

Team B6 Chimera

Names here

Put slides in your home directory, then you can modify

Talk about your work, know what each person is doing, personal slides

Due the next class

In sprint 1: pick easy things to do (most start off with minimal website)

This slide: reviews what you did in the first sprint.

Aihemaiti (gulsum) - UI design



Sidebar Menu

- Overview
- Metrics
- Documentation
- Team members
- Styling

Dez

Reformat website

Darkmode

Implement sliding scroll

Emails

- meeting setup

Chimera Performance Metrics

[Overview](#) [Metrics](#) [Documentation](#)

Project Overview

This project is about collecting and showing Chimera user's friendly dashboard.

Metrics

This is where all the metrics will be on the website

Documentation

This is where all documentation will go including testing

Stephanie H

- Prometheus documentation
 - Node-exporter, expose endpoint on Chimera cluster
 - [https://notes.kodekloud.com/docs/Kubemetes-and-Cloud-Native-Observability/Prometheus-Node-Exporter/page](https://notes.kodekloud.com/docs/Kubemetes-and-Cloud-Native-Associate-KCNA/Cloud-Native-Observability/Prometheus-Node-Exporter/page)
 - Tested node_exporter on disk2/test-step
 - Run: ./node_exporter on default port 9100.
- OPTIMIZATION: Potential docker image?
- Potential system file for the node-exporter.
- Set up prometheus onto babbage
 - Tested on @babbage:/disk2/test-step
 - Run ./prometheus on default port 9090.
 - Server works but cannot access through browser.
 - Tested locally and works, port can be opened to prometheus dashboard.

```
drwxr-xr-x  8 stepnie ugrad 4096 Mar 11 22:18 .
drwxrwxrwx 21 root    root  4096 Mar 10 22:08 ..
drwxr-xr-x  2 stepnie ugrad 4096 Mar 10 15:10 bin
drwxr-xr-x  3 stepnie ugrad 4096 Mar 10 15:35 chimera-dashboard
drwxr-xr-x  2 stepnie ugrad 4096 Mar 10 15:10 include
drwxr-xr-x  3 stepnie ugrad 4096 Mar 10 15:10 lib
lrwxrwxrwx  1 stepnie ugrad   3 Mar 10 15:10 lib64 -> lib
drwxr-xr-x  2 stepnie ugrad 4096 Oct 25 16:10 node_exporter-1.10.2.linux-amd64
drwxr-xr-x  2 stepnie ugrad 4096 Feb 25 16:46 prometheus-3.10.0.linux-amd64
-rw-r--r--  1 stepnie ugrad  71 Mar 10 15:10 pyvenv.cfg
stepnie@babbage:/disk2/test-step$
```

```
time=2026-03-11T22:09:05.079-04:00 level=INFO source=node_exporter.go:141 msg=xfs
time=2026-03-11T22:09:05.079-04:00 level=INFO source=node_exporter.go:141 msg=zfs
time=2026-03-11T22:09:05.080-04:00 level=INFO source=tls_config.go:346 msg="listening on" address=[::]:9100
time=2026-03-11T22:09:05.080-04:00 level=INFO source=tls_config.go:349 msg="TLS is disabled." http2=false address=[::]:9100
```

```
stepnie@babbage:/disk2/test-step/prometheus-3.10.0.linux-amd64$ curl http://158.121.95.41:9090/
<a href="/query">Found</a>.
```

Curl

<http://localhost:9100/metrics>

Dhruv.D

- Work on the basic overview.
- Set basic requirements for the project.
- [Code site](#)

Chimera Performance Metrics

Project Overview

This project is about collecting and showing Chimera clustr which should be user-friendly.

Team Goals

- Set up the VM
- Use Grafana
- Collect CPU and GPU data
- Store data e

Coming Soon

Live dashboard stay tuned.