

AWS Solutions Architect Certification Training

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DevOps-Module5-Ansible-Assignment-2 COMPLETED by Nagesha KS

Please check the following screenshots for each question.

Tasks To Be Performed:

1. Create a script which can add text "This text has been added by custom script" to /tmp.1.txt
2. Run this script using Ansible on all the hosts

Instances | EC2 | us-east-2

EC2 Instance Connect | us-east-2

EC2 Instance Connect | us-east-2

EC2 Instance Connect | us-east-2

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us-east-2.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-2&connType=standard&instanceId=i-014948f2bac8a3c3d&osUser=ubuntu&sshPort=22#/

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59 updates can be applied immediately.
33 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See <https://ubuntu.com/esm> or run: sudo pro status

Last login: Thu Sep 5 14:05:16 2024 from 3.16.146.4
ubuntu@ip-172-31-40-34:~\$ pwd
/home/ubuntu
ubuntu@ip-172-31-40-34:~\$ cd /tmp
ubuntu@ip-172-31-40-34:/tmp\$ ls -l
total 16
drwx----- 3 root root 4096 Sep 6 05:13 snap-private-tmp
drwx----- 3 root root 4096 Sep 6 05:13 systemd-private-78ef6e93368146cc97571c05964a6f1c-chrony.service-jFevrp
drwx----- 3 root root 4096 Sep 6 05:13 systemd-private-78ef6e93368146cc97571c05964a6f1c-systemd-logind.service-e22jh2
drwx----- 3 root root 4096 Sep 6 05:13 systemd-private-78ef6e93368146cc97571c05964a6f1c-systemd-resolved.service-H0ztUN
ubuntu@ip-172-31-40-34:/tmp\$ ls
snap-private-tmp
systemd-private-78ef6e93368146cc97571c05964a6f1c-chrony.service-jFevrp
systemd-private-78ef6e93368146cc97571c05964a6f1c-systemd-logind.service-e22jh2
systemd-private-78ef6e93368146cc97571c05964a6f1c-systemd-resolved.service-H0ztUN
ubuntu@ip-172-31-40-34:/tmp\$

i-014948f2bac8a3c3d (Nagesha-Ansible-Slave-1)

PublicIPs: 3.20.234.53 PrivateIPs: 172.31.40.34

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Instances | EC2 | us-east-2

EC2 Instance Connect | us-east-2

EC2 Instance Connect | us-east-2

EC2 Instance Connect | us-east-2

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us-east-2.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-08c60b2325e38641a&osUser=ubuntu®ion=us-east-2&sshPort=22#/

aws Services Search [Alt+S]

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60 updates can be applied immediately.
33 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

1 additional security update can be applied with ESM Apps.
Learn more about enabling ESM Apps service at <https://ubuntu.com/esm>

Last login: Thu Sep 5 13:54:48 2024 from 3.16.146.4
ubuntu@ip-172-31-38-147:~\$ sudo nano script2.sh
ubuntu@ip-172-31-38-147:~\$ bash script2.sh
ubuntu@ip-172-31-38-147:~\$ ls
play1.yaml script2.sh
ubuntu@ip-172-31-38-147:~\$ cd /tmp
ubuntu@ip-172-31-38-147:/tmp\$ ls
1.txt
snap-private-tmp
systemd-private-e8015cod105a4bf6960e06b9b5769953-chrorny.service-RN5hy2
systemd-private-e8015cod105a4bf6960e06b9b5769953-systemd-logind.service-Ld10dQ
systemd-private-e8015cod105a4bf6960e06b9b5769953-systemd-resolved.service-RarYmG
ubuntu@ip-172-31-38-147:/tmp\$ pwd
/tmp
ubuntu@ip-172-31-38-147:/tmp\$

i-08c60b2325e38641a (Nagesha-Ansible-Master)
PublicIPs: 3.134.115.102 PrivateIPs: 172.31.38.147

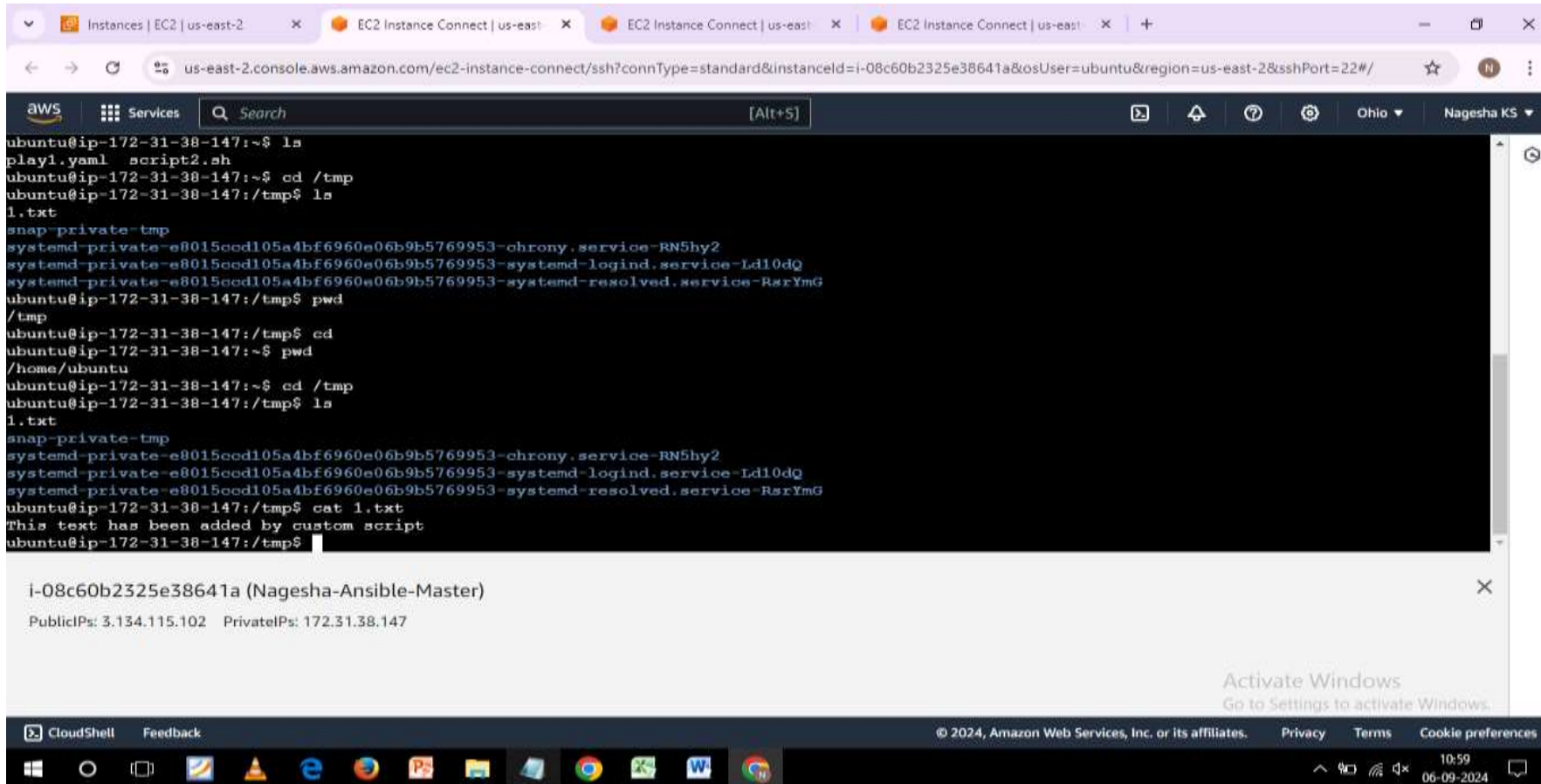
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06-09-2024



Instances | EC2 | us-east-2

EC2 Instance Connect | us-east-2

EC2 Instance Connect | us-east-2

EC2 Instance Connect | us-east-2

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us-east-2.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-08c60b2325e38641a&osUser=ubuntu®ion=us-east-2&sshPort=22#/

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```
ubuntu@ip-172-31-38-147:~$ pwd
/home/ubuntu
ubuntu@ip-172-31-38-147:~$ cd /tmp
ubuntu@ip-172-31-38-147:/tmp$ mv play2.yaml /homt/ubuntu
mv: cannot move 'play2.yaml' to '/homt/ubuntu': No such file or directory
ubuntu@ip-172-31-38-147:/tmp$ mv play2.yaml /home/ubuntu
mv: cannot move 'play2.yaml' to '/home/ubuntu/play2.yaml': Operation not permitted
ubuntu@ip-172-31-38-147:/tmp$ rm play2.yaml
rm: remove write-protected regular file 'play2.yaml'? y
rm: cannot remove 'play2.yaml': Operation not permitted
ubuntu@ip-172-31-38-147:/tmp$ ls
1.txt          systemd-private-e8015ccd105a4bf6960e06b9b5769953-chrond.service-RN5hy2
play2.yaml     systemd-private-e8015ccd105a4bf6960e06b9b5769953-systemd-logind.service-Ld10dQ
snap-private-tmp systemd-private-e8015ccd105a4bf6960e06b9b5769953-systemd-resolved.service-RarYmG
ubuntu@ip-172-31-38-147:/tmp$ rm play2.yaml
rm: remove write-protected regular file 'play2.yaml'? y
rm: cannot remove 'play2.yaml': Operation not permitted
ubuntu@ip-172-31-38-147:/tmp$ cd
ubuntu@ip-172-31-38-147:~$ sudo nano play2.yaml
ubuntu@ip-172-31-38-147:~$ sudo nano play2.yaml
ubuntu@ip-172-31-38-147:~$ ansible-playbook play2.yaml --syntax-check

playbook: play2.yaml
ubuntu@ip-172-31-38-147:~$
```

i-08c60b2325e38641a (Nagesha-Ansible-Master)

PublicIPs: 3.134.115.102 PrivateIPs: 172.31.38.147

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Ansible commands

run a script on both slaves using ansible playbook

go to slave1 ec2 server

cd /tmp

ls

goto master ec2 server

sudo nano script2.sh

echo "This text has been added by custom script" > /tmp/1.txt

bash script2.sh

it will create in master; but to create it in slaves 1 and 2, we need to write Ansible playbook

cd /tmp

ls

cd

bash script2.sh

cd /tmp

ls

cat 1.txt

sudo nano play2.yaml

== name: executing script using playbook

hosts: all

become: true

tasks:

- name: running script

script: script2.sh

ansible-playbook play2.yaml --syntax-check

ansible-playbook play2.yaml --check

ansible-playbook play2.yaml