```
[davig@oracle ansible]$ cd group_vars/
[davig@oracle group_vars]$ ls
ubuntu_jenkins
[davig@oracle group_vars]$ cd ..
[davig@oracle ansible]$ ansible all -m ping
server2 | SUCCESS => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/bin/python3"
    },
    "changed": false,
    "ping": "pong"
}
server1 | SUCCESS => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/bin/python3"
    },
    "changed": false,
    "ping": "pong"
}
[davig@oracle ansible]$
```

```
---
- name: Install Apache webserver. Upload page example.
  hosts: all
  become: yes

  vars:
    source_file: index.html
    destin_file: /var/www/html


  tasks:
  - name: Install Apache Web Server
    apt:  name=apache2 state=latest

  - name: Copy index.html to target server
    copy: src={{ source_file }} dest={{ destin_file }} mode=0555
    notify: Restart Apache

  - name: Start Apache and enabling it during boot
    service: name=apache2 state=started enabled=yes

  handlers:
  - name: Restart Apache
    service: name=apache2 state=restarted
~
~
~
```

```
[davig@oracle ansible]$ ansible-playbook playbook.yml

PLAY [Install Apache webserver. Upload page example.] ****************************************

TASK [Gathering Facts] ****************************************************************
ok: [server2]
ok: [server1]

TASK [Install Apache Web Server] ******************************************************
ok: [server1]
ok: [server2]

TASK [Copy index.html to target server] ***********************************************
ok: [server1]
ok: [server2]

TASK [Start Apache and enabling it during boot] ***************************************
ok: [server2]
ok: [server1]

PLAY RECAP ***************************************************************************
server1                    : ok=4    changed=0    unreachable=0    failed=0    skipped=0    rescued=0
ignored=0
server2                    : ok=4    changed=0    unreachable=0    failed=0    skipped=0    rescued=0
ignored=0

[davig@oracle ansible]$
```

```yaml
---
- name: Install Apache webserver. Upload page example.
  hosts: all
  become: yes

  vars:
    source_file: index.html
    destin_file: /var/www/html


  tasks:

  - name: Check Linux Distr
    debug:  var=ansible_os_family

  - block: # For Red Hat

     - name: Install Apache on Red Hat
       yum:  name=httpd state=latest

     - name: Copy index.html to target server
       copy: src={{ source_file }} dest={{ destin_file }} mode=0555
       notify: Restart Apache RedHat

     - name: Start Apache and enabling it during boot
       service: name=httpd  state=started enabled=yes

    when: ansible_os_family == "RedHat"

  - block: #For Debian

     - name: Install Apache Web Server on Debian
       apt:  update_cache=yes name=apache2 state=latest

     - name: Copy index.html to target server
       copy: src={{ source_file }} dest={{ destin_file }} mode=0555
       notify: Restart Apache Debian

     - name: Start Apache and enabling it during boot
       service: name=apache2 state=started enabled=yes

    when: ansible_os_family == "Debian"

  handlers:
  - name: Restart Apache RedHat
    service: name=httpd  state=restarted

  - name: Restart Apache Debian
    service: name=apache2 state=restarted


~
~
~
~
~
"playbook2.yml" 51L, 1242C
```

```
TASK [Gathering Facts] **********************************************************
ok: [redhat]
ok: [server1]
ok: [server2]

TASK [Check Linux Distr] ********************************************************
ok: [redhat] => {
    "ansible_os_family": "RedHat"
}
ok: [server1] => {
    "ansible_os_family": "Debian"
}
ok: [server2] => {
    "ansible_os_family": "Debian"
}

TASK [Install Apache on Red Hat] ************************************************
skipping: [server1]
skipping: [server2]
ok: [redhat]

TASK [Copy index.html to target server] ****************************************
skipping: [server1]
skipping: [server2]
ok: [redhat]

TASK [Start Apache and enabling it during boot] ********************************
skipping: [server1]
skipping: [server2]
ok: [redhat]

TASK [Install Apache Web Server on Debian] ************************************
skipping: [redhat]
ok: [server1]
ok: [server2]

TASK [Copy index.html to target server] ****************************************
skipping: [redhat]
ok: [server1]
ok: [server2]

TASK [Start Apache and enabling it during boot] ********************************
skipping: [redhat]
ok: [server1]
ok: [server2]

PLAY RECAP *********************************************************************
redhat                     : ok=5    changed=0    unreachable=0    failed=0    skipped=3    rescued=0
ignored=0
server1                    : ok=5    changed=0    unreachable=0    failed=0    skipped=3    rescued=0
ignored=0
server2                    : ok=5    changed=0    unreachable=0    failed=0    skipped=3    rescued=0
ignored=0

[davig@oracle ansible]$
```

```
TASK [Install Apache on Red Hat] **************************************************************
skipping: [server1]
skipping: [server2]
ok: [redhat]

TASK [Start Apache and enabling it during boot] ***********************************************
skipping: [server1]
skipping: [server2]
ok: [redhat]

TASK [Install Apache Web Server on Debian] ****************************************************
skipping: [redhat]
ok: [server1]
ok: [server2]

TASK [Start Apache and enabling it during boot] ***********************************************
skipping: [redhat]
ok: [server1]
ok: [server2]

TASK [Copy dir "MyWebServer" to target server] ***********************************************
changed: [server1] => (item=index.html)
changed: [server2] => (item=index.html)
changed: [redhat] => (item=index.html)
changed: [server2] => (item=photo.jpg)
changed: [server1] => (item=photo.jpg)
changed: [redhat] => (item=photo.jpg)

RUNNING HANDLER [Restart Apache RedHat] ******************************************************
skipping: [server2]
skipping: [server1]
changed: [redhat]

RUNNING HANDLER [Restart Apache Debian] ******************************************************
skipping: [redhat]
changed: [server2]
changed: [server1]

PLAY RECAP ***********************************************************************************
redhat                     : ok=6    changed=2    unreachable=0    failed=0    skipped=3    rescued=0    ignored=0

server1                    : ok=6    changed=2    unreachable=0    failed=0    skipped=3    rescued=0    ignored=0

server2                    : ok=6    changed=2    unreachable=0    failed=0    skipped=3    rescued=0    ignored=0


[davig@oracle ansible]$
```

VPN ⚠ Не защищено   3.127.39.0

Hello From DevOps WebPage!

Page created for use in Ansible I change this file

```
TASK [Install Apache Web Server on Debian] **************************************************
skipping: [redhat]
ok: [server1]
ok: [server2]

TASK [Start Apache and enabling it during boot] ********************************************
skipping: [redhat]
ok: [server1]
ok: [server2]

TASK [Generate index.html using template] *************************************************
changed: [server2]
changed: [server1]
changed: [redhat]

TASK [Copy dir "MyWebServer" to target server] ********************************************
ok: [server2]
ok: [server1]
ok: [redhat]

RUNNING HANDLER [Restart Apache RedHat] ***************************************************
skipping: [server2]
skipping: [server1]
changed: [redhat]

RUNNING HANDLER [Restart Apache Debian] ***************************************************
skipping: [redhat]
changed: [server2]
changed: [server1]

PLAY RECAP ******************************************************************************
redhat                     : ok=7    changed=2    unreachable=0    failed=0    skipped=3    rescued=0    ignored=0

server1                    : ok=7    changed=2    unreachable=0    failed=0    skipped=3    rescued=0    ignored=0

server2                    : ok=7    changed=2    unreachable=0    failed=0    skipped=3    rescued=0    ignored=0


[davig@oracle ansible]$
```

VPN ⚠ Не защищено   3.127.39.0

Hello From Host - ip-172-31-32-221!

Linux Distrib is Debian IP adress is 172.31.32.221