



```
dev@9a3f3e493348:~/.ssh/role/roles/web$ ls files/
script.js  style.css
dev@9a3f3e493348:~/.ssh/role/roles/web$ cat tasks/main.yml
- name: task1
  apt:
    name: "{{ package_name }}"
    state: present
  notify:
    - My_handler_1
- name: task3
  template:
    src: ./index.html.j2
    dest: /var/www/html/index.html
dev@9a3f3e493348:~/.ssh/role/roles/web$ cat handlers/main.yml
- name: My_handler_1
  ansible.builtin.copy:
    src: "{{ item }}"
    dest: /var/www/html
  loop: "{{ files_list }}"
  notify: my_handler_2
- name: my_handler_2
  service:
    name: "{{ package_name }}"
    state: started
dev@9a3f3e493348:~/.ssh/role/roles/web$
```

```
dev@9a3f3e493348: ~/.ssh/role/roles$ ll
total 16
drwxrwxr-x. 3 dev dev 103 Apr 14 01:58 ./
drwxrwxr-x. 3 dev dev 99 Apr 14 01:37 ../
-rw-r--r--. 1 dev dev 4096 Apr 14 01:58 .ansible.cfg.swp
-rw-rw-r--. 1 dev dev 128 Apr 13 23:01 ansible.cfg
-rw-rw-r--. 1 dev dev 78 Apr 14 01:21 first-playbook.yml
-rw-rw-r--. 1 dev dev 25 Apr 13 23:01 inventory
drwxrwxr-x. 7 dev dev 77 Apr 13 23:46 web/
dev@9a3f3e493348: ~/.ssh/role/roles$ cat inventory
[web-servers]
172.17.0.3
dev@9a3f3e493348: ~/.ssh/role/roles$ cat first-playbook.yml
- name: play1
  hosts: web-servers
  gather_facts: false
  roles:
    - web
dev@9a3f3e493348: ~/.ssh/role/roles$ cat ansible.cfg
[defaults]
inventory=./inventory
private_key_file=/home/dev/.ssh/devops
remote_user=abanob

[privilege_escalation]
become=true
dev@9a3f3e493348: ~/.ssh/role/roles$
```

```
dev@9a3f3e493348:~/.ssh/role/roles/web$ cat vars/main.yml
package_name: nginx
files_list:
- index.html
- style.css
- script.js

my_message: hello world
my_name: happy new year from abanob
dev@9a3f3e493348:~/.ssh/role/roles/web$ cat templates/index.html.j2
<html>
<body>
<h1> "{{ my_message }}" </h1>
<h1> "{{ my_name }}" </h1>
</body>
</html>
dev@9a3f3e493348:~/.ssh/role/roles/web$
```

```
dev@9a3f3e493348:~/.ssh/role/roles$ ll
total 16
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[web-servers]
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dev@9a3f3e493348:~/.ssh/role/roles$ cat ansible.cfg
[defaults]
inventory=./inventory
private_key_file=/home/dev/.ssh/devops
remote_user=abanob

[privilege_escalation]
become=true
dev@9a3f3e493348:~/.ssh/role/roles$
```

CentOS 7 64-bit

File Edit View VM Tabs Help

Applications Places Visual Studio Code

Fri 02:24

sudo - abanob - Visual Studio Code

File Edit Selection View Go Run Terminal Help

sudo

dev@9a3f3e493348:~/.ssh/role\$ ansible-playbook first-playbook.yml --ask-become-pass
BECOME password:
[WARNING]: Invalid characters were found in group names but not replaced, use -vvvv to see details

PLAY [play1] *****

TASK [task1] *****
ok: [172.17.0.3]

TASK [task2] *****
changed: [172.17.0.3]

TASK [task3] *****
ok: [172.17.0.3]

PLAY RECAP *****
172.17.0.3 : ok=3 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

dev@9a3f3e493348:~/.ssh/role\$

sudo

abanob@77f0f1cfbab4:~\$ ls /var/www/html/
index.html index.nginx-debian.html script.js style.css
abanob@77f0f1cfbab4:~\$ cat /var/www/html/index.html
<html>
<body>
<h1> "hello world" </h1>
<h1> "happy new year from abanob" </h1>
</body>
</html>
abanob@77f0f1cfbab4:~\$

0 0 0

dev@9a3f3e493348: ~/.ssh/role abanob@localhost:~ sudo - abanob - Visual Studio Code

To direct input to this VM, move the mouse pointer inside or press Ctrl+G.

Windows Taskbar

System Tray