Ansible and Docker installation

1.- Install python and python-pip.

yum install python

yum install python-pip

2.- Install ansible using pip check for version.

pip install ansible

ansible --version

3.- Create a user called ansadmin (on Control node and Managed host).

useradd ansadmin

passwd ansadmin

4.- Below command grant sudo access to ansadmin user. But we strongly recommended using "visudo" command if you are aware vi or nano editor. (on Control node and Managed host).

echo "ansadmin ALL=(ALL) NOPASSWD: ALL" >> /etc/sudoers

5.- Log in as a ansadmin user on master and generate ssh key (on Control node).

ssh-keygen

6.- Copy keys onto all ansible managed hosts (on Control node)

ssh-copy-id ansadmin@<target-server>

7.- Ansible server used to create images and store on docker registry. Hence install docker, start docker services and add ansadmin to the docker group.

yum install docker

# start docker services

service docker start

service docker start

# add user to docker group

usermod -aG docker ansadmin

8.- Create a directory /etc/ansible and create an inventory file called "hosts" add control node and managed hosts IP addresses to it.

9.- Copy your ssh key to your localhost in order to run playbooks locally.

ssh-copy-id localhost