Docker and Kubernatics Course:

Tecognize Training: (Class-01: 18 July 2020)

Date: 17 July 2020

"Task: Hacker Rank To maximum problem (python Tobited) (210 80 (VM) 201

A Docker and Virtual Machine 400 motor?

A REST APS अर्थन कियानि श्रम 1

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App A App A' App B' Binaries Bimanio, Womanies Libraries Libraries Grues Gruest Guest Bins Aibs | Binaries/Libraries 05 Hy per visor (Type 2) Docker Engine Host Operating System Host Operating System Server

1 Docher to guest OS mot at (54?

1. Docker uses a client-server anchitecture

2. Docker Clients talks to the docker deamon, which does the heavy lifting.

Hacker Brown & cole of "

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docker pull mongo lajest

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" First week coffer effort fazor !

" python or try hipopo hand and first.

" HackerRank & problem fixed EDPS grp, UT (other possible

" mark down file" - Petylogie 1

Be Git Hub 6 mankdown file editor " Stack Edit" to Other & & A must be regular basis to share FURY 1

123 Docker Doc: Documentation

* Representational State of Application (REST API)

* study how REST API LOOTERS.

* HET, POST EXAM HTTP request. WHATE current state ETTE server (F WHO DO through (5 represent approx, Atro REST API.

Docker Architectures

- @ Docker Registrates 3 Docker Containers 1 Docker images
- 1 Docker Container up peoply with process of 1
- I Linux Kernel ATU OFFIRMER ROOF PO 1 co2, Kernel on Jeature Any related googles obtaled t
- 11 snapshot and birrary image of a file system.
- docker that data base transal allows 1 persistancy = docker is affermoral; (Altimeral means, process up) nun po o procen à attimeral ce +, procen proces CITY of Brown as He temporary brown lang STO CONTINUE docker they destablise transa uno at 1

solution eme

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- > procen was run got up outer for the one !
- -> mun from RAM is load for, then CPU clock the pro appro great
- = Dacker image and I file it (just rum opport of)
 - = Docker container and of process or 1

ECR (Elastic Container Registry)

> Do cher through orappor I than pull out to docker registry. (public /private)

> public registry (or pull one conter too one of for one sport cost, server
into, passoors, port out into one image (s.

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Docker metall show their computer a subjurce of the 1

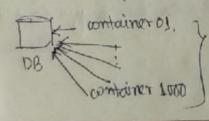
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Exhibernation - containing peak up spour confecing on count whe

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our 300 container launge 210 our of

Kubernatics (other scale up agar of impack it sappor god offe, (Kernel -> socket -> Application -> Database ato emporp) 1 Docker Images: 1) Docker Registries: (Docker registries hold docker images) 4 Docker Containers & Image OTATION & Docker client -> Docker Host on docker call upport -> docker docker file from ubunita)-> docker hub is ubutitu on image cong, I to mayor Them willing to now with so docker mak while I run nginx docker Hub ubuntu > Hash value ans Tage on HIM) Diast step oy ! Run the image to generate the container Step 038 nginx image TIGHTO 1 Step 02 F reburity as to binary apper from docker Hub Stepole (Full image m) Step 03 9 docker Batr mage fitte of new image ORTO I new hash value Pro व्यासी