DOCKER

Docker is one implementation of container based virtualization technologies.

Hypervisor providens:

VNWORE, Virtual Box.

MANS, Microsoft Azure

Benefits:

- · cost-Efficient
- · Gasy to scale

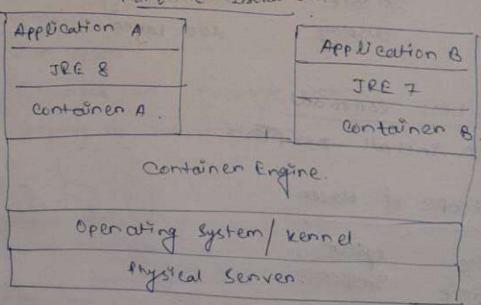
Limitations:

- · kernel lesounce Duplication
- · Application Portability

 INSUE.

the different JRES on the same NM?

Runtime Isolation.



containen virtualization.

benefits

- · cost-Efficient
- · fast Deployment
- · Guaranteed Portalsi Lity

Docker Daemon Docken Engine Docken serven

Docker client can also connect to a nemote docker

Docker daemon can't nun on non-linux platforms natively because 9+ usex Linux specific remed features.

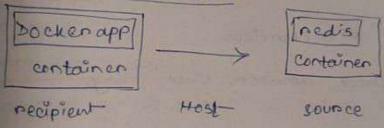
Docker Technology Images, container.

ways to build a bother Image

· commit changes made in a socher conteiner.

· Arite a Dockerfile.

Docker Container Links



Doenen Network types.

- · closed metwork none metwork.
- · Bridge Network
- · HOST- NETWORK
- · Overlay Network

Tag the docker images with two Tags.

- 1. The commit hash of the sounce code.
- 2 latest.

Why Running Docker containers inside NMS?

- · To address security concerns.

 . Hardware level isolation.