


Playbooks are written in **YAML** **FORMAT**

```
- hosts: webservgrp
  tasks:
    - yum:
        name: httpd
        state: present
```



```
1  - hosts: webservgrp
2    tasks:
3      - name: Install Apache
4        yum:
5          name: httpd
6          state: latest
7      - name: Deploy Config
8        copy:
9          src: file/httpd.conf
10         dest: /etc/httpd.conf
11  - hosts: dbsrvgrp
12    tasks:
13      - name: Install PostgreSQL
14        yum:
15          name: postgresql
16          state: latest
```



Ansible **Configuration** Settings

Change the default behavior of Ansible

Order of Ansible Config



1. `ANSIBLE_CONFIG` (environment variable if set)
2. `ansible.cfg` (in the current directory)
3. `~/.ansible.cfg` (in the home directory)
4. `/etc/ansible/ansible.cfg`

VARIABLES

PLAYBOOK

- hosts: webservgrp

vars:

http_port: 80

sqluser: admin

Inventory Based

In inventory file

group_vars/all

group_vars/groupname

host_vars/hostname

Roles

Include variables from
files in playbook

Fact Variables: **setup** module

`ansible_os_family`

OS name like RedHat, Debian
etc

`ansible_processor_cores`

Number of CPU cores

`ansible_kernel`

Kernel Version.

`ansible_devices`

Connected Device Information

`ansible_default_ipv4`

IP, MAC address, gateway etc.

`ansible_architecture`

64 bit or 32 bit

Store **Output**: register **module**

