**ANSIBLE**

**Install Ansible on AWS EC2 and connect master node and workernode**

- login to AWS management console

- select EC2 on dashboard

- create keypair

- create security group

- Add inbound rules

- create 2 instances (master node, worker node) - ubuntu 20.04 AMI – t2.micro

- ssh -I “keypairname” ubuntu@public ip - login to master node instance

- ssh-keygen -t rsa to generate public key and private key

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- ls -a to see hidden files

- cd .ssh/

- ls

- cat id\_rsa.pub – to copy public key

- cd

- ssh -I “keypairname” ubuntu@public ip – login to worker node instance

- cd .ssh/

- Chmod 600 authorized-key -to give permissions

- sudo nano authorized-key -paste the public key which we have copied in master node

- cd

- ssh ubuntu@workernode ip (or) ssh workernode ip -u will observe master node is connected to worker node

In master node

- sudo apt update -y

- sudo apt install ansible

- ansible –version

- cd /etc/ansible

- sudo nano hosts

- worker publicip(or)privateip ansible\_user = ubuntu

- ansible -m ping all

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**Create a sample Playbook using some Modules**

* mkdir playbooks
* cd playbooks/
* vi p1.yaml (.yaml is the extension)
* A screenshot of a computer

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- ansible-playbook p1.yaml

(or)

- ansible all -m apt -a “name=apache2 state=latest”

- ansible all -m service -a “name=apache2 state=started”

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