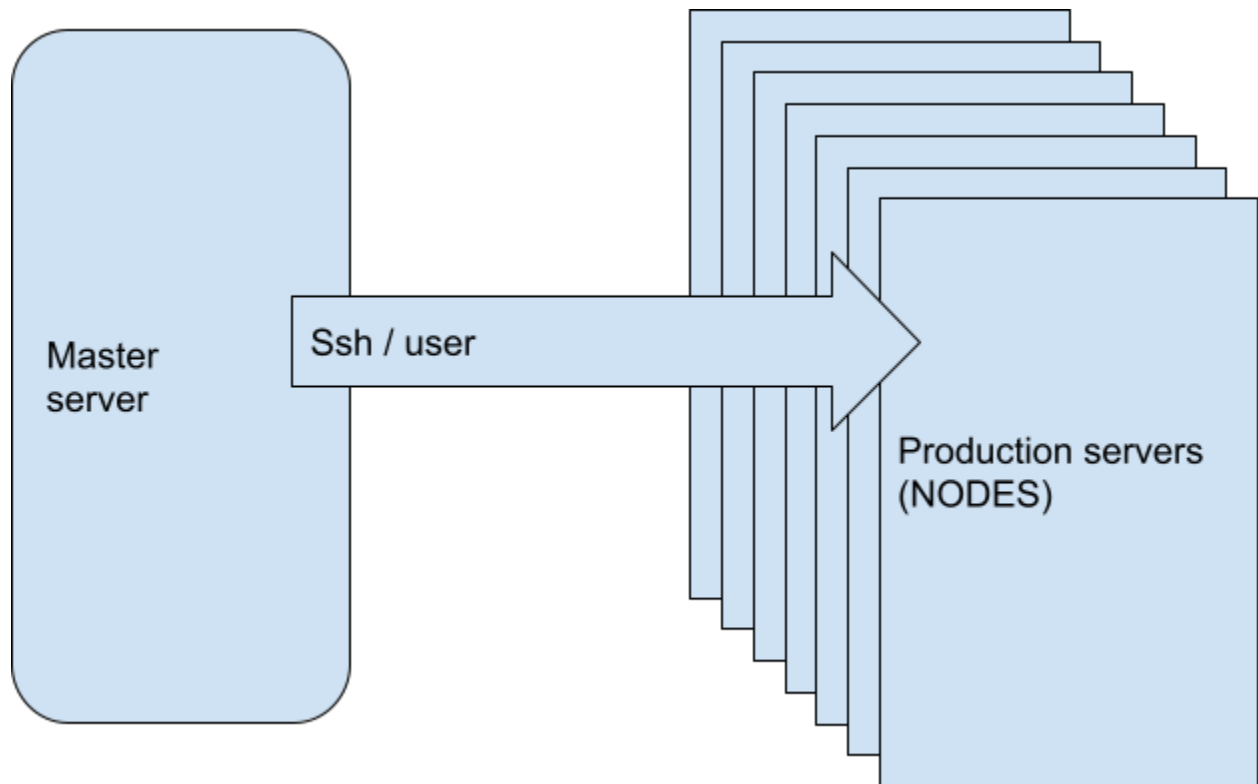


SSH passwordless Authentication :



Stage 01: Configure Master server

1. Create ubuntu 16 server with t2.micro

2. Create user (maha)

adduser maha

3. Make maha user as sudoer

visudo

maha ALL=(ALL) NOPASSWD: ALL

Ctrl+x, press y, press enter

4. Change password authentication

vi /etc/ssh/sshd_config

Password authentication yes

:wq!

5. Restart ssh service

service ssh restart

Stage 02: configure Production servers (nodes)

6. Create ubuntu 16 server with t2.micro

7. Create user (maha)

adduser maha

8. Make maha user as sudoer

visudo

maha ALL=(ALL) NOPASSWD: ALL

Ctrl+x, press y, press enter

9. Change password authentication

vi /etc/ssh/sshd_config

Password authentication yes

:wq!

10. Restart ssh service

service ssh restart

Stage 03: Connect from master to nodes without passwd and pem file

ON MASTER As MAHA user

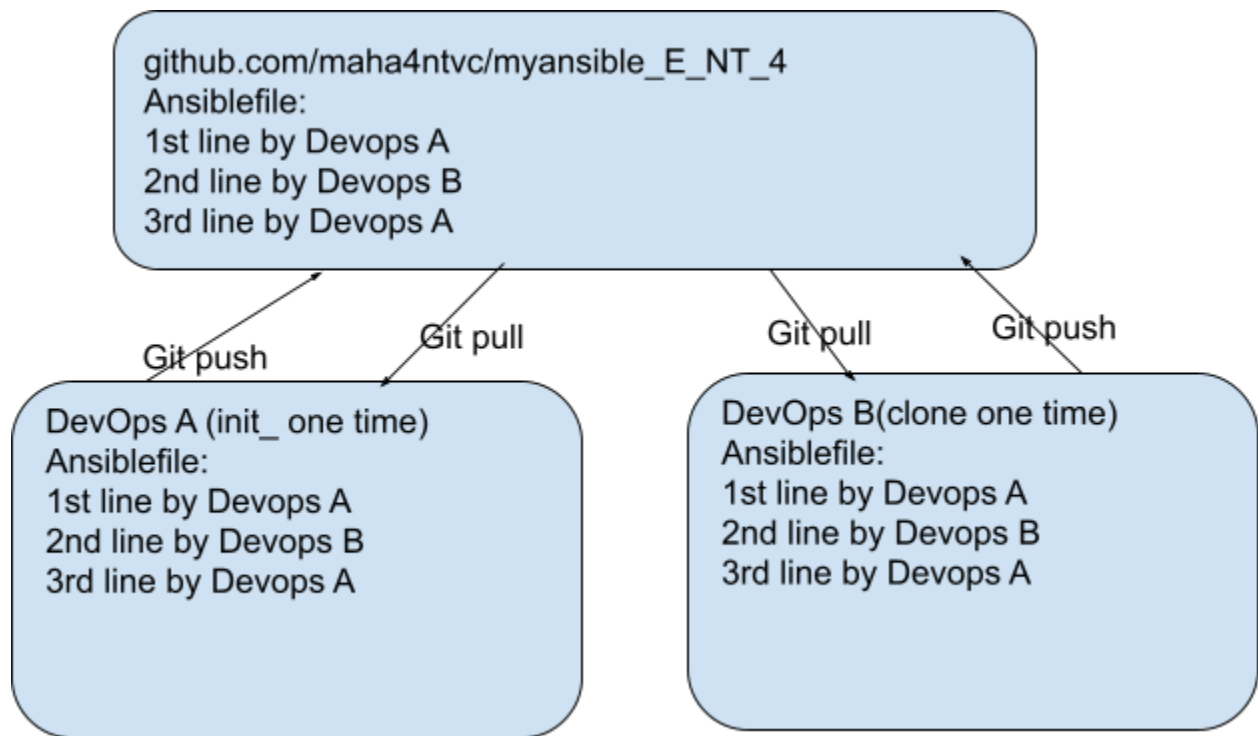
- *generate key pair on maha user*
\$ ssh-keygen
- *Copy public key into node server side*
\$ ssh-copy-id <private ip of nodes>
- *We can connect from master to nodes without passwd and with pem file*
\$ ssh <private ip of nodes>

Ansible:

- 1) How to use git***
- 2) What is CM?***
- 3) What is ansible?***
- 4) Ansible install configuration***
- 5) Ansible ART***

What is Git and use?

Git version control:



Git add -A

Git commit -m "comment"

Git push

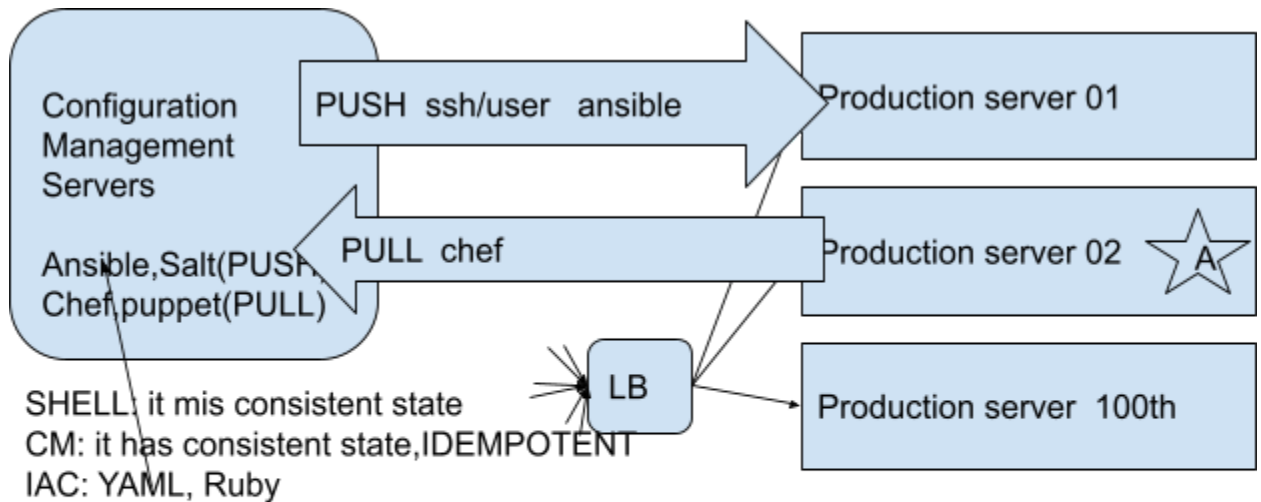
vs

Git pull

- 1) Create github account**
- 2) Sing in github.com**
- 3) Create Repo (mytestrep03dec)**
- 4) Initial repo in ur laptop**

```
echo "# -mytestrep03dec" >> README.md
git init
git add README.md
git commit -m "first commit"
git config --global user.name "maha"
git config --global user.email "maha@gamail.com"
git commit -m "first commit"
git branch -M main
git remote add origin
https://github.com/maha4ntvc/-mytestrep03dec.git
git push -u origin main
```

5) *Create a file*
git add -A
git commit -m "comment"
git push



Provision: it provide suitable environment for deploying application

- 1) Install softwares
- 2) Create files and folders
- 3) Create users and groups
- 4) Change configure files
- 5) deploy applicationetc

Configuration Management : CM

PUSH : Ansible

