DOCKER NETWORKING

❖ Docker networking is a powerful feature that allows you to control how containers communicate with each other and with the host system.

❖ Docker networking allows you to create virtual networks within the host system, which can be used to connect containers together and to the host system.

- **Bridge network:** This is the default network type and is create automatically when you install Docker. It allows containers to communicate with each other and with the host system.
- **Host network:** Allows containers to use the host system's network stack directly, without any isolation b/w the host and the container.
- **None network:** Does not provide any networking for the container.
- **Overlay network:** It allows to connect multiple Docker daemons together and creates a network the spans across multiple hosts.
- **Macvlan network:** Allows assigning a MAC address to the containers, making as a physical device on your network.
- Create new container –Docker network create[optional]

BRIDGE	NONE	HOST

Docker run apache

Docker run apache-network=none

Docker run apache—network=host

Web container
Web container
Docker host
Web container
Web container

Web container
Docker host

Web container
Web container
Docker host