30.05May.JenkinsDocker

5 May 2023   07:20 PM

Webhook

Git ← Webhook / Web REST API — Jenkins

push
2am
d1

JSON → General.

Git ← Pull SCM — Jenkins

CORN (Contineus Execute)

Every 5 min.

BM

Virtualization

Containerization

H/
s/w

s/w
Cloud

EC2

— Sharable Resource ⟨ Host
                      GOS
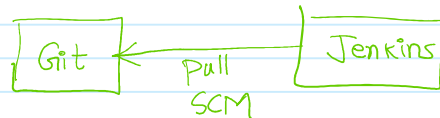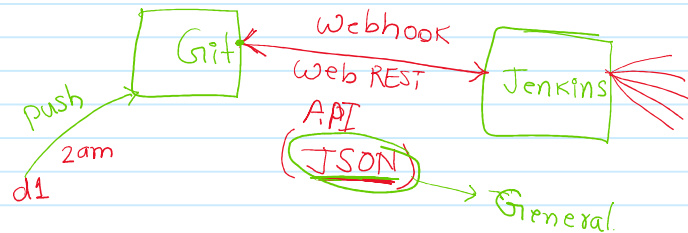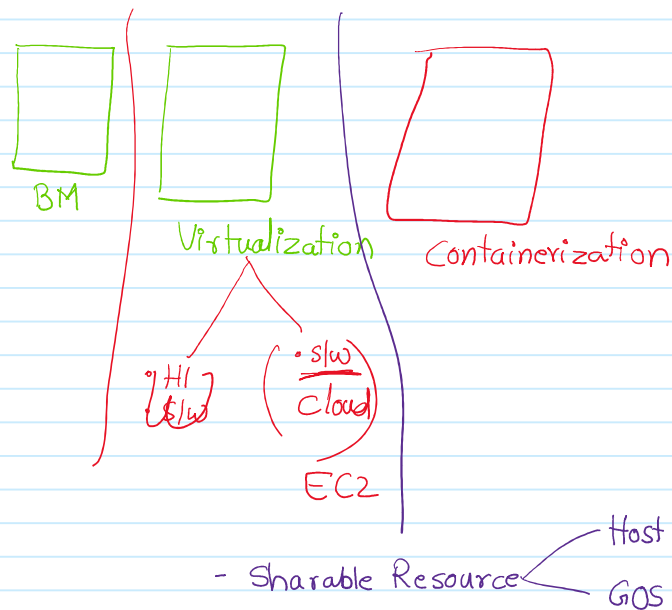
ESXi

HOS = 30% ⎫
GOS = 50% ⎬ 80%
idle = 20% ⎭

Resx.

° Storage
° Memory
° CPU

$$idle = \frac{20\%}{100\%}$$

∘ CPU
∘ R/W

Containerization

Docker

Image ⟶ Container

Remote   Local

Container
Registry.

27MB

Repo1   Alpine

⟶ V1 = Base
⟶ V2 = Java
⟶ V3

$\hookrightarrow$ v3 $\leftarrow$

CRN : UN / Repo : Tag

OS   AWS   Az   GCP
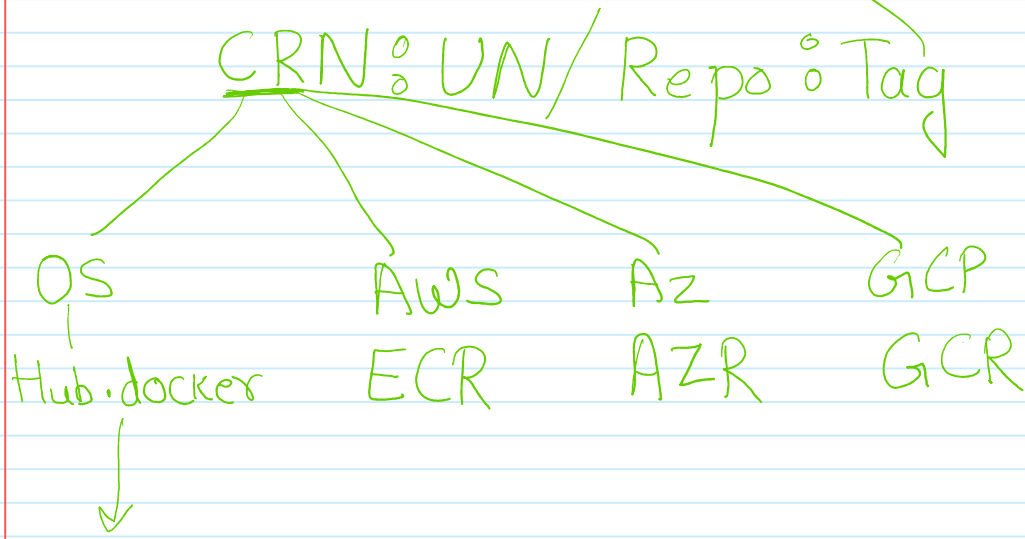Hub.docker ECR   AZR   GCR

$\downarrow$
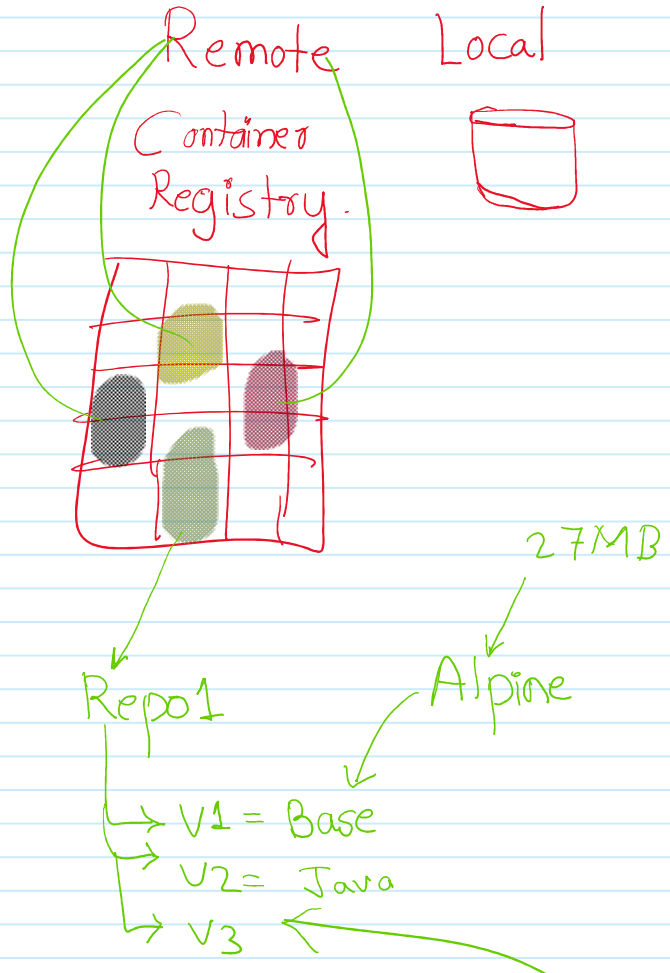
° Create

° Use

Image = File (Storage = HDD)

Container = Process (RAM = Memory)

Use