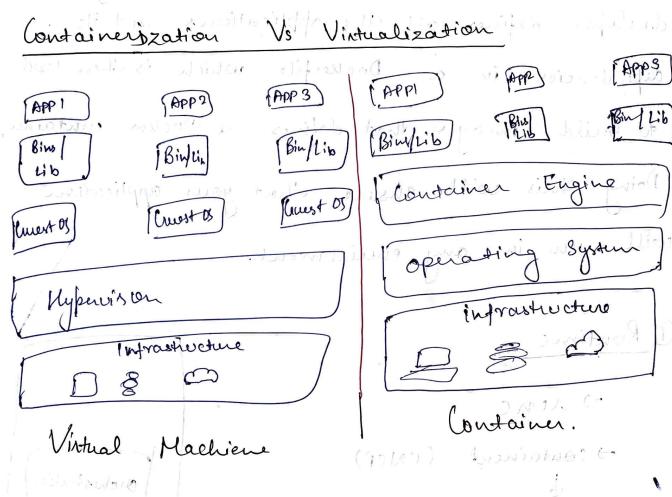
DOCKER

Vonware: - Virtual machiene

Virtual machiene require dheir own bondware.



* A hypervisor is used to Create multiple machiene on a host operating system and it manage virtual machiene.

* Containerization is an efficient mothod for deploying applications.

run of on top of Virtual machien * Container What is Docker? endone: Leoloi · wason.J Docker is a condainer platform that allows you to build, test and deploy applications quickly. A developer défines all dhe applications and its. dépendencies in a Dockerfile which is then used to build linages that defines a Docker container. Doing this will ensure that your application will mun in any emissoment. 1) Routine. J. Munc orchestration. → contained (CNCF) managing nune. 3 Docker Daemon It listen to the API request being made through the Docker client and doctor Cl1 Rest API Sourer, daemon manages Docker objects such as images, container, network and volumes

3 Or chestrations
It allows us to manage container.
Kulserneter.
: 20 Hought of and a mile in particular of
Dockerfile
Gelass Gobject.
Docherfile:
Describe 84 ps to vouse create a Docker image. 11's
like a recipe with all ingredient and steps
necessary in making your dish. This file can be
used to creater Docker Image.
Docher Image
A Docher Image is a file that Defines a Docker
Condainer. It le similar in concept to snapshot
of a VM. A container that moves from one
Docher environment to another with the same os
includes all of the dependencies meeded to execute the code. Docher Image is non to create a docher container

Open	Container	Initiative	(001)	restant and
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2 BY 4	Unage Contaîner	3 dorr pair Un	Hilly of	ur o stil
وديد أوح) his file c	Jenogle name	benider wi Book stais	January W.
\$ dock	er vront dit	ding I me	21 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	electricity, respectively.
\$ docker	un it ub er 4 mages.	Hontuf James Hing Untu: 16:04 lun July all	on specific.	review)
\$ docker	e pull mysq	l. Cdirectey	dowload a s	image pecific version)
			4	a 177

(Container ofhat one curently running) of docker ps docker container la pendir Ridt & docter container onec lit "container id" bash The container should be running. 5" 61 1000 - 911111", "40109"7 (111) of docker stop "Container id" (Stops the container docter ps da Cdist all container dunt au Stopped. Dockerfile & of docher inspect "Container Ed" -> all information about Container. d'docker container prone - f (deleté all dhe container force brancolose) docker nun -d alpine ping www. civo. com
detach mode. A docker logs a Container id". d'docker rm "Container id"

Primer production de 211 A docker commit -m radded suden that file" "container bl" inden-obounty: 1-01 (Committ) Adocher mi \$ (docker images - 9) (Removes all the

from whenty MAINTAINER Mobil & mobil@gmail.com> RUN apt get update CMD ["echo", "Hello-world"? docker build -t nytmage: 1.01. Builds Image Docherfile Docker Client Engine Containerd 9him 18 him rune Func ront Transport layer Security MTTP (2875) Seiner. Client It iver middle

Dockerfile