ANSIBLE

The commands below will automate with ansible the process of installing docker, I am using an Ubuntu VM with IP 192.168.0.29 as the node and an Ubuntu VM with IP 192.168.0.33 as the target server.

>sudo apt install ansible

>sudo nano /etc/ansible/hosts

[servers] ubuntu2 ansible_host=192.168.0.33

>cd ~/ansible

>nano install-docker.yml

ANSIBLE 1

GNU nano 5.2 inst --- name: Install latest docker version hosts: all become: true tasks: - name: Install required system packages apt: pkg: - apt-transport-https - ca-certificates

url: https://download.docker.com/linux/ubuntu/gpg

- software-properties-common

- curl

python3-pipvirtualenv

update_cache: true

- name: Add docker GPG key

state: latest

state: present

apt_key:

- python3-setuptools

ANSIBLE 2

```
name: Add docker repository
   apt_repository:
     repo: deb https://download.docker.com/linux/ubuntu focal stable
     state: present

    name: Update apt and install docker-ce

   apt:
     name: docker-ce
     state: latest
     update_cache: true
 - name: Install docker-cli
   apt:
     name: docker-ce-cli
     state: latest
     update_cache: true
 - name: Install containerd.io
   apt:
     name: containerd.io
     state: latest
     update cache: true
>su root
>cd ~
>ssh-keygen
In the target server there are two users, root:system32, gustavo:system32 in sudoers
group
>ssh-copy-id root@192.168.0.33
On the target server I have to run:
>sudo dpkg —config -a
Back to the node server:
```

ANSIBLE 3

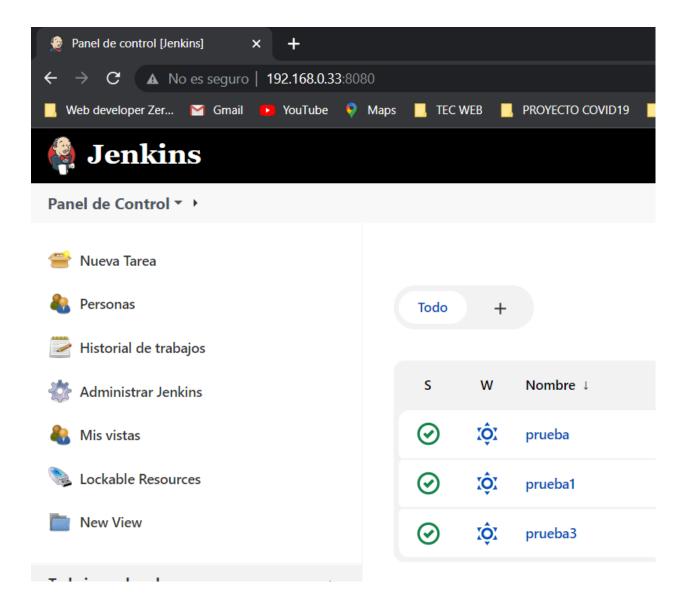
>ANSIBLE DEBUG=1 ansible-playbook install-docker.yml

>su root



Now in the target server:

>sudo docker run -p 8080:8080 -p 50000:50000 -v jenkins_home:/var/jenkins_home jenkins/jenkins:lts-jdk11



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