**Write down the playbook:**

**---**

**-**name: creating directory and files.

Host: all

Tas:

-name: creating dir.

File :

Name: d1

State : directory

-Name: creating file

File :

Name: d1/file1

State : touch

To check the syntax use:

ansible -playbook playbook -yml --syntax-check

To execute the playbook

ansible -playbook playbook.yml -b

Important modules in ansible:

**1.Ping:**

This is used to check if remote server is reachable or not.

**2.Command:**

This is used for executing the basic Linux commands on the managed nodes.

**3.Shell:**

This is used for executing the basic Linux commands on the managed nodes.

This is default module in ansible.

**4.Copy:**

This is used for copying the file from controller machine (master) to the managed.

**5.Fetch:**

This is used for capturing the file from managed nodes into the controller machine.

**6.File:**

This is used for performing the file related operations on the managed host (client) that is nothing but creating the file and directions also changing the permissions owner ships etc…,

**7.APT:**

This is used for performing package management on ubuntu base machines.

**8. Yum:**

This is used for package management operations on RED HAT cent OS.

**9.Git:**

This is used for performing version controlling on git.

**10.Service:**

This is used for performing and stopping the service on managed host (client).

**11.De-bug:**

Used for capturing the output of specific module and displaying it.

**12. URI:**

Use full in check in if the remote URI is reachable (or) not.

**13. User:**

Used in user management (creating user id, password …,)

**14. Docker:**

Which is used for managing the docker containers on the managed host (client).

ANSIBLE --------- PLAY BOOK

CHEF ------------ COOK BOOK

**Play book:**

Commands are used for executing one module and they work on one set of arguments, and they cannot be used for lengthy configuration management activities.

We can create the playbooks using “yaml” syntax and they are help full in performing complex configuration management activities on remote servers.

A playbook is combination of “Play’s.

a play contains the task. The task should be performed on the remote server.