

# 4- Ansible inventory

```
[webservers]
192.168.1.10
192.168.1.11
[dbservers]
192.168.1.20
[production]
webservers
dbservers
[production:vars]
ansible_user=deploy
```

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ansible inventory files are used to define the hosts and groups of hosts that Ansible will manage.

rpm packages are installed on the hosts defined in the inventory file. The inventory file is located at /etc/ansible/hosts. The playbook is located at /etc/ansible/playbook.

The inventory file is a text file that contains the following information:

- inventory file contains the following information: group, children, vars.
- web servers group contains nginx, apache.
- 192.168.10.10, 192.168.10.15 are in the nginx group. 192.168.100.10, 192.168.100.15 are in the apache group.
- playbook is located at /etc/ansible/playbook.
- ansible uses ssh to connect to the hosts. The ssh user is defined in the inventory file.

The inventory file is located at /home/ansible/inventory. The playbook is located at /etc/ansible/playbook.

```
$ vi /home/ansible/inventory
```

```
[apache]
```

```
192.168.100.10
```

```
192.168.100.11
```

```
192.168.100.12
```

```
192.168.100.13
```

```
192.168.100.14
```

```
192.168.100.15
```

```
#[] [] [] [] []
```

```
192.168.100.[10:15]
```

```
[nginx]
```

```
192.168.10.10
```

```
192.168.10.11
```

```
192.168.10.12
```

```
192.168.10.13
```

```
192.168.10.14
```

```
192.168.10.15
```

```
#[] [] [] [] []
```

```
192.168.10.[10:15]
```

```
[web:children]
```

```
apache
```

```
nginx
```

```
[all:vars]
```

```
ansible_user=ansible
```

```
ansible_ssh_port=2022
```

```
[][] [] [] [] [] ?
```

```
$ ansible all -m ping -i /home/ansible/inventory
```

```
#[] [] [] inventory[] [] [] [] all [] [] [] ip[] [] [] [].
```

```
192.168.10.15 | SUCCESS => {
```

```
  "changed": false,
```

```
  "ping": "pong"
```

```
}
```

```
192.168.10.16 | SUCCESS => {
```

```
  "changed": false,
```

```
  "ping": "pong"
```

```
}  
192.168.100.15 | SUCCESS => {  
  "changed": false,  
  "ping": "pong"  
}  
...
```

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