg: create user root password 'root'

Use <database_name>
Eg: use jmeter

Start accessing the created database

Eg: use jmeter

Snippet of InfluxDB cmd:

Step 6: Installation of Grafana plugin and link InfluxDB

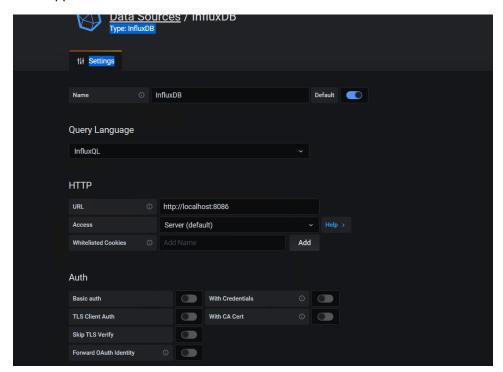
- Extract the zip file
- Run / double click the "grafana-server."
- In browser, enter "localhost:3000" to open Grafana UI.
- Go to "Data Source" → click "Add your First Data Source"
- Select "InfluxDB", as Database selection
- Update the following to configure and link Influx DB with Grafana:

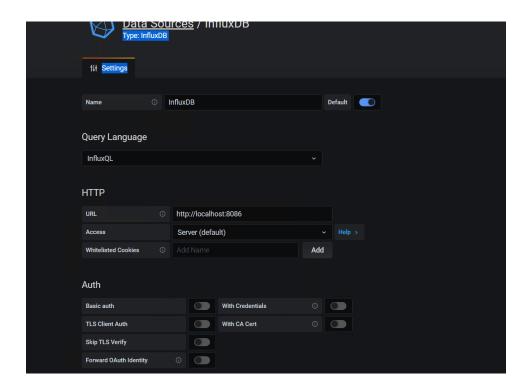
Tab Name	Parameters	Required Information
Setting	Name	Name of the Data Source
		Eg: InfluxDB, set as default
HTTP	URL	http://localhost:8086
InfluxDB Details	Database	Enter the DB name

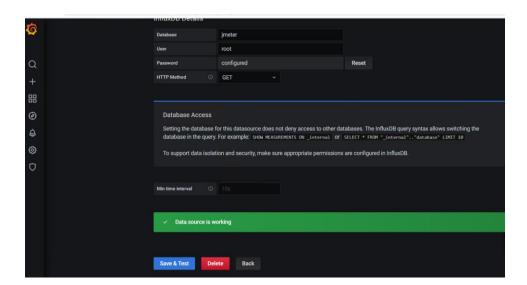
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	Eg: jmeter
User Name	Provide the username
	Eg: root
Password	Provide the username
	Eg: root
HTTP Method	Get

- Click "Save & Test" button, success message like Data source is working should be displayed.
- Snippets attached for reference:







Step 7: Installation and config of Grafana Dashboard

- Go to "localhost:3000" Grafana UI
- Import the JSON file as
 - o Click on + in the left menu bar
 - o Click on Import
 - o Click on Upload JSON file and browse for the file location

- Select the DB name (Select the name of the Data source, eg; InfluxDB)
- Ensure DBname as jmeter (as you created in influx)
- Click Import

Step 8: Validate the DB and Dashboard

- Run the JMETER script (use JmeterwithGrafana.jmx, while Influx DB server and Grafana servers are running
- Validate the JMETER results with Grafana Dashboard
 - o Note: to change the execution time from the options listed.