Name - Shaihuat Ratus

CSCC -

Rollno-24

University Rollino - 2013621

Subject. Donops on claud too 651

## Answers Acrile

- I terative Approach which focuses on collaboration contaboration feedback, and small rapid realises.
  - Helps to manage complex projects
  - J focuser on constant changes
  - Implemented within range of tachical fromeworks
- Simplazize training all team members to have a whole variety of similar 12 team, the fewer factor they can make.
  - Feedback given by cultimen
- Jeworage shift-left
- Tool medare JIRA, Bryzilla, Kanboard are med

### Devops

- Practice of bringing duelopment and operations team together.
  - engineeny procurer.
    - -, focuses on constant terring and delivery.
    - Japanahan.
      - 3 Spread true skill set blur development and operation teams involver all stack holders.
      - Internal team
      - I leverage both
    - S Puppet, Chet, Team city opportable, Augs

### Scanned by TapScanner

+ Challenger are teamed to be productive.

There are productive.

Herring and production.

environments to streamline work.

The production of the production of the production of the production.

There are development, the production of the production of the production.

There are development, the production of the production of the production.

There are development, the production of the production of the production.

There are development, the production of the production of the production.

There are the production of the production of the production of the production.

There are development of the production of

6

Continous and automated testing is at the heart of Descopes methodology. Selenium which is a portable framework for testing web applications. It enable Playback functionalines towards excaring functional texts selenium vers can venite tests asimout ving a text scripping language.

delenium is an open-source software terring frameworks for web apps. It has capability tooperate on any oc.

Advantager of selenium.

- It is an open source software.
- sercirim support various programming languages to write programs.
- selenium supports various operating systems.
- selentum supperts vaulour Bronosers.
- selerium suppers Pavaller Tett Execution.

# Disadvantages of Selenium &

10 reliable support

7 - 11 1 - 1 1 1 1

- 1 14 supports webapps only.
- 3 Difficult touse, takes more time to create Test
- (i) limited suppost for Image terrige.

The state of the s

100 ket total Integressation fer tent Management.

Dersion systems allow you to Compare files identify differences and merge the changes.

areat way to keep back of appeirarion

Easily accessible to their local environment unity
the version control system and alle to hack versions

Troubeshooting an issue, you are alle to early compare different ventions of files to back differences

implement the don't working file by word the correct wision.

Vernion combool

Connaissed is easier than dimibuled you have to remember all the commands for all the operations in Ducs.

is Distributed contentate version system allows you to work offine and gives flexibility.

In Duce , sometimes developer takes advantages of having the entire history code and they may work for too long in isolation which is a good thing. Herge conflicts are more in cucs than in Ducs. If main senier gres down in Duce then, you still get entire history and backup where sewinion of code is already round that's not the care with cross. 

Answer ten commande of cit:

O Cit clone: downtoad eximy source code from remore repository Clike Cithul, ).

git clone < https:// name of the repsilonylink?

2) · Cit branch :

gitt branch < branch -name>

command is void to create branch locally.

3 cit checkout?

git checkout < name-of-yeur-branch >,

used to switch from one branch to another.

and check it.

D. Crit Status...

git status.

is gather Infolike.

Is whether the current branch is up to date.

Is whether there i rang thing to commuit. etc.

Dit add.

git add 2 file).

to add a file.

to add every tuy at once -s git add - A.

6) Cit commit.

git commit - m 'commit menage'

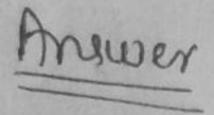
Set up a checkpoint if you want to go back if neceded

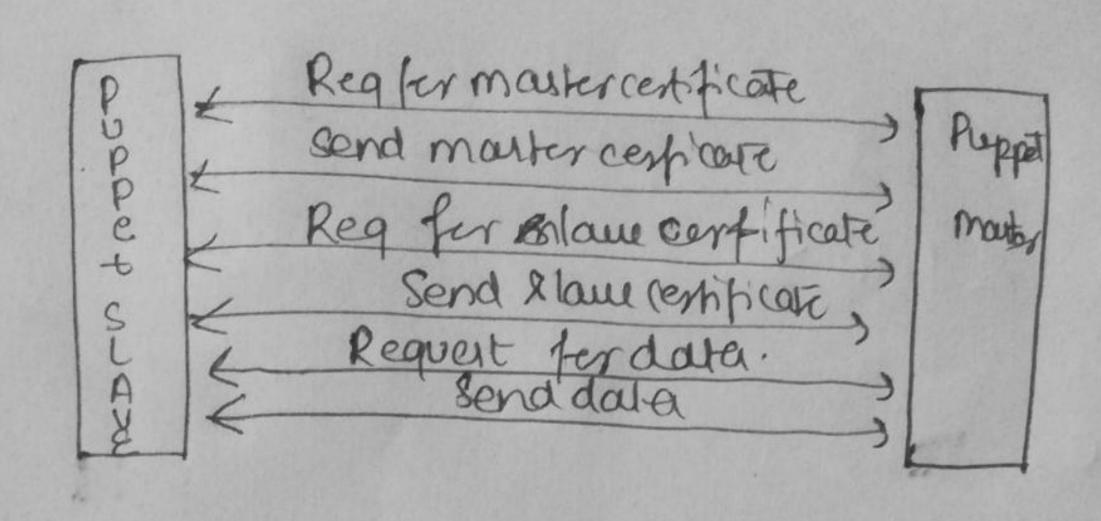
7. Cuit pursh.

git push cremate > Chranch-name >

send changes to remote senuer.

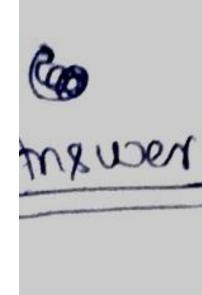
- (B) Citpull:
  git pull < removes
  used to get updates from the remove seps.
  combination of git feets and git mosge.
- 9) cuit recent s cuit recent \_\_\_\_ unale sue changes with this command.
- cit merge = s used to integrate year feature banch with all gith commits back, to me dev.



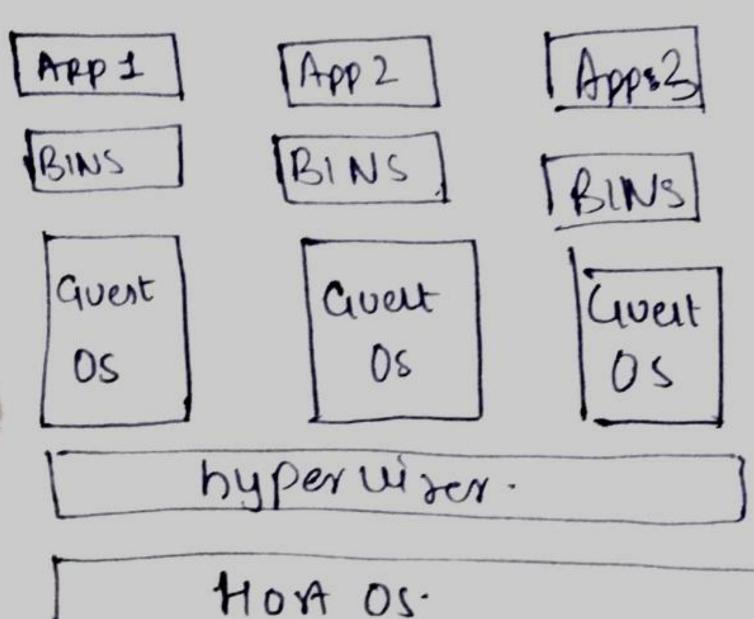


## Puppet Haiter-slave Commonication.

- Puppet marter : slave comminicates via a source encryted channet though the sst.
- -> puppet slave requests fer puppet Mouter Certificate
- > Puppet maiter sends the Maiter cestificate to me puppet slaw in response to me client request.
- -> Pryppet marter request tome puppet slave forme
  - -> Puppet slave sends the requested glave conficute to puppet master.
- puppet slave sends a request fordata to me perpet
- s finally, the marter send the data to the puppet slave as perk the requests.



virhalmaewies

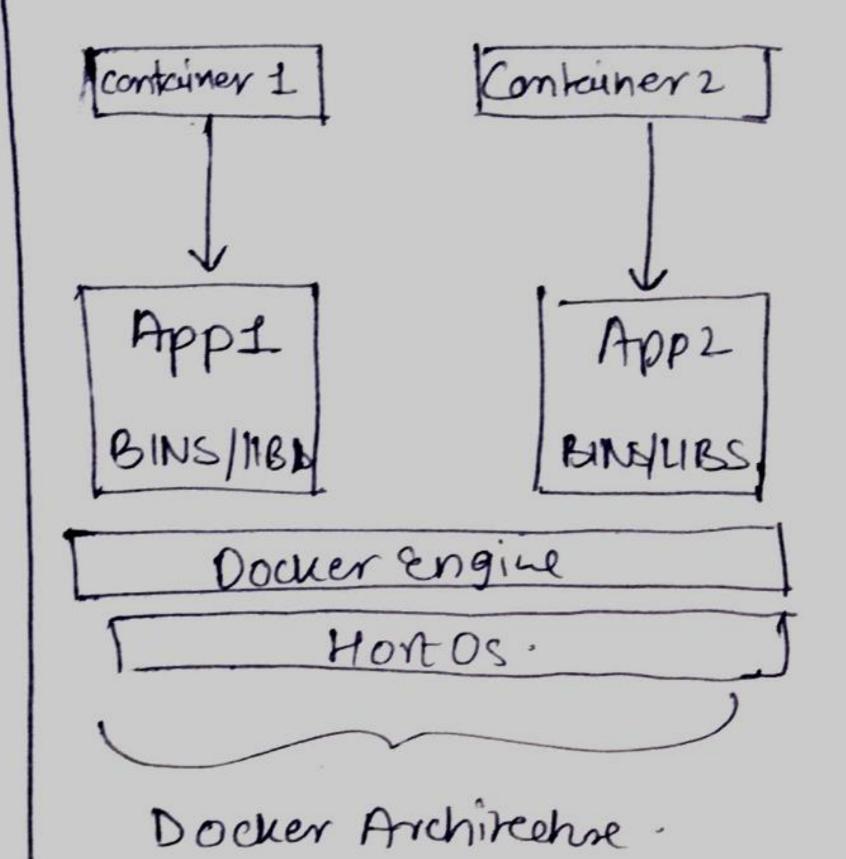


Virnual Machine. Architechne.

- I stand alone machines with their kernal and reemby featured.
  - -> ixolated with theiros?

    they are not ported accords
    multiple pratferms without,
    in army inner.
- Boot in frue seconda
- simpler to work with

#### Oocher machines



- s providing not access
  to apps is not recommended
  - J'an any enwirenment.
- -> Boot in fru seconds.
- orage of mechanism convirting of both third party and dodurmanayed hooks.