

ANSIBLE CLASS-2

- To see the list of hosts in inventory : `ansible all --list-hosts`
- To see the list of particular group hosts in inventory : `ansible group_name --list-hosts`
- To see the 1st hosts in inventory : `ansible all[0] --list-hosts`
- To check the network connection between master & slave : `ansible all -m ping`

PLAYBOOKS:

1. Playbooks in ansible are written in YAML language.
2. It is human readable & serialization language commonly used for configuration files.
3. You can write codes consists of vars, tasks, handlers, files, templates and roles.
4. Each playbook is composed of one or more modules in a list.
5. Playbooks are mainly divided into sections like
6. TARGET SECTION: Defines host against which playbooks task has to be executed.
7. VARIABLE SECTION: Defines variables.
8. TASK SECTION: action you are performing.

1. WRITE A PLAYBOOK TO INSTALL GIT IN DEV GROUP:

```
---
- hosts: remo
  user: ansible
  become: yes
  connection: ssh
  tasks:
    - name: installing git
      action: yum name=git state=present
```

2. WRITE A PLAYBOOK TO INSTALL JAVA1.8.0 ON ALL THE SERVERS

```
---
- hosts: all
  user: ansible
  become: yes
  connection: ssh
  tasks:
    - name: install java
      action: yum name=java-1.8.0-openjdk state=present
```

3. WRITE A PLAYBOOK TO INSTALL WEB SERVER & START THE WEB SERVER:

```
---
- hosts: all
  user: ansible
  become: yes
  connection: ssh

  tasks:
    - name: install web server in all slaves
      action: yum name=httpd state=present

    - name: start the webserver
      service: name=httpd state=started
```

TODAYS TASK: WRITE A PLAYBOOK TO INSTALL JAVA-1.8.0 & MAVEN