

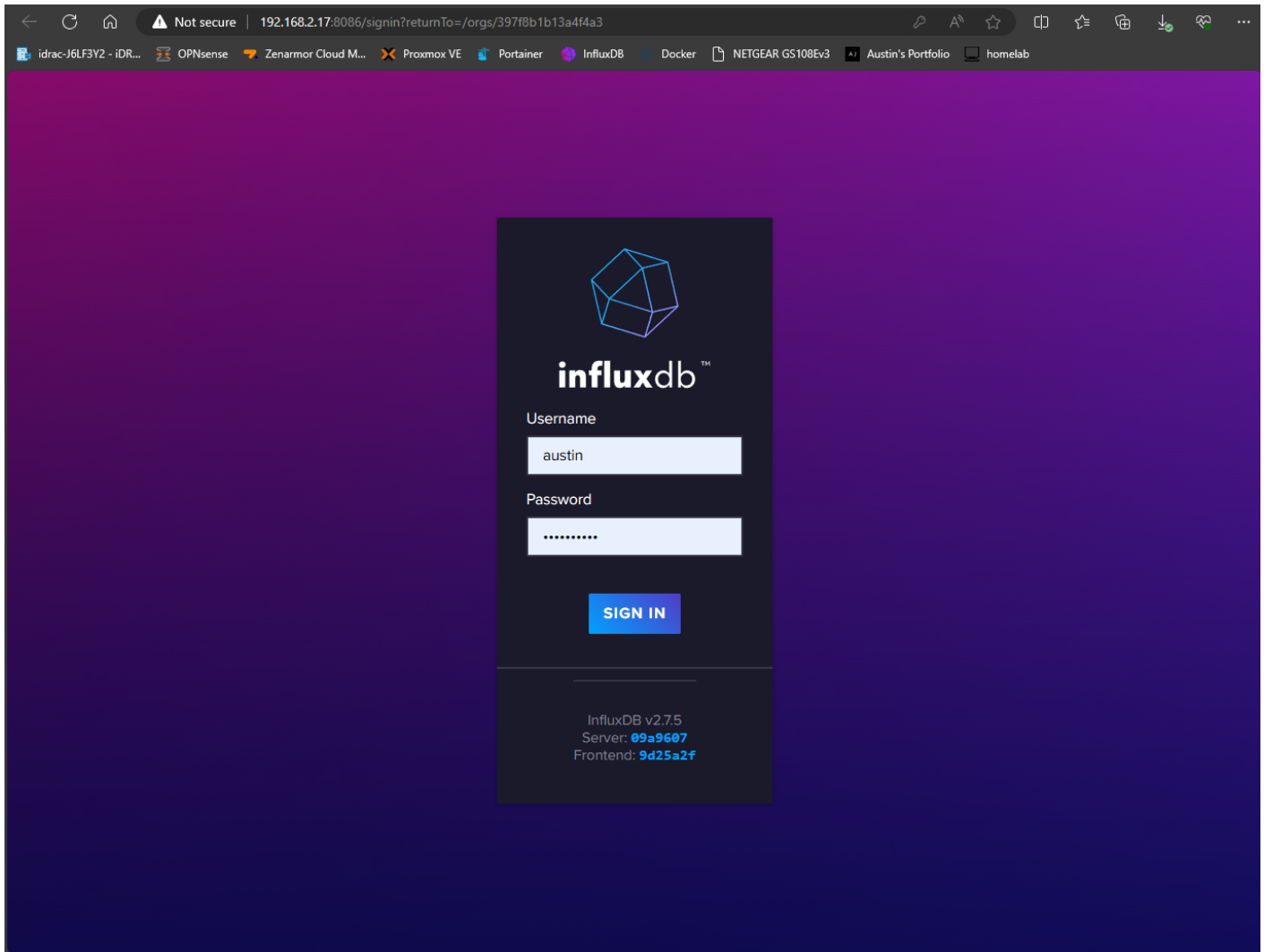
# InfluxDB

Database to store data from OPNsense and Proxmox. Will be used to populate Grafana Dashboards

- [GUI Preview](#)

# GUI Preview

Once your docker container is configured and running, you should be able to access the Web GUI:



Create buckets to store and query data via the Data Explorer tab:

The screenshot displays the 'Load Data' section of the InfluxDB web interface. A sidebar on the left contains navigation icons. The main header 'Load Data' is at the top left. Below it, a horizontal menu shows 'SOURCES', 'BUCKETS' (which is selected), 'TELEGRAF', 'SCRAPERS', and 'API TOKENS'. A search bar with the placeholder 'Filter buckets...' and a 'Sort by Name (A - Z)' dropdown are positioned above the bucket list. A '+ CREATE BUCKET' button is in the top right corner. The bucket list contains four entries: 'OPNsense' (Retention: 7 days, ID: f16415c5dfab1366), 'proxmox' (Retention: 7 days, ID: bada62b3427c732a), '\_monitoring' (System Bucket, Retention: 7 days, ID: e35d6b8665bcfbf0), and '\_tasks' (System Bucket, Retention: 3 days, ID: 6435c17f311f75f4). Each entry has an 'Add a label' button and '+ ADD DATA' and 'SETTINGS' buttons. A blue informational box on the right titled 'What is a Bucket?' explains that buckets are named locations for time series data with retention policies and provides a link to learn how to write data.

**Load Data**

SOURCES **BUCKETS** TELEGRAF SCRAPERS API TOKENS

Q Filter buckets... Sort by Name (A - Z) + CREATE BUCKET

**OPNsense** Retention: 7 days ID: f16415c5dfab1366 + Add a label + ADD DATA SETTINGS

**proxmox** Retention: 7 days ID: bada62b3427c732a + Add a label + ADD DATA SETTINGS

**\_monitoring** System Bucket Retention: 7 days ID: e35d6b8665bcfbf0

**\_tasks** System Bucket Retention: 3 days ID: 6435c17f311f75f4

1

**What is a Bucket?**

A bucket is a named location where time series data is stored. All buckets have a **Retention Policy**, a duration of time that each data point persists.

Here's [how to write data](#) into your bucket.

Once you create connections from buckets to your systems using the API tokens, select the bucket. You should be able to view the raw data being collected. After setting up my Proxmox bucket to receive data from my Proxmox VE to the influxDB, you can see it working below:

Data Explorer

Graph

CUSTOMIZE

UTC

SAVE AS

table	_measurement	_field	_value	_start	_stop	_time	host	object
mean	group string	group string	no group double	group dateTime:RFC3339	group dateTime:RFC3339	no group dateTime:RFC3339	group string	group string
0	memory	arcsz	1134658024	2024-03-24T22:37:36.557Z	2024-03-24T22:38:36.557Z	2024-03-24T22:37:43.000Z	pve	nodes
0	memory	arcsz	1134569888	2024-03-24T22:37:36.557Z	2024-03-24T22:38:36.557Z	2024-03-24T22:37:53.000Z	pve	nodes
0	memory	arcsz	1134690656	2024-03-24T22:37:36.557Z	2024-03-24T22:38:36.557Z	2024-03-24T22:38:03.000Z	pve	nodes

< 1 2 3 4 5 ... 60 >

Query 1 (0.05s)

+

View Raw Data

Past 1m

SCRIPT EDITOR

SUBMIT

FROM

Search buckets

OPNsense

proxmox

\_monitoring

\_tasks

+ Create Bucket

Filter

\_measurement

2

Search \_measurement tag va

ballooninfo

blockstat

cpustat

memory

nics

proxmox-support

system

Filter

nodename

Search nodename tag values

pve

Filter

object

Search object tag values

nodes

qemu

WINDOW PERIOD

CUSTOM

AUTO

auto (1s)

Fill missing values

AGGREGATE FUNCTION

CUSTOM

AUTO

mean

median

last