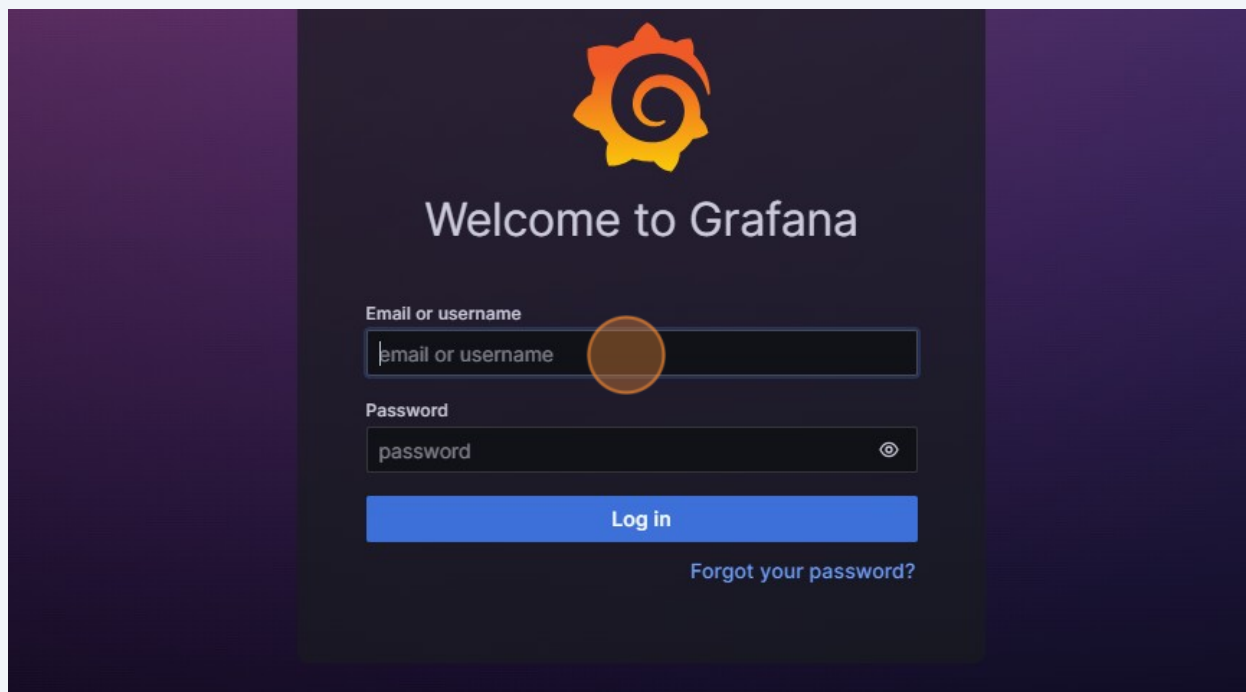


Step-by-Step Guide: Configuring InfluxDB Data Source in Grafana

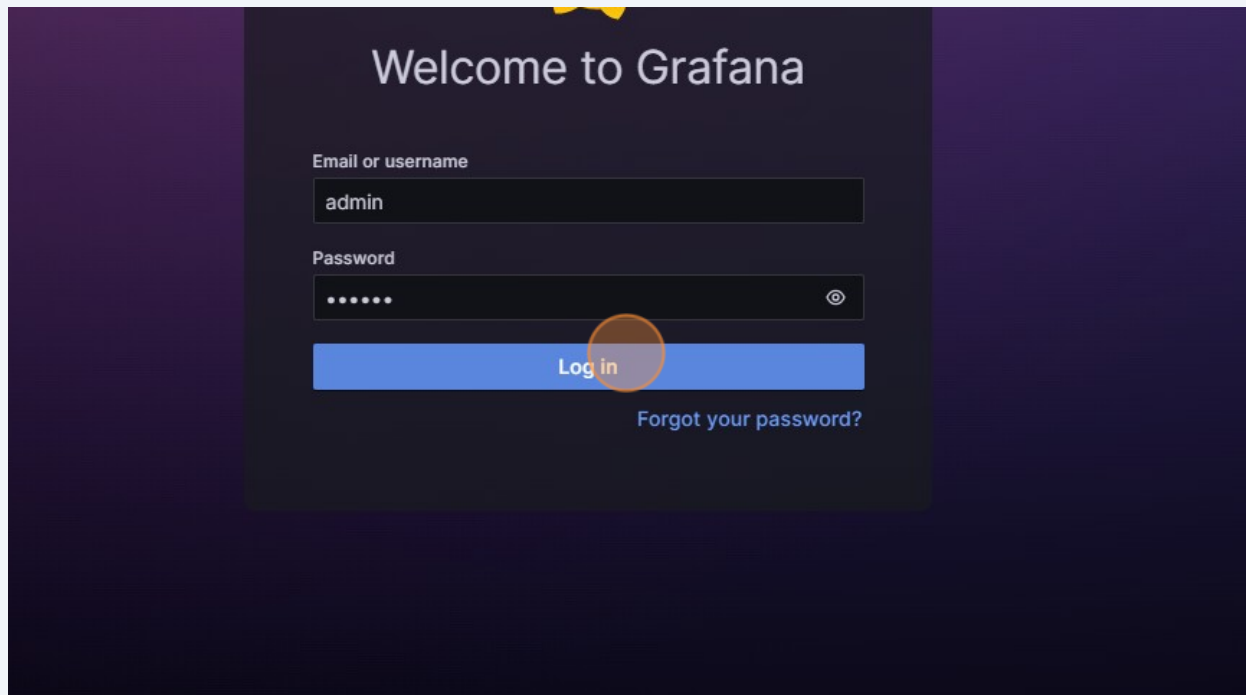
1 Navigate to <http://localhost:3000/login>

2 Click the "email or username" field.

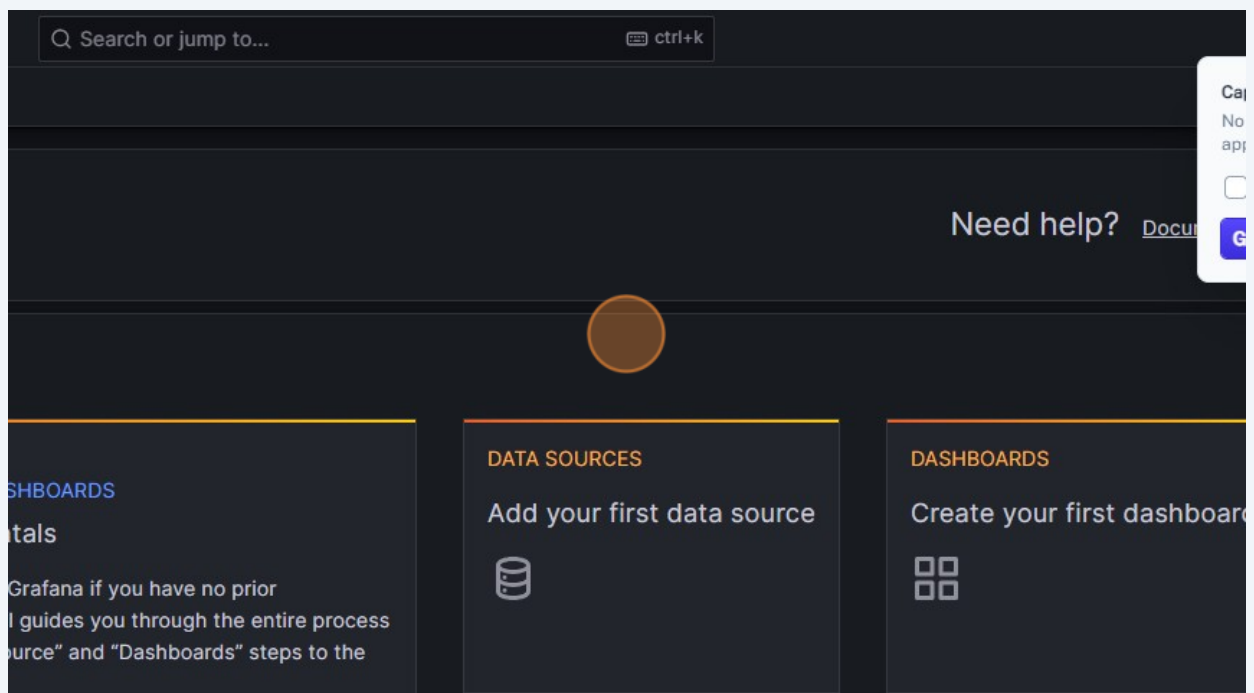


3 Type "admin **tab**"

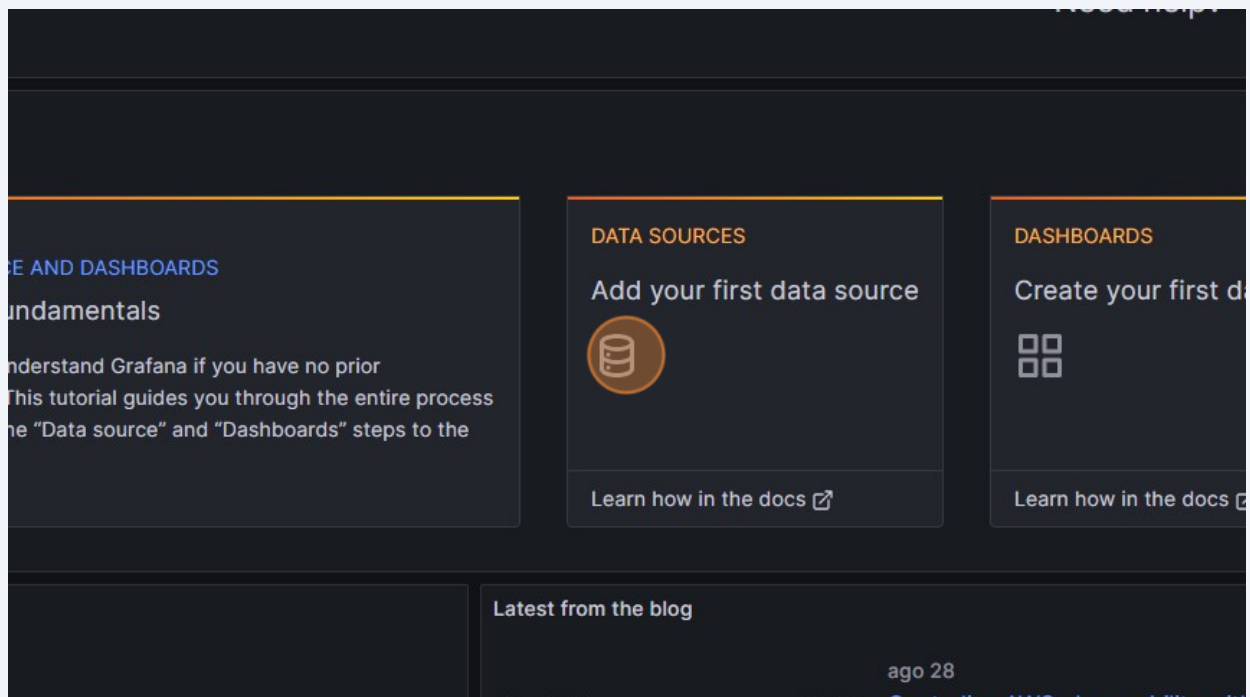
4 Click "Log in"



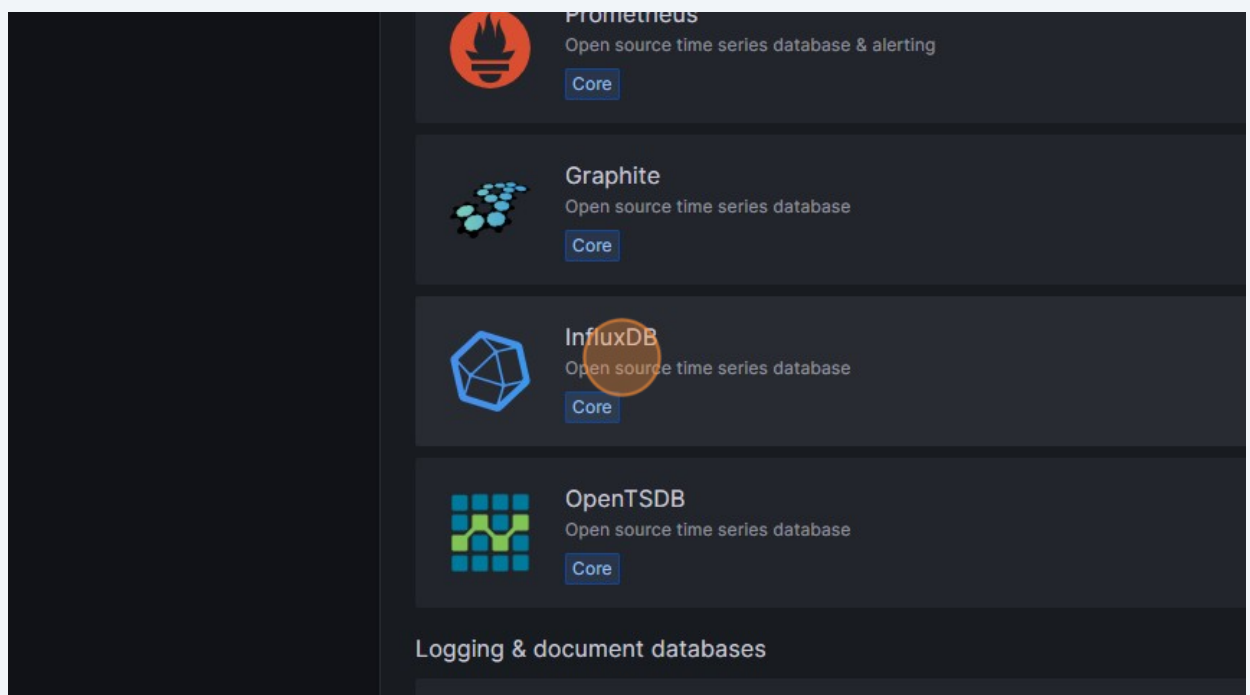
5 Click here.



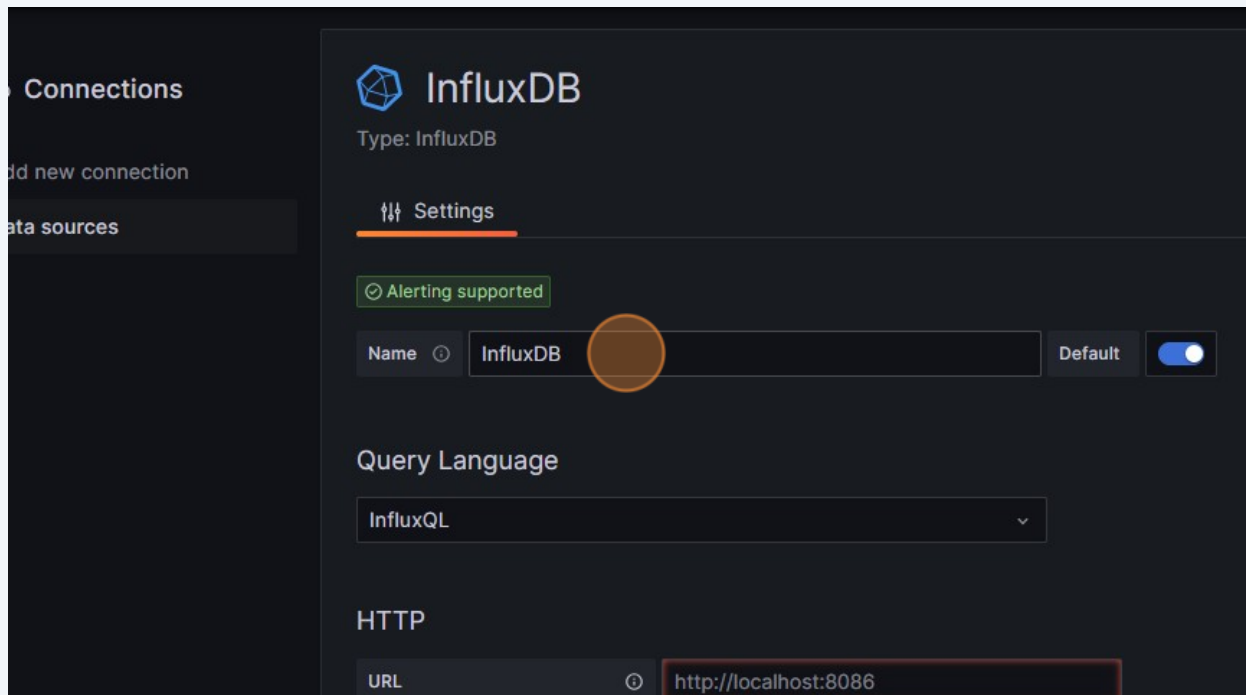
6 Click this icon.



7 Click "InfluxDB"



8 Click the "Name" field.



9 Type "telegraf **tab**"

10 Click here.

Settings

Alerting supported

Name Default ☒

Query Language

InfluxQL

HTTP

URL

Allowed cookies Add

Timeout

11 Click "Flux"

Name Default ☒

Query Language

InfluxQL

InfluxQL
The InfluxDB SQL-like query language.

Flux
Advanced data scripting and query language. Supported in InfluxDB 2.x and 1.8+

HTTP

URL

Allowed cookies Add

Timeout

Auth

Basic auth ☐ With Credentials ☐

TLS Client Auth ☐ With CA Cert ☐

- 12 Click the "<http://localhost:8086>" field.

Flux

Support for Flux in Grafana is currently in beta
Please report any issues to:
<https://github.com/grafana/grafana/issues>

HTTP

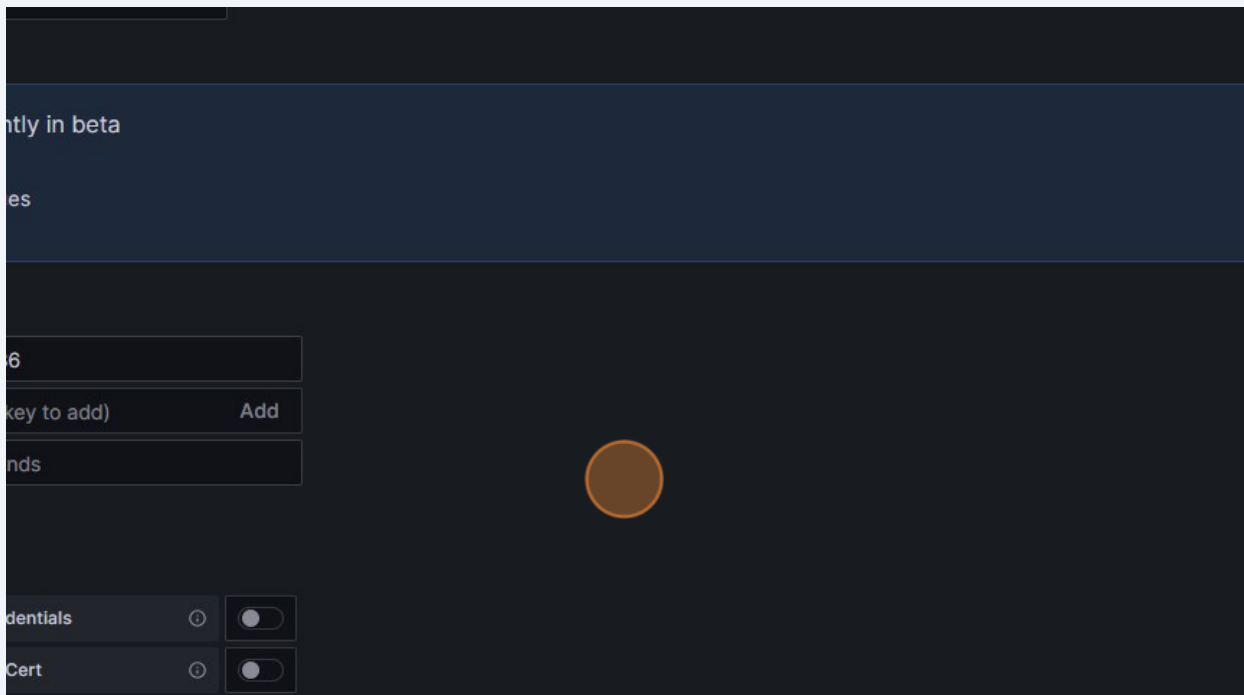
| | | | |
|-----------------|---|---|-----|
| URL | ⓘ | http://localhost:8086 | |
| Allowed cookies | ⓘ | New tag (enter key to add) | Add |
| Timeout | ⓘ | Timeout in seconds | |

Auth

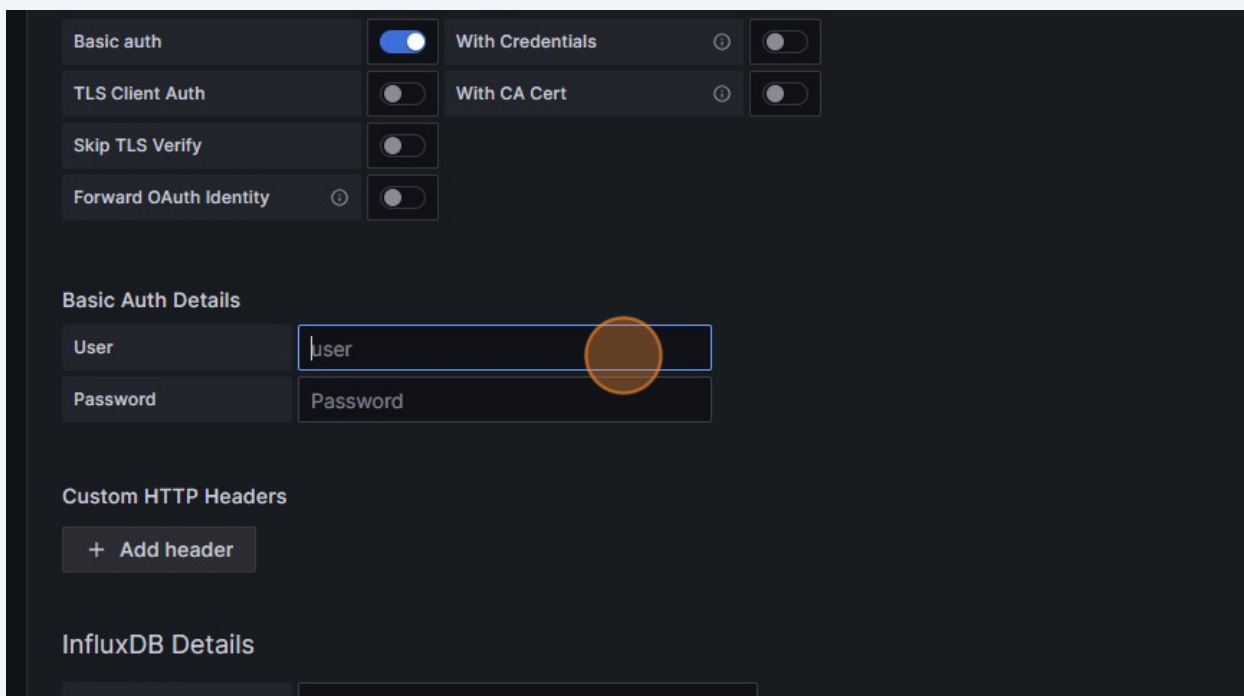
| | | | |
|-----------------|-------------------------------------|--------------------|--------------------------|
| Basic auth | <input checked="" type="checkbox"/> | With Credentials ⓘ | <input type="checkbox"/> |
| TLS Client Auth | <input type="checkbox"/> | With CA Cert ⓘ | <input type="checkbox"/> |

- 13 Type "<http://influx:8086> tab"

14 Click here.



15 Click the "user" field.

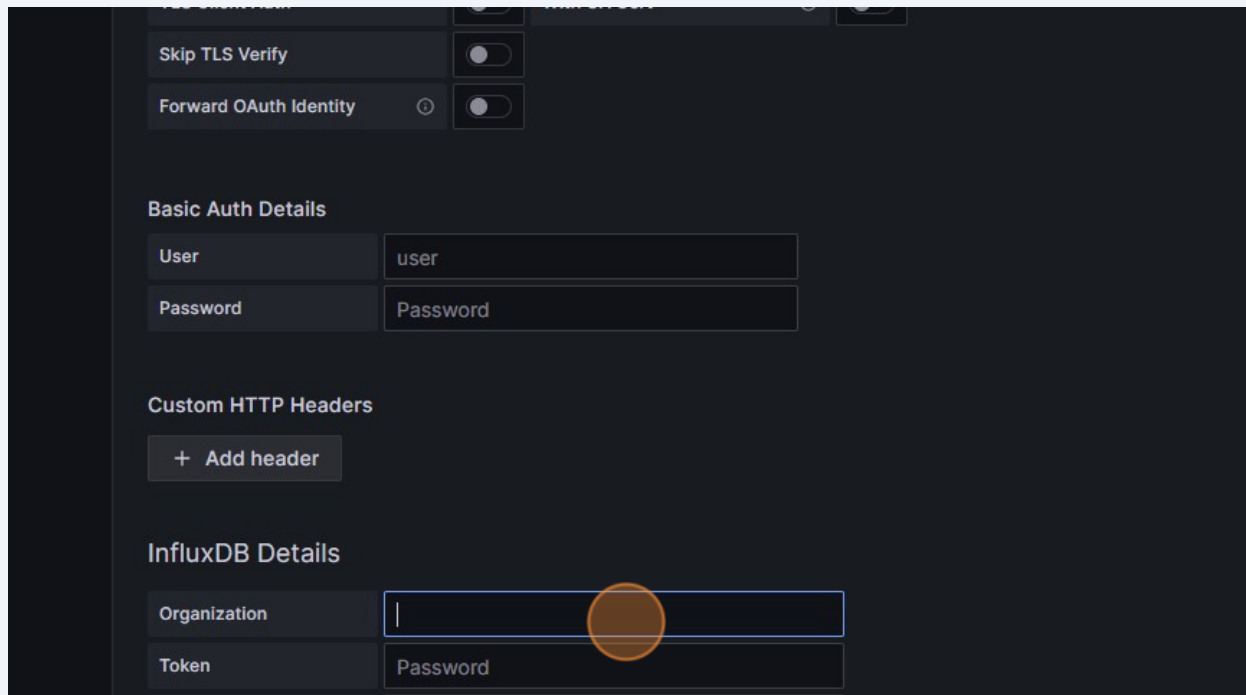


16 Type

17 Click here.

The screenshot shows a dark-themed configuration interface. At the top, there are two toggle switches: 'TLS Verify' and 'Standard OAuth Identity', both of which are currently turned off. Below these, the 'Auth Details' section contains two input fields: 'Username' with the value 'user' and 'Password' with the value 'Password'. Underneath the 'Auth Details' section is the 'Custom HTTP Headers' section, which features an 'Add header' button. A red circle is drawn around this button. Below the 'Add header' button is the 'OAuth2 Details' section, which includes an 'Organization' input field and a 'Password' input field.

18 Click the "Organization" field.



The screenshot shows a dark-themed configuration interface. At the top, there are two toggle switches: "Skip TLS Verify" and "Forward OAuth Identity". Below these are three sections: "Basic Auth Details" with fields for "User" (containing "user") and "Password" (containing "Password"); "Custom HTTP Headers" with a "+ Add header" button; and "InfluxDB Details" with fields for "Organization" (containing a cursor) and "Token" (containing "Password"). A brown circular callout with a white border is positioned over the "Organization" input field.

19 Type "telegraf **tab**"

20 Click "Save & test"

The screenshot shows a dark-themed configuration interface. At the top, there are two 'Password' input fields. Below them is a section titled 'Custom HTTP Headers' with a '+ Add header' button. The main section is titled 'InfluxDB Details' and contains several input fields: 'Organization' (telegraf), 'Token' (masked with dots), 'Default Bucket' (default bucket), 'Min time interval' (10s), and 'Max series' (1000). At the bottom left is a blue circular icon. At the bottom right are two buttons: 'Delete' (pink) and 'Save & test' (blue). The 'Save & test' button is circled in orange.

21 Click the "Password" field.

The screenshot shows a dark-themed configuration interface. At the top, there are several toggle switches: 'TLS Client Auth', 'Skip TLS Verify', 'Forward OAuth Identity', 'With CA Cert', and 'With OAuth Identity'. Below these is a section titled 'Basic Auth Details' with two input fields: 'User' (user) and 'Password' (Password). The 'Password' field is circled in orange. Below this is a section titled 'Custom HTTP Headers' with a '+ Add header' button. At the bottom is a section titled 'InfluxDB Details' with an 'Organization' input field (telegraf).

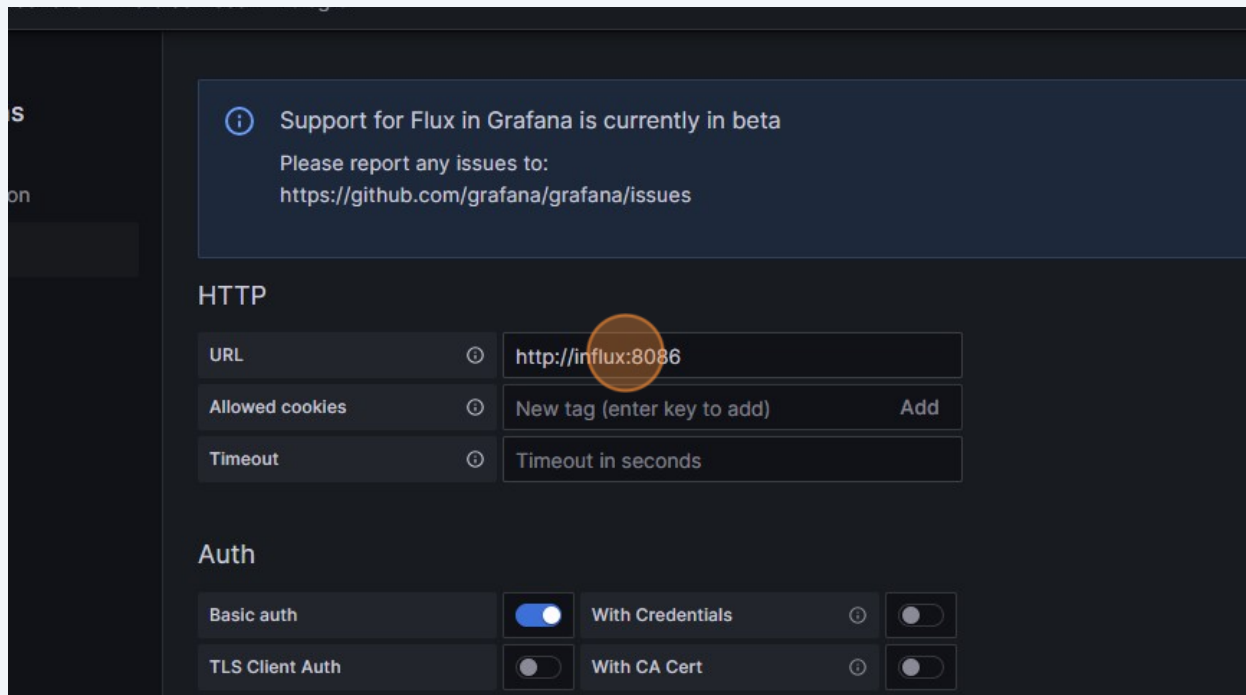
22 Click the "Password" field.

The screenshot shows a configuration interface with a dark theme. At the top, there are three rows of settings, each with a label, a toggle switch, and a secondary label with its own toggle: 'TLS Client Auth' (toggle on), 'With CA Cert' (toggle on), 'Skip TLS Verify' (toggle off), and 'Forward OAuth Identity' (toggle off). Below these is the 'Basic Auth Details' section, which contains two input fields: 'User' with the value 'user' and 'Password' with the value 'Password'. The 'Password' field is highlighted with an orange circle. Below this is the 'Custom HTTP Headers' section with a '+ Add header' button. At the bottom is the 'InfluxDB Details' section with an 'Organization' field containing the value 'telegraf'.

23 Click here.

The screenshot shows a configuration interface with a dark theme. At the top, there are three rows of settings, each with a label, a toggle switch, and a secondary label with its own toggle: 'With Credentials' (toggle on), 'With CA Cert' (toggle off), and an unlabeled row with a toggle off. Below these is the 'Basic Auth Details' section, which contains two input fields: 'User' with the value 'user' and 'Password' with the value 'Password'. A large orange circle is positioned over the 'Password' field. Below this is the 'InfluxDB Details' section with an 'Organization' field containing the value 'telegraf'.

24 Click the "<http://localhost:8086>" field.



Support for Flux in Grafana is currently in beta
Please report any issues to:
<https://github.com/grafana/grafana/issues>

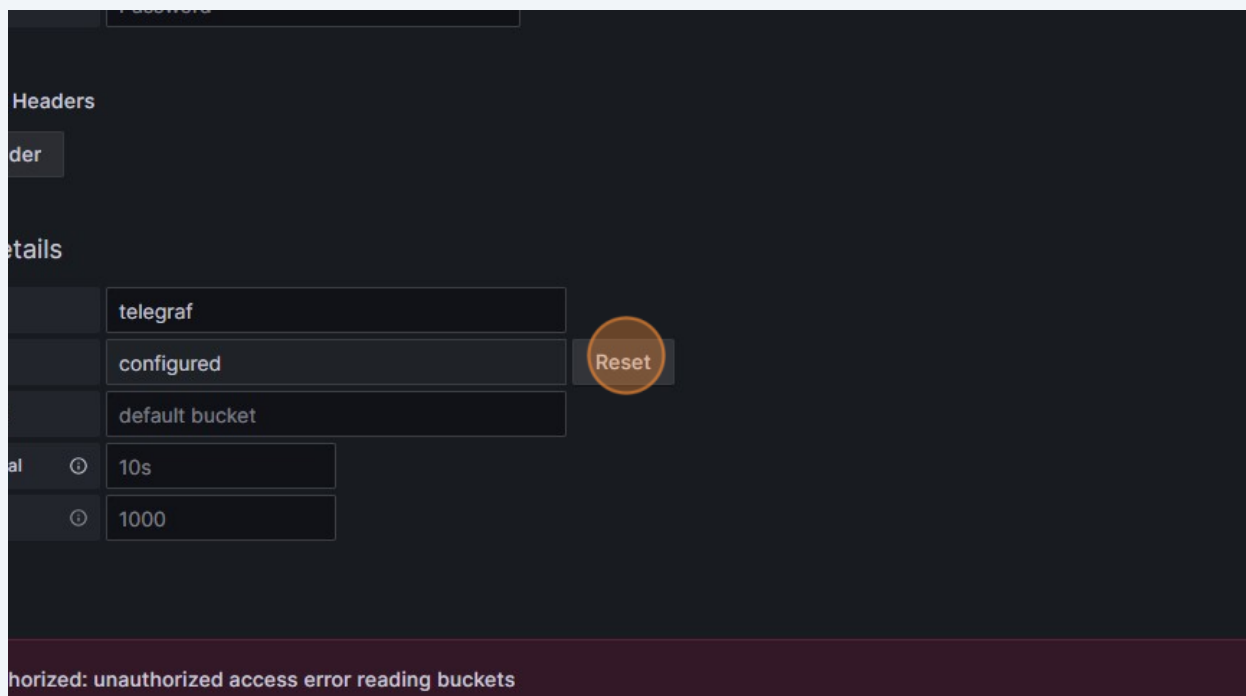
HTTP

| | |
|-----------------|--|
| URL | <input type="text" value="http://influx:8086"/> |
| Allowed cookies | <input type="text" value="New tag (enter key to add)"/> <button>Add</button> |
| Timeout | <input type="text" value="Timeout in seconds"/> |

Auth

| | | | |
|-----------------|-------------------------------------|------------------|--------------------------|
| Basic auth | <input checked="" type="checkbox"/> | With Credentials | <input type="checkbox"/> |
| TLS Client Auth | <input type="checkbox"/> | With CA Cert | <input type="checkbox"/> |

25 Click "Reset"



Headers

der

etails

| | |
|----|--|
| | <input type="text" value="telegraf"/> |
| | <input type="text" value="configured"/> <button>Reset</button> |
| | <input type="text" value="default bucket"/> |
| al | <input type="text" value="10s"/> |
| | <input type="text" value="1000"/> |

horized: unauthorized access error reading buckets

26 Click the "Password" field.

Custom HTTP Headers

+ Add header

InfluxDB Details

| | |
|---------------------|----------------|
| Organization | telegraf |
| Token | password |
| Default Bucket | default bucket |
| Min time interval ⓘ | 10s |
| Max series ⓘ | 1000 |

! unauthorized: unauthorized access error reading buckets

27 Click "Save & test"

InfluxDB Details

| | |
|---------------------|----------------|
| Organization | telegraf |
| Token | |
| Default Bucket | default bucket |
| Min time interval ⓘ | 10s |
| Max series ⓘ | 1000 |

! unauthorized: unauthorized access error reading buckets

Delete Save & test

28 Click "Save & test"

The screenshot shows the 'InfluxDB Details' configuration page. It includes fields for Organization (telegraf), Token (configured), Default Bucket (default bucket), Min time interval (10s), and Max series (1000). A green success message states 'datasource is working. 3 buckets found'. At the bottom, the 'Save & test' button is highlighted with an orange circle.

| Field | Value |
|-------------------|----------------|
| Organization | telegraf |
| Token | configured |
| Default Bucket | default bucket |
| Min time interval | 10s |
| Max series | 1000 |

✓ datasource is working. 3 buckets found

Next, you can start to visualize data by [building a dashboard](#), or by querying data

[Delete](#) [Save & test](#)

29 Click "Data sources"

The screenshot shows the Grafana 'Data sources' page for a 'telegraf' connection. The left sidebar has a 'Data sources' link circled in orange. The main panel shows the 'Settings' tab for the 'telegraf' InfluxDB connection, including a 'Name' field set to 'telegraf' and a 'Query Language' dropdown set to 'Flux'.

Home > Connections > Data sources > telegraf

Connections

Add new connection

[Data sources](#)

telegraf

Type: InfluxDB

Settings

Alerting supported

Name telegraf

Default

Query Language

Flux