



## **Module 5: Ansible Assignment - 4**

---

---

### **Tasks To Be Performed:**

1. Use the previous deployment of Ansible cluster
2. Configure the files folder in the role with index.html which should be replaced with the original index.html

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



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EC2

[EC2](#) > [Instances](#) > Launch an instance

## Launch an instance [Info](#)

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

### Name and tags [Info](#)

Name

Ansible-master

[Add additional tags](#)

### ▼ Application and OS Images (Amazon Machine Image) [Info](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

Recents

[Quick Start](#)

### ▼ Summary

Number of instances [Info](#)

3

When launching more than 1 instance, [consider EC2 Auto Scaling](#)

[Software Image \(AMI\)](#)

Canonical, Ubuntu, 22.04 LTS, ...[read more](#)  
ami-0a0e5d9c7acc336f1

[Virtual server type \(instance type\)](#)

t2.micro

[Firewall \(security group\)](#)

default

[Storage \(volumes\)](#)

1 volume(s) - 8 GiB



Free tier: In your first year includes



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aws

macOS  
Mac

Ubuntu  
ubuntu

Windows  
Microsoft

Red Hat  
Red Hat

SUSE  
SI

Browse more AMIs  
Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Ubuntu Server 22.04 LTS (HVM), SSD Volume Type  
ami-0a0e5d9c7acc336f1 (64-bit (x86)) / ami-070f589e4b4a3fece (64-bit (Arm))  
Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

Description

Ubuntu Server 22.04 LTS (HVM),EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).

Architecture

64-bit (x86)

AMI ID

ami-0a0e5d9c7acc336f1

Verified provider

▼ Instance type Info | Get advice

▼ Summary

Number of instances Info

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Software Image (AMI)

Canonical, Ubuntu, 22.04 LTS, ...[read more](#)  
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us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:

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Instance type

t2.micro

Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true  
On-Demand Windows base pricing: 0.0162 USD per Hour  
On-Demand SUSE base pricing: 0.0116 USD per Hour  
On-Demand RHEL base pricing: 0.026 USD per Hour  
On-Demand Linux base pricing: 0.0116 USD per Hour

▼

☐ All generations

[Compare instance types](#)

[Additional costs apply for AMIs with pre-installed software](#)

▼ Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

sujith123

▼

↻

[Create new key pair](#)

▼ Network settings [Info](#)

Network [Info](#)

vpc-06a980b08a54688af

Subnet [Info](#)

Edit

▼ Summary

Number of instances [Info](#)

3

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[Software Image \(AMI\)](#)

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ami-0a0e5d9c7acc336f1

[Virtual server type \(instance type\)](#)

t2.micro

[Firewall \(security group\)](#)

default

[Storage \(volumes\)](#)

1 volume(s) - 8 GiB

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vpc-06a980b08a54688af

Subnet [Info](#)

No preference (Default subnet in any availability zone)

Auto-assign public IP [Info](#)

Enable

Additional charges apply when outside of free tier allowance

Firewall (security groups) [Info](#)

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☐ Create security group

☒ Select existing security group

Common security groups [Info](#)

Select security groups

default sg-06d9c74e80448682b X  
VPC: vpc-06a980b08a54688af

Security groups that you add or remove here will be added to or removed from all your network interfaces.



Compare security group rules

▼ **Configure storage** [Info](#) [Advanced](#)

1x 8 GiB gp2 ▼ Root volume (Not encrypted)

▼ Summary

Number of instances [Info](#)

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Software Image (AMI) [Info](#)

Canonical, Ubuntu, 22.04 LTS, ...[read more](#)

ami-0a0e5d9c7acc336f1

Virtual server type (instance type)

t2.micro

Firewall (security group)

default

Storage (volumes)

1 volume(s) - 8 GiB



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EC2 Dashboard

EC2 Global View

Events

Console-to-Code [Preview](#)

## ▼ Instances

[Instances](#)

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

## ▼ Images

AMIs

AMI Catalog

## ▼ Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Instances (1/3) [Info](#)

Connect

Instance state ▼

Actions ▼

Launch instances ▼

All states ▼

&lt; 1 &gt;



<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Avai
<input checked="" type="checkbox"/>	Ansible-master	i-0489258e12cdf9968	Running	t2.micro	Initializing	<a href="#">View alarms</a> +	us-e
<input type="checkbox"/>	Ansible-slave1	i-0571382483f07ff03	Running	t2.micro	-	<a href="#">View alarms</a> +	us-e
<input type="checkbox"/>	Ansible-slave2	i-0e2f9d1f0455249dd	Running	t2.micro	Initializing	<a href="#">View alarms</a> +	us-e

## i-0489258e12cdf9968 (Ansible-master)

[Details](#)[Status and alarms](#)[Monitoring](#)[Security](#)[Networking](#)[Storage](#)[Tags](#)▶ Instance summary [Info](#)▶ Instance details [Info](#)▼ Host and placement group [Info](#)

Host ID

Affinity

Placement group

-

-

-

Host resource group name

Tenancy

Placement group ID

-

default

-



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### All ports are open to all IPv4 addresses in your security group

All ports are currently open to all IPv4 addresses, indicated by **All** and **0.0.0.0/0** in the inbound rule in [your security group](#). For increased security, consider restricting access to only the EC2 Instance Connect service IP addresses for your Region: 18.206.107.24/29. [Learn more](#).

#### Instance ID

📄 i-0489258e12cdf9968 (Ansible-master)

#### Connection Type



##### Connect using EC2 Instance Connect

Connect using the EC2 Instance Connect browser-based client, with a public IPv4 address.



##### Connect using EC2 Instance Connect Endpoint

Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.

#### Public IP address

📄 54.147.249.148

#### Username

Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, ubuntu.

🔍 ubuntu



**Note:** In most cases, the default username, ubuntu, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.

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```
ubuntu@ip-172-31-45-233:~$ sudo apt update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease [128 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease [127 kB]
Get:4 http://security.ubuntu.com/ubuntu jammy-security InRelease [129 kB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 Packages [14.1 MB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe Translation-en [5652 kB]
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 c-n-f Metadata [286 kB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [217 kB]
Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse Translation-en [112 kB]
Get:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 c-n-f Metadata [8372 B]
Get:11 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1888 kB]
Get:12 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [337 kB]
Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 c-n-f Metadata [17.7 kB]
Get:14 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [2238 kB]
Get:15 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted Translation-en [384 kB]
Get:16 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 c-n-f Metadata [604 B]
Get:17 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1108 kB]
Get:18 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe Translation-en [258 kB]
Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 c-n-f Metadata [25.4 kB]
Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [43.3 kB]
Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse Translation-en [10.8 kB]
Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 c-n-f Metadata [444 B]
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [67.1 kB]
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [11.0 kB]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [388 B]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [28.8 kB]
Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [16.5 kB]
Get:29 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [672 B]
```

i-0489258e12cdf9968 (Ansible-master)

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```
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
software-properties-common is already the newest version (0.99.22.9).
software-properties-common set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 19 not upgraded.
ubuntu@ip-172-31-45-233:~$ sudo add-apt-repository --yes --update ppa:ansible/ansible
Repository: 'deb https://ppa.launchpadcontent.net/ansible/ansible/ubuntu/ jammy main'
Description:
Ansible is a radically simple IT automation platform that makes your applications and systems easier to deploy. Avoid writing scripts or custom code to deploy and update your applications— automate in a language that approaches plain English, using SSH, with no agents to install on remote systems.

http://ansible.com/

If you face any issues while installing Ansible PPA, file an issue here:
https://github.com/ansible-community/ppa/issues
More info: https://launchpad.net/~ansible/+archive/ubuntu/ansible
Adding repository.
Adding deb entry to /etc/apt/sources.list.d/ansible-ubuntu-ansible-jammy.list
Adding disabled deb-src entry to /etc/apt/sources.list.d/ansible-ubuntu-ansible-jammy.list
Adding key to /etc/apt/trusted.gpg.d/ansible-ubuntu-ansible.gpg with fingerprint 6125E2A8C77F2818FB7BD15B93C4A3FD7BB9C367
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease
Hit:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu jammy-security InRelease
Get:5 https://ppa.launchpadcontent.net/ansible/ansible/ubuntu jammy InRelease [18.0 kB]
Get:6 https://ppa.launchpadcontent.net/ansible/ansible/ubuntu jammy/main amd64 Packages [1120 B]
Get:7 https://ppa.launchpadcontent.net/ansible/ansible/ubuntu jammy/main Translation-en [752 B]
Fetched 19.9 kB in 1s (21.0 kB/s)
```

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```
Generating public/private rsa key pair.
Enter file in which to save the key (/home/ubuntu/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/ubuntu/.ssh/id_rsa
Your public key has been saved in /home/ubuntu/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:1M8/RSxdqYhBWK2t6ovzhafyCB2WRFYJDKYF4AjEhj8 ubuntu@ip-172-31-45-233
The key's randomart image is:
+---[RSA 3072]-----+
|Bo.+o+o.=o.      o|
|=o+ o. o o .  +.|
|o+  . . * . o +|
| E . . . o = . o|
|  . + S . o .|
|  o . . . .|
|  . . . . o|
|  .oo.+  .|
|  o**.|
+---[SHA256]-----+
ubuntu@ip-172-31-45-233:~/.ssh$ /home/ubuntu/.ssh/id_rsa.pub
-bash: /home/ubuntu/.ssh/id_rsa.pub: Permission denied
ubuntu@ip-172-31-45-233:~/.ssh$ ls
authorized_keys  id_rsa  id_rsa.pub
ubuntu@ip-172-31-45-233:~/.ssh$ /home/ubuntu/.ssh/id_rsa.pub
-bash: /home/ubuntu/.ssh/id_rsa.pub: Permission denied
ubuntu@ip-172-31-45-233:~/.ssh$ ls
authorized_keys  id_rsa  id_rsa.pub
ubuntu@ip-172-31-45-233:~/.ssh$ sudo cat /home/ubuntu/.ssh/id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGDQg08BtenfK54E2c7OBRbZP9HwMfsRzqjRxbTg4Tg3tRnp8PDDMGv+1ZyXld4Gn5OMQ9psOdMBDL/s12tOZqeHoiVy6IoRw9QGhxVJ
```

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EC2

```
ubuntu@ip-172-31-45-233:~/.ssh$ /home/ubuntu/.ssh/id_rsa.pub
-bash: /home/ubuntu/.ssh/id_rsa.pub: Permission denied
ubuntu@ip-172-31-45-233:~/.ssh$ ls
authorized_keys  id_rsa  id_rsa.pub
ubuntu@ip-172-31-45-233:~/.ssh$ sudo cat /home/ubuntu/.ssh/id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQgQDqO8BtenfK54E2c7OBRbZP9HwMfsRzqjRxbTg4Tg3tRnp8PDDMGv+1ZyXld4Gn5OMQ9psOdMBDL/s12tOZqeHoiVy6IoRw9QGhxVJ
UJWdtci04e2pAR9y7naTPiSmkgeskPyaoykJ6WyRm7TA3oJNoPjz9bXRGZFMY4OKO9/JLWvMUZ0AIdLD3bD2vrwESgZVqPNvP5obGeHUEQpc0YBCipY8iBVeFepFWX4o6zEWra3gRtG
8/meWcyxwW8b2dh5rITGAVqQV7a2qFR4/LZ/v7K5KG0Jd50fka+eCmrVRb7acPlTW0vYXk+vroaq0okrjqYNWuKp+wEWP2ctUKpVmJ4EG4tH60Q9jiuV/AzdtZyj49MAfxtWS2mEmX6
EI62qqsresQWpwmfzqussnm8F6y2R4Pkkvs6Xv/ZTQP5mgTNXvmK78QsS5I1CFRFzk0nXv1LLzPdKlCRxdzSC/8UKGvqihljl5JqulJv1MPi9EaWq6H6xFt/gIbTKsWjBvRQgc= ubu
ntu@ip-172-31-45-233
ubuntu@ip-172-31-45-233:~/.ssh$ cd /etc/ansible
ubuntu@ip-172-31-45-233:/etc/ansible$ ls
ansible.cfg  hosts  roles
ubuntu@ip-172-31-45-233:/etc/ansible$ ^C
ubuntu@ip-172-31-45-233:/etc/ansible$ sudo nano hosts
ubuntu@ip-172-31-45-233:/etc/ansible$ ansible -m ping all
The authenticity of host '172.31.42.6 (172.31.42.6)' can't be established.
ED25519 key fingerprint is SHA256:NKIRDQSRORuwO2Rp/cfd3wNAw7R/YY6CYva79cCjiZc.
This key is not known by any other names
The authenticity of host '172.31.34.252 (172.31.34.252)' can't be established.
ED25519 key fingerprint is SHA256:pAYwGXQo4oX/s+5NdKv5NhWLOMXm5VOKlX0Nqn/xXrk.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
172.31.42.6 | SUCCESS => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": false,
  "ping": "pong"
}
```

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```
"discovered_interpreter_python": "/usr/bin/python3"
},
"changed": false,
"ping": "pong"
}
ubuntu@ip-172-31-45-233:/etc/ansible$ cd
ubuntu@ip-172-31-45-233:~$ cd /etc/ansible/roles
ubuntu@ip-172-31-45-233:/etc/ansible/roles$ ls
ubuntu@ip-172-31-45-233:/etc/ansible/roles$ cd apache
-bash: cd: apache: No such file or directory
ubuntu@ip-172-31-45-233:/etc/ansible/roles$ cd
ubuntu@ip-172-31-45-233:~$ cd /etc/ansible
ubuntu@ip-172-31-45-233:/etc/ansible$ cd roles
ubuntu@ip-172-31-45-233:/etc/ansible/roles$ ls
ubuntu@ip-172-31-45-233:/etc/ansible/roles$ sudo ansible-galaxy init apache
- Role apache was created successfully
ubuntu@ip-172-31-45-233:/etc/ansible/roles$ sudo ansible-galaxy init nginx
- Role nginx was created successfully
ubuntu@ip-172-31-45-233:/etc/ansible/roles$ ls
apache  nginx
ubuntu@ip-172-31-45-233:/etc/ansible/roles$ cd apache
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache$ ls
README.md  defaults  files  handlers  meta  tasks  templates  tests  vars
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache$ cd files
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache/files$ ls
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache/files$ sudo nano index.html
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache/files$ cd ..
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache$ cd tasks
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache/tasks$ ls
main.yml
```

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EC2

GNU nano 6.2

copy.yaml \*

```
---
- name: copying custom html file
  copy: src=/etc/ansible/roles/apache/files/index.html dest=/var/www/html/
```

Help Write Out Where Is Cut Execute Location M-U Undo M-A Set Mark  
Exit Read File Replace Paste Justify Go To Line M-E Redo M-6 Copy

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us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0489258e12cdf9968&osUser=ubuntu&region=us-east-1&sshPo...

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EC2

GNU nano 6.2

main.yml \*

🗑

---

- include\_tasks: install.yaml

- include\_tasks: copy.yaml

^G Help

^O Write Out

^W Where Is

^K Cut

^T Execute

^C Location

M-U Undo

M-A Set Mark

^X Exit

^R Read File

^\_ Replace

^U Paste

^J Justify

^/ Go To Line

M-E Redo

M-6 Copy

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```
GNU nano 6.2 copy.yaml *
---
- name: copying custom html file
  copy: src=/etc/ansible/roles/nginx/files/index.html dest=/var/www/html/
```

^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark  
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy

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us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0489258e12cdf9968&osUser=ubuntu&region=us-east-1&sshPo...

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```
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache/tasks$ sudo nano main.yml
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache/tasks$ cd ../../
ubuntu@ip-172-31-45-233:/etc/ansible/roles$ cd nginx
ubuntu@ip-172-31-45-233:/etc/ansible/roles/nginx$ cd files
ubuntu@ip-172-31-45-233:/etc/ansible/roles/nginx/files$ cd ..
ubuntu@ip-172-31-45-233:/etc/ansible/roles/nginx$ cd ..
ubuntu@ip-172-31-45-233:/etc/ansible/roles$ cd apache
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache$ ls
README.md  defaults  files  handlers  meta  tasks  templates  tests  vars
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache$ cd files
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache/files$ cat index.html
<html>
<head>
<title> intellipaat</title>
</head>
<body>
<hi align=center> hello world! </hi>
</body>
</html>
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache/files$ cd ../../../../
ubuntu@ip-172-31-45-233:/etc/ansible$ cd roles
ubuntu@ip-172-31-45-233:/etc/ansible/roles$ cd nginx/files
ubuntu@ip-172-31-45-233:/etc/ansible/roles/nginx/files$ sudo nano index.html
ubuntu@ip-172-31-45-233:/etc/ansible/roles/nginx/files$ ls
index.html
ubuntu@ip-172-31-45-233:/etc/ansible/roles/nginx/files$ cd ..
ubuntu@ip-172-31-45-233:/etc/ansible/roles/nginx$ cd tasks
ubuntu@ip-172-31-45-233:/etc/ansible/roles/nginx/tasks$ ls
main.yml
ubuntu@ip-172-31-45-233:/etc/ansible/roles/nginx/tasks$ sudo nano main.yml
```

i-0489258e12cdf9968 (Ansible-master)

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```
ubuntu@ip-172-31-45-233:/etc/ansible/roles/nginx/files$ ls
index.html
ubuntu@ip-172-31-45-233:/etc/ansible/roles/nginx/files$ cat index.html
<html>
<head>
<title> intellipaat</title>
</head>
<body>
<hi align=center> hello world! </hi>
</body>
</html>
ubuntu@ip-172-31-45-233:/etc/ansible/roles/nginx/files$ cd ..
ubuntu@ip-172-31-45-233:/etc/ansible/roles/nginx$ cd tasks
ubuntu@ip-172-31-45-233:/etc/ansible/roles/nginx/tasks$ ls
main.yml
ubuntu@ip-172-31-45-233:/etc/ansible/roles/nginx/tasks$ cd ../../..
ubuntu@ip-172-31-45-233:/etc/ansible$ cd roles
ubuntu@ip-172-31-45-233:/etc/ansible/roles$ cd apache
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache$ cd tasks
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache/tasks$ ls
copy.yaml  main.yml
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache/tasks$ cat copy yaml
cat: copy: No such file or directory
cat: yaml: No such file or directory
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache/tasks$ cat copy.yaml
---
- name: copying custom html file
  copy: src=/etc/ansible/roles/apache/files/index.html dest=/var/www/html/
ubuntu@ip-172-31-45-233:/etc/ansible/roles/apache/tasks$ cd ../../
ubuntu@ip-172-31-45-233:/etc/ansible/roles$ cd nginx
```

i-0489258e12cdf9968 (Ansible-master)

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rsujithsri16@gmail.com



EC2

GNU nano 6.2

play3.yaml \*

```
---
- name: excuting apache role for slavel
  become: true
  hosts: slavel
  roles:
    - apache
- name: excuting nginx role for slave2
  become: true
  hosts: slave2
  roles:
    - nginx
```

^G Help    ^O Write Out    ^W Where Is    ^K Cut    ^T Execute    ^C Location    M-U Undo    M-A Set Mark  
^X Exit    ^R Read File    ^\ Replace    ^U Paste    ^J Justify    ^/ Go To Line    M-E Redo    M-6 Copy

i-0215176729f969fbb (ansible- master)

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us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0489258e12cdf9968&osUser=ubuntu&region=us-east-1&sshPo...

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EC2

ubuntu@ip-172-31-45-233:/\$ cd nginx

-bash: cd: nginx: No such file or directory

ubuntu@ip-172-31-45-233:/\$ cd

ubuntu@ip-172-31-45-233:~\$ cd /etc/ansible

ubuntu@ip-172-31-45-233:/etc/ansible\$ cd nginx

-bash: cd: nginx: No such file or directory

ubuntu@ip-172-31-45-233:/etc/ansible\$ sudo nano install.yaml

ubuntu@ip-172-31-45-233:/etc/ansible\$ ansible-playbook play3.yaml --syntax-check

playbook: play3.yaml

ubuntu@ip-172-31-45-233:/etc/ansible\$ ansible-playbook play3.yaml --check

PLAY [executing apache role for slave1] \*\*\*\*\*

TASK [Gathering Facts] \*\*\*\*\*

ok: [172.31.42.6]

TASK [apache : include\_tasks] \*\*\*\*\*

included: /etc/ansible/install.yaml for 172.31.42.6

TASK [apache : installing apache2] \*\*\*\*\*

changed: [172.31.42.6]

TASK [apache : include\_tasks] \*\*\*\*\*

included: /etc/ansible/roles/apache/tasks/copy.yaml for 172.31.42.6

TASK [apache : copying custom html file] \*\*\*\*\*

changed: [172.31.42.6]

PLAY [executing nginx role for slave2] \*\*\*\*\*

i-0489258e12cdf9968 (Ansible-master)

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us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0489258e12cdf9968&osUser=ubuntu&region=us-east-1&sshPo...

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EC2

TASK [nginx : include\_tasks] \*\*\*\*\*  
included: /etc/ansible/install.yaml for 172.31.34.252

TASK [nginx : installing apache2] \*\*\*\*\*  
changed: [172.31.34.252]

TASK [nginx : include\_tasks] \*\*\*\*\*  
included: /etc/ansible/roles/nginx/tasks/copy.yaml for 172.31.34.252

TASK [nginx : copying custom html file] \*\*\*\*\*  
changed: [172.31.34.252]

PLAY RECAP \*\*\*\*\*  
172.31.34.252 : ok=5 changed=2 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0  
172.31.42.6 : ok=5 changed=2 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

ubuntu@ip-172-31-45-233:/etc/ansible\$ ansible-playbook play3.yaml

PLAY [executing apache role for slave1] \*\*\*\*\*

TASK [Gathering Facts] \*\*\*\*\*  
ok: [172.31.42.6]

TASK [apache : include\_tasks] \*\*\*\*\*  
included: /etc/ansible/install.yaml for 172.31.42.6

TASK [apache : installing apache2] \*\*\*\*\*  
changed: [172.31.42.6]

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```
changed: [172.31.42.6]

TASK [apache : include_tasks] *****
included: /etc/ansible/roles/apache/tasks/copy.yaml for 172.31.42.6

TASK [apache : copying custom html file] *****
changed: [172.31.42.6]

PLAY [executing nginx role for slave2] *****

TASK [Gathering Facts] *****
ok: [172.31.34.252]

TASK [nginx : include_tasks] *****
included: /etc/ansible/install.yaml for 172.31.34.252

TASK [nginx : installing apache2] *****
changed: [172.31.34.252]

TASK [nginx : include_tasks] *****
included: /etc/ansible/roles/nginx/tasks/copy.yaml for 172.31.34.252

TASK [nginx : copying custom html file] *****
changed: [172.31.34.252]

PLAY RECAP *****
172.31.34.252      : ok=5    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
172.31.42.6       : ok=5    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

ubuntu@ip-172-31-45-233:/etc/ansible$
```

i-0489258e12cdf9968 (Ansible-master)  
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Not Secure

3.85.144.6



hello world!