Configuration Management

Control Server → ms1, ms2, ms3 — Web server ws

ms4, ms5, ms6 — DBS

RedHat

- OS ← RedHat Linux
- Cloud ← Open shift
- ConfigMgt ← Ansible
  - → Agent Less functionality.

Oracle

- → Golden Gate
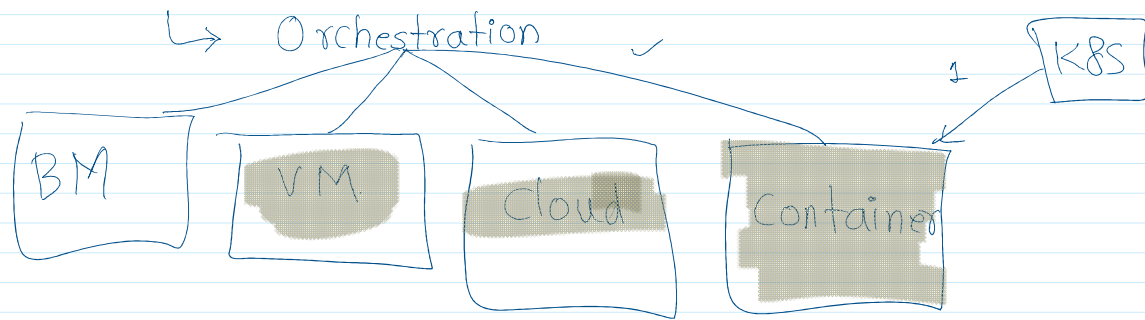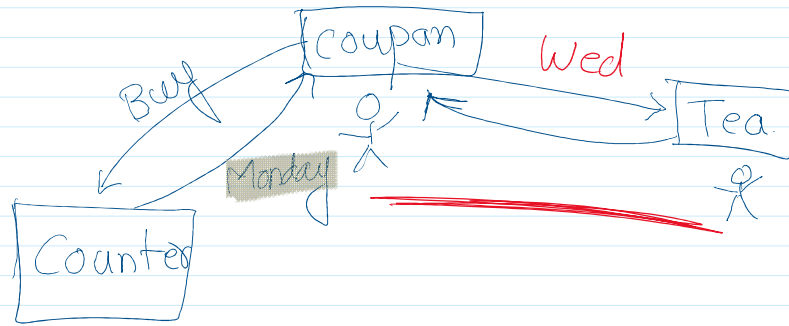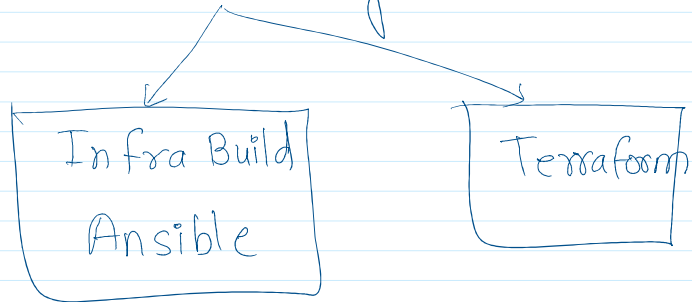- → Oracle DB
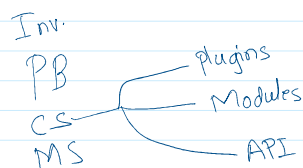

CS → ms1 (SSH), ms2 (SSH), ms3 (SSH)

↳ Ansible → Python

↳ SSH for Security.

↳ Uses push architecture (StateLess)

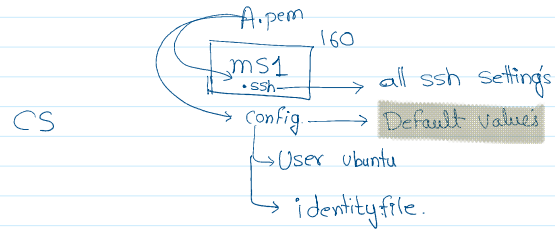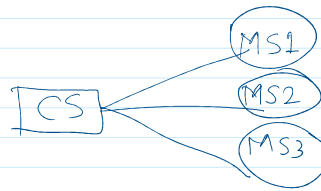Coupan

Buy   Wed

Tea

Monday

Counter

↳ Orchestration ✓   1   K8S

BM   VM   Cloud   Container

↳ Provisioning.

Infra Build

Ansible

Terraform

↳ App. Deployment

Inv.
PB   plugins
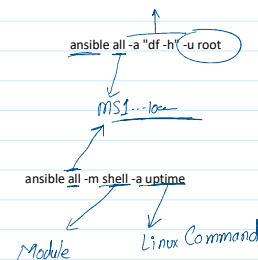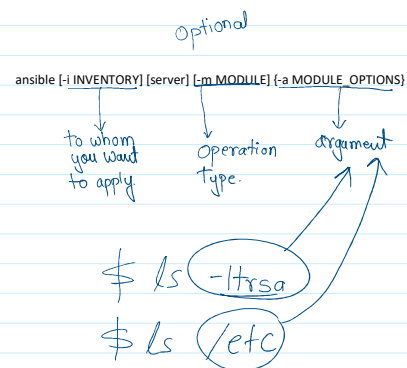   Modules
CS
MS   API

Local DNS
        C:\Windows\System32\drivers\etc\hosts
        /etc/hosts

```
#!/bin/bash
sudo apt update
sudo apt install python3-pip -y
sudo mkdir /etc/ansible
sudo bash -c 'cat<<EOF > /etc/ansible/hosts
[ws]
127.0.0.1
EOF'
sudo apt install ansible -y
ssh-keygen -b 3072 -t rsa -f ~/.ssh/sshkey -q -N ""
cat ~/.ssh/sshkey.pub | cat >> ~/.ssh/authorized_keys

sudo bash -c 'cat<<EOF > ~/.ssh/config
Host *
    User root
    IdentityFile ~/.ssh/sshkey
EOF'
sudo ansible --version > /tmp/ansibleVersion.txt
```

ansible ws -m copy -a "src=/tmp/ctrl_file dest=/home/ubuntu/mujahed"

Module

CS

ms
1