# Deployment On Kubernetes

A screenshot of a cell phone

Description automatically generated

3 Microservices Deployed: tcss600users, tcss600posts, tcss600threads

A screenshot of a cell phone

Description automatically generated

Pods Deployment : 3 pods for each deployment

A screenshot of a computer

Description automatically generated

Services:

A screenshot of a social media post

Description automatically generated

Deployments Page:A screenshot of a social media post

Description automatically generated

PODS Page:

A screenshot of a computer

Description automatically generated

Pods Continued…

A screenshot of a computer

Description automatically generated

# Prometheus Dashboard:

A screenshot of a social media post

Description automatically generated

A screenshot of a computer screen

Description automatically generated

# Grafana Dashboard

CPU Usage, Memory Usage, Network I/O For all Pods Together & CPU Usage for the Users Deployment:

A screenshot of a computer screen

Description automatically generated

Memory Usage, Network I/O For Users Deployment

CPU Usage, Memory Usage for posts Deployment:

A picture containing monitor, screen, table, sitting

Description automatically generated

Network I/O For all Posts:

CPU Usage, Memory Usage & Network I/O For Threads Deployment:

A screen shot of a computer

Description automatically generated

CPU Usage for the Users Deployment:

A screen shot of a computer

Description automatically generated

Memory Usage for the Users Deployment:

A picture containing table, sitting, red, screen

Description automatically generated

Network I/O for the Users Deployment:

A screen shot of a computer

Description automatically generated

CPU Usage for the Posts Deployment:

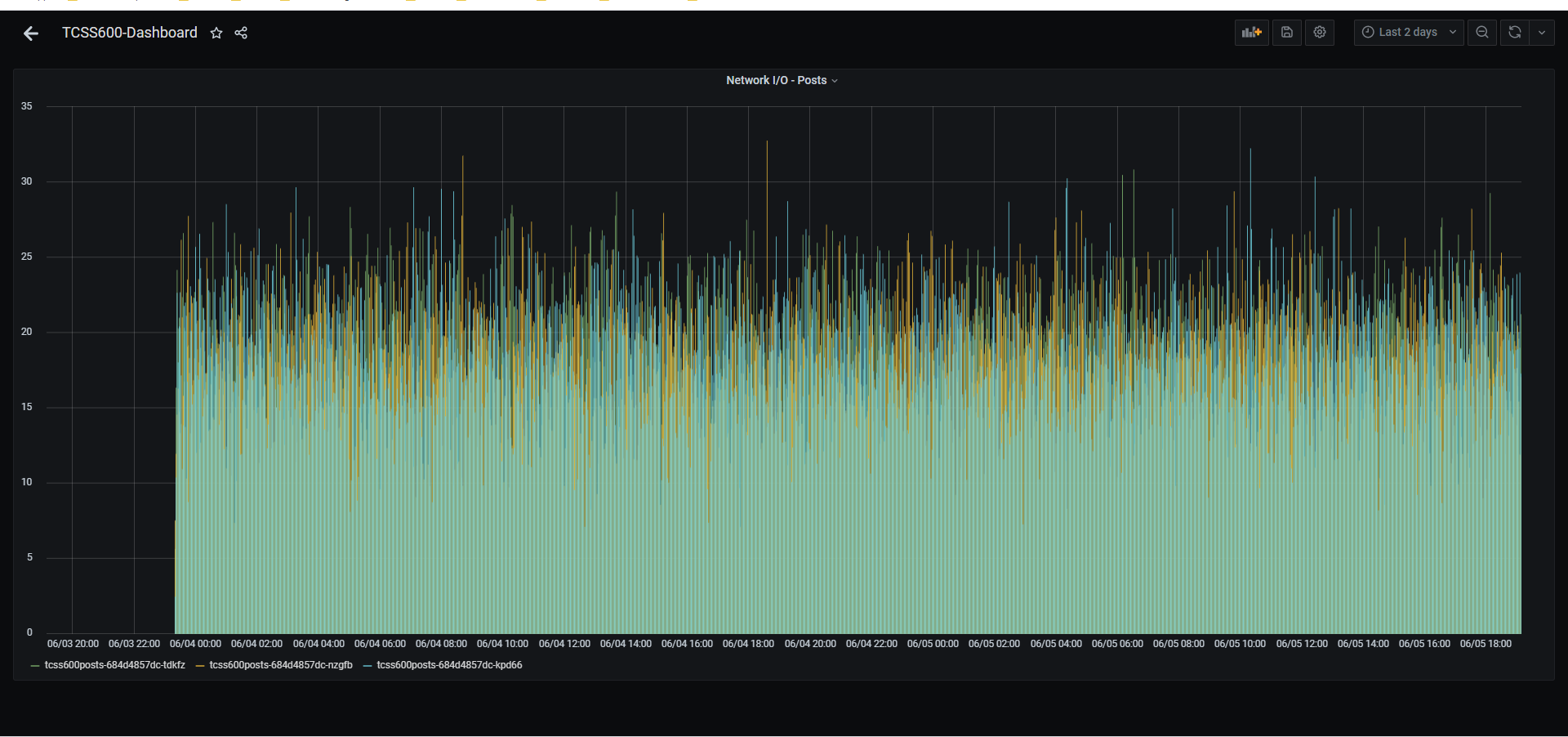
A screen shot of a computer

Description automatically generated

Memory Usage for the Posts Deployment:A close up of a logo

Description automatically generated

Network I/O for the Posts Deployment:



CPU Usage for the Threads Deployment:

A screen shot of a computer

Description automatically generated

Memory Usage for the Threads Deployment:

A picture containing sitting

Description automatically generated

Network I/O for the Threads Deployment:

A picture containing pier, computer

Description automatically generated

# LOCUST Dashboard:

500 users requesting access to the users api:

A screenshot of a computer

Description automatically generated

The Total Requests per second accessing the users api:

A screenshot of a cell phone

Description automatically generated

The Response Time and the Number of users accessing the users api:

A screenshot of a computer

Description automatically generated