Ansible Installation

Create 2 or more Machines and name one as Control Server and others as Remote machines

Control Server (RHEL):

Control server set up steps

vi /etc/yum/pluginconf.d/subscription-manager.conf and change enable=0 to disable redhat subcriptions.

1 rpm -Uvh https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm

2 yum update

3 yum install ansible

4 ansible --version

5 yum update

6 adduser demouser

7 passwd demouser

# To give root privileges to demouser user

8 visudo (same can be done by editing /etc/sudoers file)

demouser ALL=(ALL) NOPASSWD:ALL

# By default in AWS OS images are designed for password less(.pem/.ppk Key based authentication) authentication

# So we have to make it password based authentication for ansible user to communicate.

9 vi /etc/ssh/sshd\_config

PasswordAuthentication yes

PermitRootLogin yes

10 service sshd restart

11 su - demouser

# Ansible communicates via ssh , so generate SSH keys and ID's and copy them into remote machine.

12 ssh-keygen

EXECUTE REMOTE MACHINE STEPS listed in complete bottom of this page ON ALL REMOTE MACHINES and then continue from step 13

13 ssh-copy-id demouser@<private Ip address/ DNS>

14 ssh <private Ip address/ DNS>

# you should be able to login to remote machine with out password prompt

15 cd /etc/ansible/

16 ls

17 sudo mv hosts hosts.ori

18 sudo vi hosts

[webserver]// < ---- Group Name to be written here

<private Ip address/ DNS> # pvt dns/ IP of remote host

19 ansible webserver -m ping

20 touch mytest.txt

21 scp mytest.txt demouser@<private Ip address/ DNS>:/home/demouser # pvt dns of remote host

22 Login to remote host as ansible user and check the file mytest.txt is available at the location /home/ansible

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Remote Machine set up steps (RHEL)

1 yum update -y

2 adduser demouser

3 passwd demouser

4 visudo

demouser ALL=(ALL) NOPASSWD:ALL

5 vi /etc/ssh/sshd\_config

passwordAuthentication = yes

(typo error this line, check!!!)PermitRootLogin yes

6 service sshd restart

7 su – demouserd