

## Module-6: Ansible Assignment - 4

You have been asked to:

- Use the previous deployment of ansible cluster

Solution:

Instead of using the tasks folder just use the files folder to create the file

copy.yaml (create folder in the files folder)  
inside the file

```
- name: task7 in install.yaml
  when: ansible_distribution == "Ubuntu"
  copy:
    src: /etc/ansible/roles/nginx/files/index.html
    dest: /var/www/html/
```

inside the "files" folder we will create the "index.html" file  
inside the "index.html" put

```
<h1>This is the 2nd last assignment </h1>
```

```
mv copy.yaml /etc/ansible/roles/nginx/tasks/
```

mention the above file in the "main.yaml" as

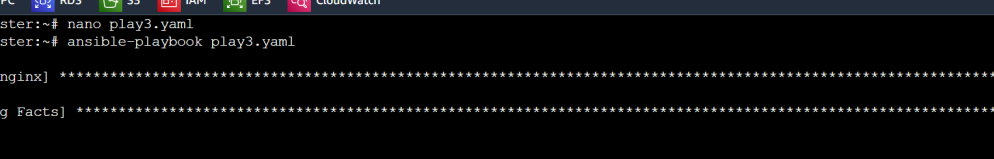
```
- include_task : copy.yaml
```

Update the below code inside the folder play3.yaml that is playbook

```
- name: install nginx
hosts: Node2
become: yes
tasks:
roles:
- nginx
```

execute the file with the below code:  
ansible-playbook play3.yaml

- Configure the files folder in the role with index.html which should be replaced with the original index.html



The screenshot shows the AWS CloudShell interface. At the top, there's a navigation bar with 'Services', a search bar, and icons for EC2, VPC, RDS, S3, IAM, EFS, and CloudWatch. The terminal window shows a user at 'root@Ansiblemaster:~' running 'nano play3.yaml' and then 'ansible-playbook play3.yaml'. The output shows the playbook is running on 'Node2', gathering facts, and including tasks from 'etc/ansible/roles/nginx/tasks/copy.yaml'. The final status shows 'changed: [Node2]' and a recap of the results: 'ok=3', 'changed=1', 'unreachable=0', 'failed=0', 'skipped=0', 'rescued=0', and 'ignored=0'. Below the terminal, the instance ID 'i-0be1b633f03a3f278 (Ansible\_master)' and its public IP '52.66.137.126' are displayed. The bottom of the image shows the Windows taskbar with various application icons and the system clock indicating 4:01 AM on 3/13/2024.

```
root@Ansiblemaster:~# nano play3.yaml
root@Ansiblemaster:~# ansible-playbook play3.yaml

PLAY [install nginx] *****

TASK [Gathering Facts] *****
ok: [Node2]

TASK [nginx : include tasks] *****
included: /etc/ansible/roles/nginx/tasks/copy.yaml for Node2

TASK [nginx : task7] *****
changed: [Node2]

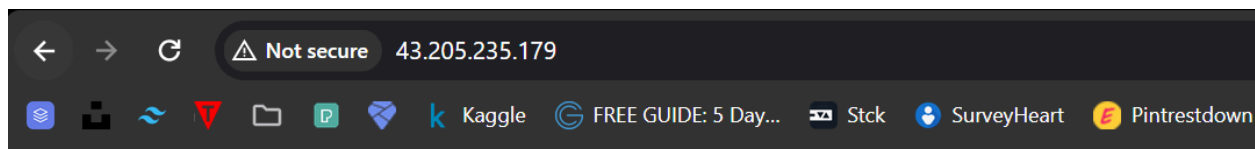
PLAY RECAP *****
Node2                : ok=3    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

root@Ansiblemaster:~#
```

i-0be1b633f03a3f278 (Ansible\_master)

PublicIPs: 52.66.137.126 PrivateIPs: 172.31.45.0

All of the above should only happen on the slave which has nginx installed using the role



This is the 2nd last assignment