1 apt-get update

2 apt-get install software-properties-common -y

3 apt-add-repository ppa:ansible/ansible

4 apt-get update

5 apt-get install ansible -y

7 ansible --version

while launching the instance we have to enable the http and ssh and https in security groups then only we can connect to another from one or main server

after installing the Ansible and do the ansible configuration with node , we have to check either python installed or not in nodes or client servers by default it will install

if it did not install then we have to install using the command is , **$ yum install python**

**ansible configuration with nodes :**

8 vi /etc/ansible/hosts -------------------> adding node ip's [ ubuntu ] under this we can give node ip address

9 vi /etc/ansible/ansible.cfg --------------> remove # we have to remove 3 inside this file , we should not remove 3 infront of ask and finally we have to add one line

10 ansible all -m ping ---------------------> to check the communication of nodes

11 vi /etc/ansible/ansible.cfg ------------> to add again we will open ansible.cfg file

12 ansible all -m ping

13 cd .ssh/

14 ls

15 ssh-keygen --------------> If i hit this command public and private key will be generated

16 ls

17 ssh-copy-id 172.31.92.227 ----------------> to copy the keys from main server to client servers , it is one time setup , first time we have to give client ip addresses

18 cd

19 ansible all -m ping ------> To check or to ping the nodes

ansible-playbook playbook.yml --syntax-check -------------> to compile playbook

ansible-playbook playbook.yml -------------------------> to execute playbook , once i hit this command playbook will be executed in the nodes

cat authorized\_keys ----------------> this command we have to hit in nodes to check the authorized\_keys

**AD-HOC COMMANDS :**

ansible 172.31.82.114 -m file -a 'name=/opt/devops.txt'

ansible 172.31.82.114 -m file -a 'name=/opt/devops.txt state=directory'

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**How to clear history and how to take backup**

----> #history -c --------------> to clear

----->#history -r ---------------> to take backup