**Ansible**

**Important Commands in Ansible:**

**command:** This is default process of ansible which is used for executing Linux commands on manage nodes.

**shell:** This is used for executing linux commands which involve in redirecting and pipeing. It also used for execting shell script commands on the manage nodes.

**ping:** Used to check whether remote url is pingable or not

**copy:** Used to copy the files and folders into the manage nodes.

**fetch:** Used to copy files and folders from mange nodes to controller

**file:** Used for creating, deleting files and directories on the manage nodes

**apt:**  Used for package management on the remote manage nodes i.e., installing and uninstalling s/w’s etc. This works on ubuntu based machines.

**yum:** Used for package management it works on redhat, fedora and Centos etc

**user:**  Used for creating users setting passwords and home directories for the users etc.,

**debug:**  Used for display o/p of any module

**service:** Used for starting, stopping and restarting the services on the manage nodes.

**url:** Useful to verify the remote url is reachable or not

**start:** This is used to capture i/f about files and folders present on manage nodes.

**Include:** Useful in calling child playbooks from parent playbooks

**git:** Used to perform git version controlling on the manage nodes.

**ec2:** Used to creating AWS EC2 instances

**docker-container:** Used for running docker container related commands on manage nodes.

**docker-image:** Used for running docker image related commands on manage nodes.

**docker-login:** Used for logging into the docker hub from manage nodes.

Syntax: **ansible all/group/ipaddress –i path\_of\_the\_inverotryfile –m modulename –a ‘arguments’**

default location of ansible file is /etc/ansible/hosts