

my-file.yml - ubuntu\_doc - Visual Studio Code

```
1  - name: play1
2    hosts: web_servers
3    tasks:
4      - name: Update package cache
5        apt:
6          update_cache: yes
7
8      - name: Install the latest version of Nginx
9        apt:
10         name: nginx
11         state: latest
12
13      - name: Copy custom index.html to web root
14        copy:
15         src: ./index.html
16         dest: /var/www/html/index.html
17         owner: itl
18         group: itl
19         mode: '0644'
20
21      - name: [rest]
22        service:
23         name: nginx
24         state: restarted
25         use: service
26
27
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
[root@localhost ubuntu_doc]# ansible-playbook my-file.yml
BECOME password:

PLAY [play1] *****

TASK [Gathering Facts] *****
ok: [172.17.0.2]

TASK [Update package cache] *****
ok: [172.17.0.2]

TASK [Install the latest version of Nginx] *****
ok: [172.17.0.2]

TASK [Copy custom index.html to web root] *****
ok: [172.17.0.2]

TASK [rest] *****
changed: [172.17.0.2]

PLAY RECAP *****
172.17.0.2 : ok=5 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
```

inventory - ubuntu\_doc - Visual Studio Code

```
1 [web_servers]
2 172.17.0.2
3
4
```

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index.html - ubuntu\_doc - Visual Studio Code

```
File Edit Selection View Go Run Terminal Help
```

EXPLORER

- ubuntu\_doc
  - keys
  - key.pub
  - ansible.cfg
  - Dockerfile
  - index.html
  - inventory
  - my-file.yml

index.html

```
1 <!DOCTYPE html>
2 <h1>hello</h1>
```

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Dockerfile - ubuntu\_doc - Visual Studio Code

```
File Edit Selection View Go Run Terminal Help
```

EXPLORER

- ubuntu\_doc
  - keys
  - key.pub
  - ansible.cfg
  - Dockerfile
  - index.html
  - inventory
  - my-file.yml

Dockerfile

```
1
2 FROM ubuntu
3
4 RUN apt update && apt install ssh sudo -y
5
6 RUN adduser itl
7
8 RUN echo "itl:123" | chpasswd
9
10 RUN usermod -sG sudo itl
11
12 ENTRYPOINT service ssh start && bash
13
14 #ansible all -i 172.17.0.2, --private-key /home/yousra/ubuntu_doc/keys/key.pub -u itl -m ping
15
16 #172.17.0.2
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ansible.cfg - ubuntu\_doc - Visual Studio Code

```
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EXPLORER

- ubuntu...
- keys
  - key
  - key.pub
- ansible.cfg
- Dockerfile
- index.html
- inventory
- my-file.yml

ansible.cfg

```
1 [defaults]
2 inventory = ../inventory
3 private_key_file = ../keys/key
4 remote_user = itl
5
6 [privilege_escalation]
7 become = true
8 become_ask_pass = true
9
```

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15       src: ../index.html
16       dest: /var/www/html/index.html
17       owner: itl
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21   - name: rest
22     service:
23       name: nginx
24       state: restarted
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