

Ansible Lab1

Ansible inventory file:

```
! inventory.yml > {} web-servers > hosts
Ansible Inventory - Ansible inventory files (inventory.json)
1
2 web-servers:
3   hosts:
4     172.17.0.2
```

Ansible configuration file:

```
ansible.cfg
1 [defaults]
2 inventory = ./inventory
3 private_key_file= ~/.ssh/private_key_file
4 remote_user=iti
5 [privilege_escalation]
6 become = true
7 become_method = sudo
8 become_ask_pass = true
```

Ansible playbook:

```
! playbook.yml > ...
Ansible Playbook - Ansible playbook files (ansible.json)
1  --
2  - name: play1
3    gather_facts: false
4    hosts: web-servers
5
6    tasks:
7      - name: updating cache
8        apt:
9          update_cache: true
10
11     - name: install latest nginx
12       apt:
13         name: nginx
14         state:
15           latest
16
17     - name: Copy index.html from controller to host 1
18       copy:
19         src: /home/shehab/Documents/Ansible/Lab1/index.html
20         dest: /var/www/html/index.html
21         remote_user: iti
22         tags:
23           - update
24
25     - name: restart nginx service
26       service:
27         name: nginx
28         state: restarted
29         use: service
30
```

index.html:

```
echo "Hello From Shehab Gamal" > index.html
```

output: ansible-playbook playbook.yml

```
PLAY [play1] *****
TASK [updating pkm] *****
changed: [172.17.0.2]
```

```
BECOME password:
PLAY [play1] *****
TASK [Installing Nginx] *****
ok: [172.17.0.2]
TASK [Copy index.html from controller to host] *****
ok: [172.17.0.2]
TASK [Restart Nginx service] *****
changed: [172.17.0.2]
PLAY RECAP *****
172.17.0.2 : ok=3  changed=1  unreachable=0  failed=0  skipped=0  rescued=0  ignored=0
```

← → ↻ ⚠ Not secure | 172.17.0.2

Hello From Shehab Gamal