python -V 🡪 Check if python is present and its version – python is a pre-req for ansible

sudo amazon-linux-extras install ansible2 🡪 to install ansible on AWS Linux OS

ansible –version

ansible -h

ansible-playbook -h

/etc/ansible 🡪 default location for ansible.cfg and hosts

Flags:

--check 🡪 for dry run

--syntax-check 🡪 to check syntax

--check - -diff 🡪 to see what will be the difference

--diff 🡪 will show the difference and execute the command

-b 🡪 become super user

Command to list different plugins that can be used by engine to connect with nodes

**ansible-doc -t connection -l 🡪**

kubectl Execute tasks in pods running on Kubernetes

napalm Provides persistent connection using NAPALM

qubes Interact with an existing QubesOS AppVM

libvirt\_lxc Run tasks in lxc containers via libvirt

funcd Use funcd to connect to target

chroot Interact with local chroot

psrp Run tasks over Microsoft PowerShell Remoting Protocol

zone Run tasks in a zone instance

winrm Run tasks over Microsoft's WinRM

paramiko\_ssh Run tasks via python ssh (paramiko)

Defined in playbooks at times to run a playbook on engine only

local execute on controller 🡺

network\_cli Use network\_cli to run command on network appliances

netconf Provides a persistent connection using the netconf protocol

vmware\_tools Execute tasks inside a VM via VMware Tools

podman Interact with an existing podman container

lxd Run tasks in lxc containers via lxc CLI

lxc Run tasks in lxc containers via lxc python library

ssh is default connection method

ssh connect via ssh client binary 🡺

httpapi Use httpapi to run command on network appliances

iocage Run tasks in iocage jails

oc Execute tasks in pods running on OpenShift

persistent Use a persistent unix socket for connection

jail Run tasks in jails

saltstack Allow ansible to piggyback on salt minions

docker Run tasks in docker containers

buildah Interact with an existing buildah container