

In which format are Ansible playbooks expressed? Yaml

Which of the following statement is correct. –

Playbooks contains tasks and plays that need to be run on managed nodes.

We can have multiple plays in a single playbook. Yes

We have a playbook ~/playbooks/copy.yml, which hosts would this playbook run against? Web1 and web2

```
[thor@ansible-controller playbooks]$ cat copy.yml
```

```
---
```

```
- hosts: web
  tasks:
    - name: copy test.txt file
      copy:
        src: test.txt
        dest: /tmp/test.txt
```

```
[thor@ansible-controller playbooks]$ cat inventory
```

```
[web]
```

```
web1 ansible_host=172.20.1.100 ansible_ssh_pass=Passw0rd ansible_user=root
```

```
web2 ansible_host=172.20.1.101 ansible_ssh_pass=Passw0rd ansible_user=root
```

There is another playbook ~/playbooks/file.yml. Identify how many plays it contains. - 2

```
[thor@ansible-controller playbooks]$ cat file.yml
```

```
---
```

```
- hosts: web1
  tasks:
    - name: Create /tmp/testfile.txt
      file:
        path: /tmp/testfile.txt
        state: touch
```

```
- hosts: web2
  tasks:
    - name: Create /tmp/testfile.txt
      file:
        path: /tmp/testfile.txt
        state: touch
```

---

Under ~/playbooks/ directory create a playbook web1.yml to create a blank file named as /root/myfile.txt under root's home on web1 node, also make sure this must run for web1 node only.

```
[thor@ansible-controller playbooks]$ cat web1.yml
---
- name: 'Creating file'
  hosts: web1
  tasks:
    - name: 'create a blank file named as /root/myfile.txt'
      file:
        path: /root/myfile.txt
        state: touch
```

---

We have a playbook httpd.yml under ~/playbooks/ directory to install httpd package on web1 and web2 nodes, try to run the playbook and fix issues if you face any.

```
[thor@ansible-controller playbooks]$ cat httpd.yml
---
- hosts: web
  tasks:
    - name: Install httpd
      yum:
        name: httpd
        state: present
```

---

While running web2.yml playbook we are facing some syntax errors, playbook is under ~/playbooks/. Please fix the issue.

```
[thor@ansible-controller playbooks]$ cat web2.yml
---
- hosts: web2
  tasks:
    - name: echo Welcome!
      shell: 'echo "Welcome!" > /tmp/welcome.txt'
```

---

Create a playbook user.yml under ~/playbooks directory to create a user named as angel on web1 node.

```
[thor@ansible-controller playbooks]$ cat user.yml
---
- name: 'Create user'
  hosts: web1
  tasks:
    - name: 'Create user named as angel'
      user:
        name: angel
[thor@ansible-controller playbooks]$ ansible-playbook -i inventory user.yml
```