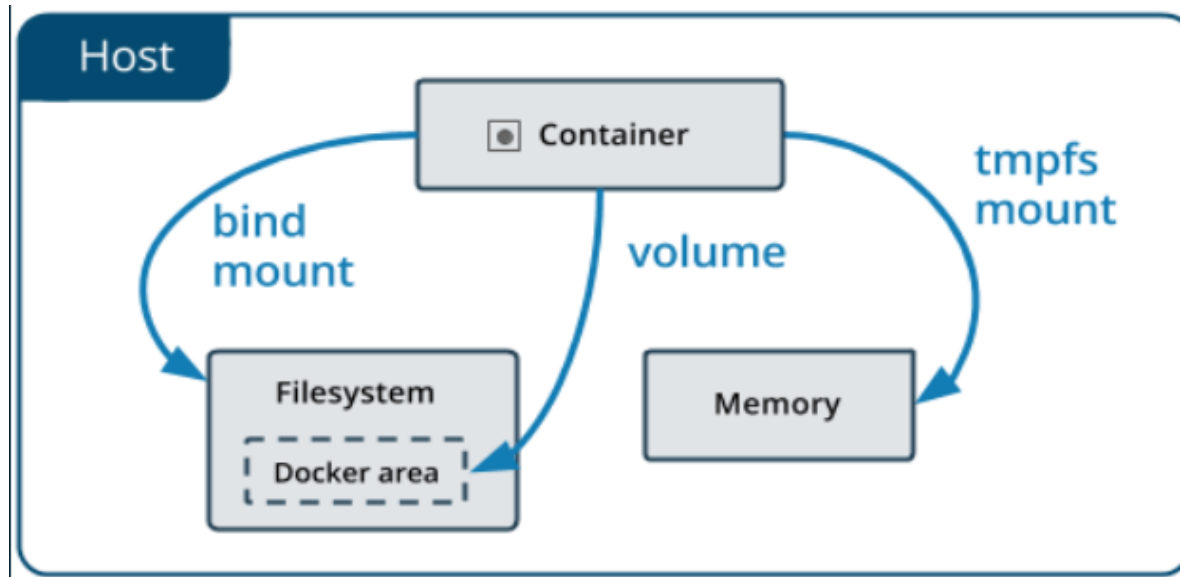# Docker - Storage / Volumes

Docker Volume

- Problem Statement - By default all the data is getting created in container writable layer.

- If you delete container then data inside container will be deleted, so data is not persistent in containers

- Solution – Volume mounting

- We can store the data out of the container i.e. host system, network storage etc

- Three Types – Volume, bind mount, tmpfs

Docker Volume

- You can mount the volume from host system into the container
- Volume is getting created in standard docker location
- Standard location - /var/lib/docker/volumes
- You can not mount any customized path from host system
- Volumes can be mounted multiple containers
- By default, If you delete the container volume is not getting deleted