Playbook-1 (Installation of httpd)

Pwd

/home/ansible

Ls

Mkdir playbooks

Cd playbooks/

Vim infrastructure .yaml

#Infra structure demo YAML

hosts : redhat

remote\_user: ansible

become : yes

become\_method : sudo

connection : ssh

gather\_ facts : yes

user name : mac

task name : install apache on all instance that belong to redhat group

yum :

name : httpd

state : latest

notify : start httpd service

handler

name : start httpd service

service :

name: httpd

state :restarted

Ubuntu server

Netstat –tlnp

Curl localhost

After showing success in local server

Run again in same steps in ubuntu server then it is working

Playbook – 2 (Installation of NginX)

Pwd

/home/ansible/playbook

Ls

Infrastructure.yaml

Vim infrastructure-2.yaml

Demo infrastructure.yaml -2

Host:debain

Remote\_user : ansible

Become:yes

Become\_method:sudo

Connection: ssh

Gather\_facts: yes

Task name: install nginx service on all instances that belong to debain group

Apt:

Name: nginX

State: latest

Notify: enabled and restart nginx service

Handlers:

Name: enabled and restart nginx service

Service:

Name: nginx

Enabled : yes

State: restarted

Netstat –tlnp & Curl hostname

Playbook -3 (Installation of var pakage)

03 infrastructure.yaml

Host: ‘{{var\_hosts}}’

Remot\_user:’{{var\_user}}’

Become:yes

Become\_method: sudo

Gather\_facts: yes

Connection :ssh

Vars:

Var\_host: redhat

Var\_user : ansible

Var\_pkg : vim

Tasks name : install packages define by vars section

Yum:

Name: {{var\_pkg}}

State: latest

To remove vim in linux server[Ansible redhat –s –m apt –a ‘name=vim state=absent’]

Ansible –playbook 03.infrastructure.yaml –extra-vars “var\_hosts=redhat var\_user=ansible var\_pkg=vim”

If you run the cmd it will execute the installation without var logs

**Ansible**

* Installation
* Configuration & pre requisition for configuration
* Playbook creation
* Variable & copy and move
* Communication b/w local to other servers