Ansible

Simply IT automate engine

Advantage of Ansible

Open source

Written in python

Easy installation and configuration

Highly scalable

Agent less client configuration

U can use non-expiry password

Password -x – 1 ansadm

Generate key

Ssh – keygen -t rsa

Etc\ansible - Where you will find configuration files

Ansible control server

Etc\ansible\host – inventory file information about the host

[grouping the server]

Hostnames

Etc\ansible\ansible.cfg

List out the module in ansible ansible-doc – l | more

Ansible-doc -s yum if you want to see more details about function

Ansible appgroup -m ping

-m module name

If you want ping all the server in inventory

Ansible all -m ping

If you want to see the output in single line ---- Ansible all -m ping -0

Ansible appgroup -m yum -a ‘name=http state=present’

-s use sudo on client system

Service httpd status

Playbook

Rpm -qa | grep nmap to check whether nmap is installed or not

Copy module

Ansible all -m copy -a “src=/tmp/test.txt dest=/temp/test.txt” -s

Roles are next level of abstraction of ansible playbook

Reuse the playbook for different purposes