



Jeff's Nerdy Obsession

The background is an abstract composition of overlapping geometric shapes. At the top, a dark teal triangle points downwards. Below it, a light green trapezoid points upwards. The central area is dominated by a large teal shape. At the bottom, another dark teal triangle points upwards, and a light green trapezoid points downwards. The overall effect is a layered, mountain-like or landscape-like structure.

This is my homelab

It's more like a collection of stuff





The background is an abstract composition of overlapping geometric shapes. A large teal shape occupies the center, with darker teal and lighter lime green shapes layered on top and bottom, creating a sense of depth and movement.

This is my homelab

It's mine not yours

The background is an abstract composition of overlapping geometric shapes. At the top, a dark teal triangle points downwards. Below it, a large teal trapezoid dominates the center. The bottom features a dark teal trapezoid pointing upwards, overlapping a light green trapezoid. The entire design is set against a light green background.

But that's not all!

The background consists of several overlapping geometric shapes. A large teal shape occupies the center, with a dark teal shape on top and a light green shape on the right. Below the teal shape is another dark teal shape, and at the bottom is a light green shape. The overall effect is a layered, abstract landscape.

A slice of $\text{Pi}(s)$





The background consists of several overlapping geometric shapes. At the top, there's a dark teal triangle pointing downwards. Below it, a light green trapezoid extends to the right. The middle section is dominated by a large teal shape that tapers towards the right. At the bottom, there's another dark teal shape pointing upwards, and a light green trapezoid extending to the left. The overall effect is a layered, abstract landscape.

Okay so what are you running?

This setup looks weak.

Kubernetes

Gogs

Drone

PiHole

Grafana

Prometheus

Docker Registry

InfluxDB

LAN Cacher

Kibana

Elasticsearch

MySQL

Cacher

OpenHAB

Emby

... And some other cool media services (ask me later)

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Highly Available

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It started with a joke.

Because I'm hilarious.





KEEP
CALM
AND
Git
Gud



KEEP
CALM
AND
Git
Gud



GIT GUD EDITION



KEEP
CALM
AND
Git
Gud







git gud? git.gud? Oh I'm funny.
- Me

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Ok we need custom DNS

PiHole



Home DNS Cacher + Ad Blocker built in

Requests to known ad networks route nowhere

Add custom DNS entries to be cool

<https://pi-hole.net/>

The background is an abstract composition of overlapping geometric shapes, primarily triangles and polygons, in various shades of green and teal. The colors range from a bright lime green to a dark, almost blackish-green. The shapes are layered to create a sense of depth and movement, with some shapes appearing to recede into the background while others come forward.

Now a git repo

Or rather, a full CI/CD setup

Gogs + Drone



Gogs is a lightweight github clone written in Golang

Drone is a lightweight build pipeline written in...
Golang

<https://gogs.io/>

<https://drone.io/>

DNS so far

pi.hole

git.gud

drone.gud

grafana.gud

kubernetes.gud

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Wait you said

**Highly
Available**

Wait you said



How?

You have a mixed architecture setup.

<> Code

! Issues 0

🔗 Pull requests 0

📁 Projects 0

📖 Wiki

📊 Insights

⚙ Settings

Kubernetes initializer to allow multi-architecture pods through annotations

Edit

[Add topics](#)

🕒 47 commits

🌿 1 branch

📦 0 releases

👤 1 contributor

Branch: master ▾

New pull request

Create new file

Upload files

Find file

Clone or download ▾



jeefy forgot cwd

Latest commit 2067fc0 7 days ago

📁 initializer	We got tests now. Updated some of code base to make testing easier.	7 days ago
📁 manifests	Don't need that, we always require the annotation.	7 days ago
📄 .drone.yml	forgot cwd	7 days ago
📄 .gitignore	dat gitignore tho	15 days ago
📄 Dockerfile	change stuff to work with plugin	14 days ago
📄 README.md	Move things into a manifests folder	13 days ago

📖 README.md

```
spec:
  replicas: 2
  strategy:
    type: RollingUpdate
  template:
    metadata:
      creationTimestamp: null
      labels:
        io.kompose.service: pihole
    annotations:
      initializer.kubernetes.io/multiarch: '{"arm":{"pihole":"diginc/pi-hole:arm_v3.1"}}'
    spec:
      containers:
```

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    spec:
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```

Node-reported
Architecture

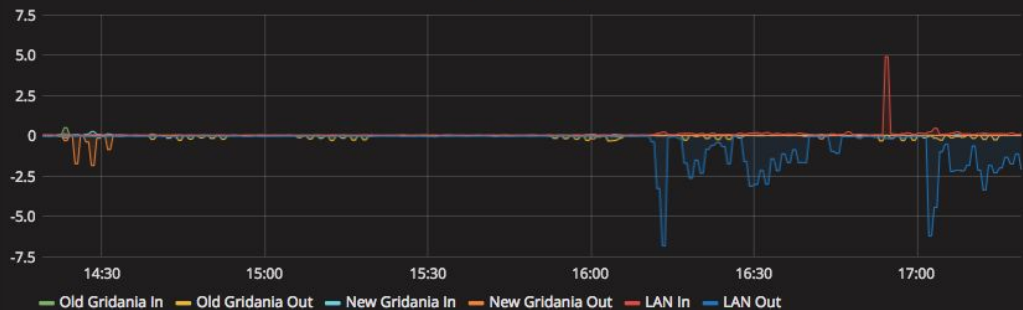
Container name
within pod



Grafana

Network and Kubernetes Stats

Network Traffic



Wifi Clients

7

WAN In

0.53Mbps

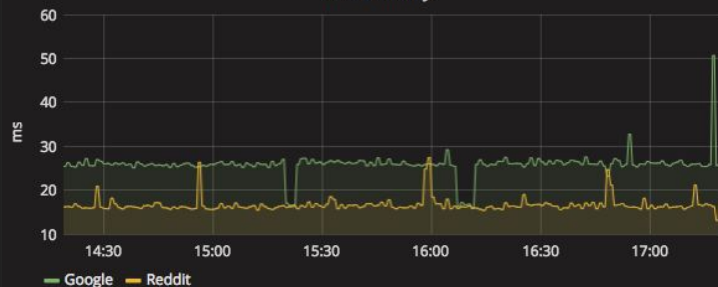
WAN Out

0.06Mbps

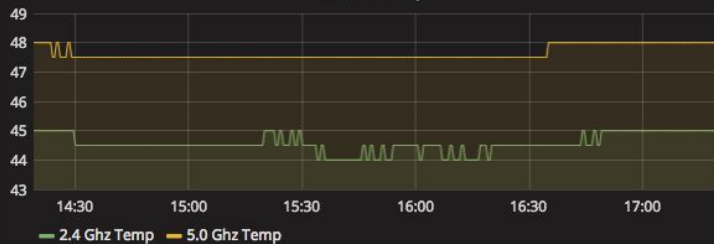
WAN Bandwidth



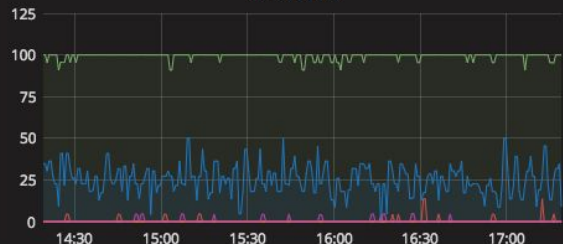
WAN Latency



Router Temp

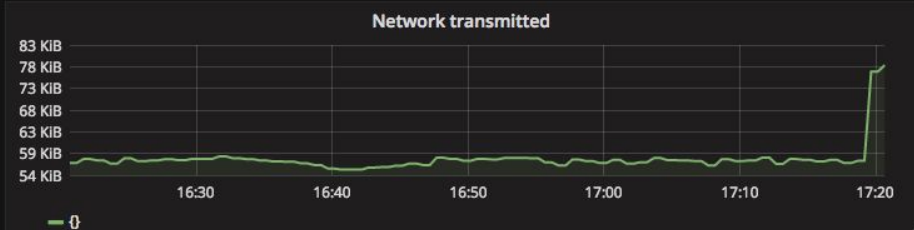
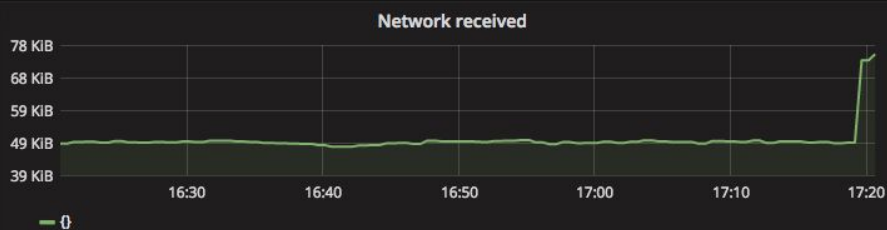
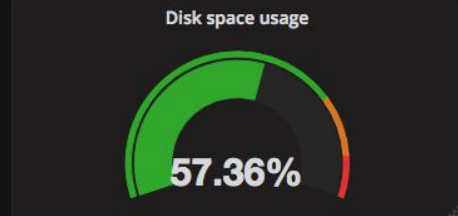
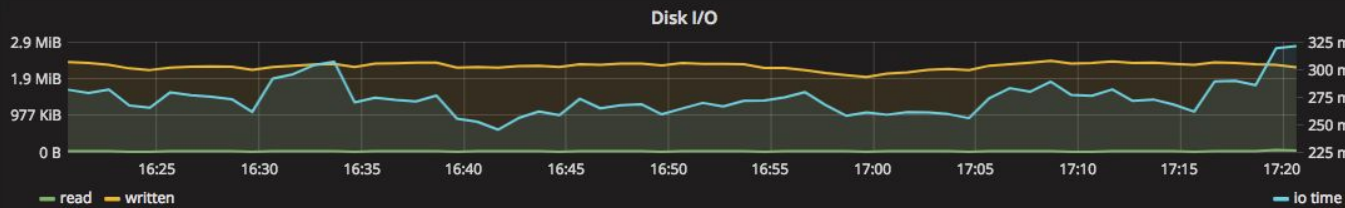
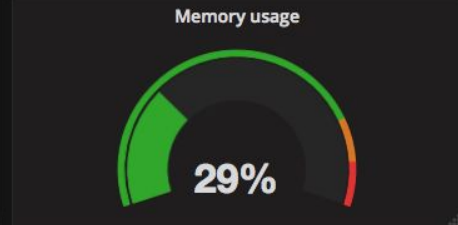
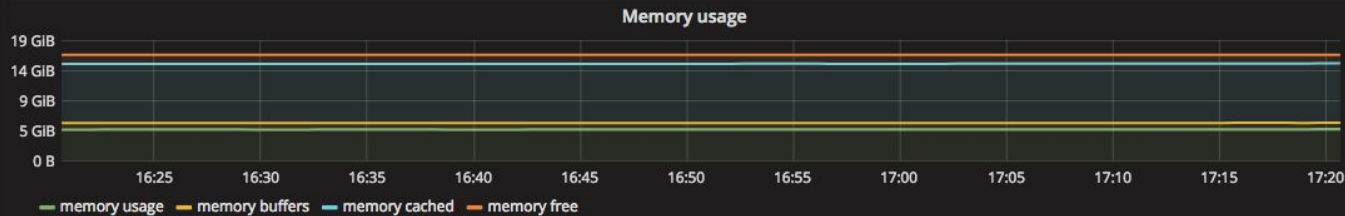
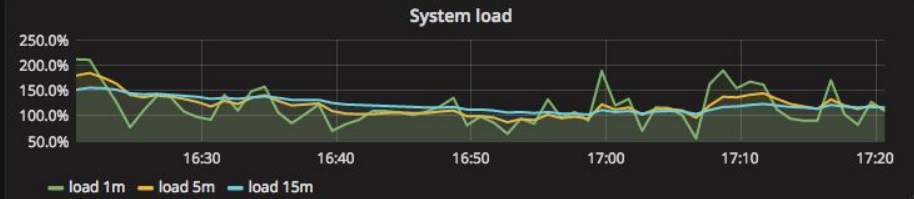
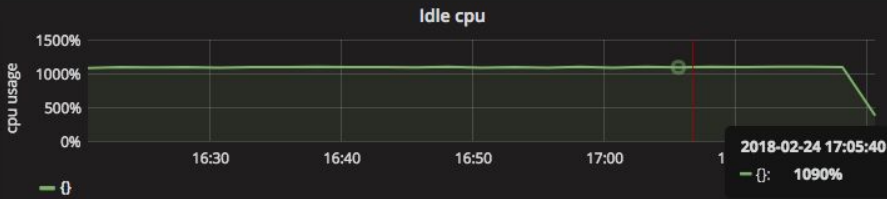


Router CPU



Router Memory





The background is an abstract composition of overlapping geometric shapes. A large, dark teal triangle points downwards from the top left. A lighter green triangle points upwards from the bottom left. A large teal trapezoid is in the center. The top and bottom edges of the central teal area are defined by these overlapping triangles. The text "Just scratching the surface" is centered within the teal trapezoid in a white, sans-serif font.

Just scratching the surface

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Kubernetes at home

It will become more widespread



Kubernetes at home

It will become an operating system for the home

Questions / Inspiration

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