

Ansible Task 1

1 - install NGINX on Machine and Configure it to listen on port 8090 then change the default page to custom index.html on machines

2 - Deploy And Run This app <https://github.com/sabreensalama/dockerize-node-app-task> on the machine

The Solutions :

1 – Screen From Terminal

```
amr@DESKTOP-D5VVHN0: ~/ansible_tasks/Task_1$ ansible-playbook nginx_playbook.yml -i inventory.ini

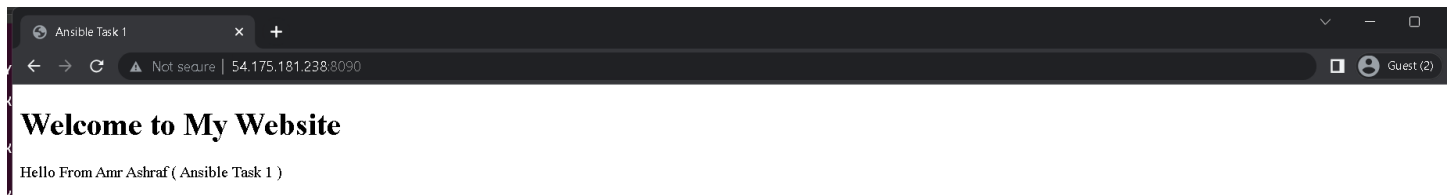
PLAY [Install NGINX and configure] *****
TASK [Gathering Facts] *****The authenticity of host '54.175.181.238 (54.175.181.238)' can't be established.
ED25519 key fingerprint is SHA256:kcsKi+TK0w/pfM9k9zPJPnHtkIBUTQQTywSLc1vd4qs.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
ok: [54.175.181.238]

TASK [Install NGINX] *****changed: [54.175.181.238]
TASK [Change default NGINX configuration] *****changed: [54.175.181.238]
TASK [Copy custom index.html] *****changed: [54.175.181.238]
TASK [Update apt cache] *****changed: [54.175.181.238]
TASK [Install Node.js and npm] *****changed: [54.175.181.238]
TASK [Clone the app repository] *****changed: [54.175.181.238]
TASK [Install app dependencies] *****changed: [54.175.181.238]
TASK [Start the app] *****changed: [54.175.181.238]
RUNNING HANDLER [Restart NGINX] *****changed: [54.175.181.238]

PLAY RECAP *****54.175.181.238 : ok=10  c
hanged=9  unreachable=0  failed=0  skipped=0  rescued=0  ignored=0

amr@DESKTOP-D5VVHN0: ~/ansible_tasks/Task_1$
```

2 – Screen From The Nginx With Port 8090 After Configured it



3 – Screen inside the machine with the node app

```
Last login: Sat Jul 15 10:46:00 2023 from 102.60.65.6
ubuntu@ip-172-31-87-254:~$ cd /
ubuntu@ip-172-31-87-254:/$ cd opt
ubuntu@ip-172-31-87-254:/opt$ ls
dockerize-node-app-task
ubuntu@ip-172-31-87-254:/opt$ cd dockerize-node-app-task/
ubuntu@ip-172-31-87-254:/opt/dockerize-node-app-task$ ls
README.md  node_modules  package-lock.json  package.json  server.js
ubuntu@ip-172-31-87-254:/opt/dockerize-node-app-task$
```

4 – Screen From The Node App With Port 8080

