

Report (Compose)

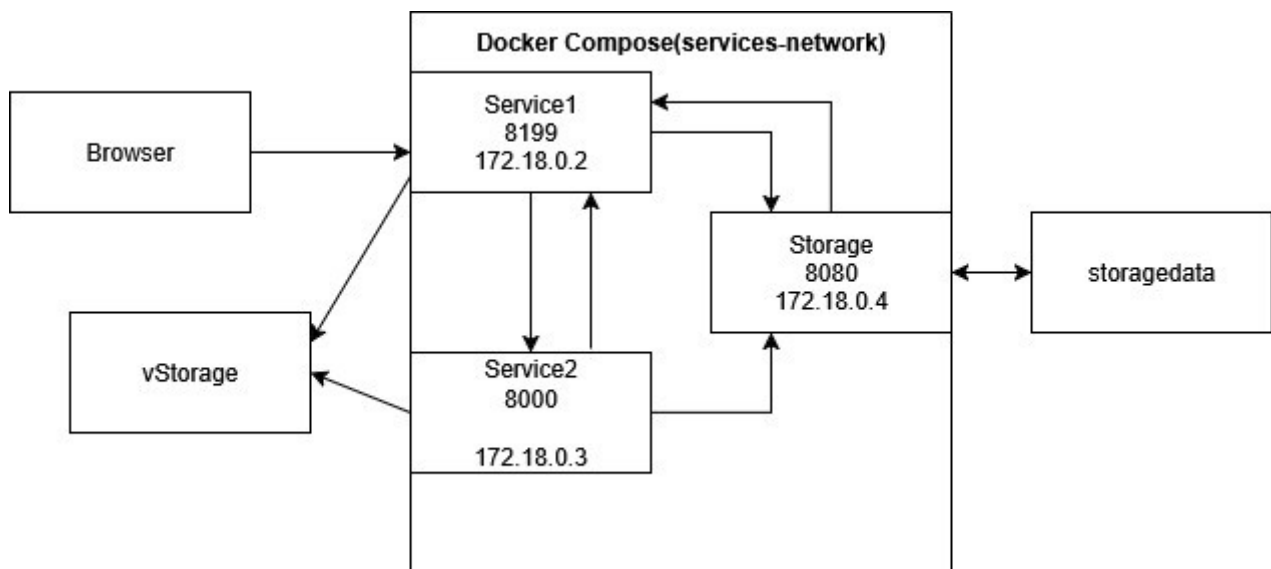
Virtual Machine (Oracle VM Virtualbox)

Ubuntu 22.04

Docker version: 28.4.0

Docker compose version: 1.29.2

Diagram:



picture: Diagram of the implemented system

Disc space and uptime in this exercise measures host machines disc space and uptime. Its usefulness is limited. It would be more useful to have data about container uptime and size for example.

Analysis of persistent storage solutions: Bind mounts and Volumes. Bind mounts shares a folder with your host computer a can be modified outside docker. This can be problem for example is you delete file and that can lead to situation where the container won't work anymore. Volumes live under docker engine and are managed by docker and are not accessible by the host computer.

How to clean persistent storage: "docker volume rm compose_storagedata". Remove folder storagedata and file storage.log.

What was difficult: Fully understanding volumes and how to implement them.

Problems: Many smaller problems that took time to fix.