Done By Nila
13/04/2023

Output after TF Apply

```
aws_instance.zone3_vm1_instance: Creation complete after 41s [id=i-09ac1d6e079021627]

Apply complete! Resources: 10 added, 1 changed, 0 destroyed.

Outputs:

bastion-host-public-ip = "3.236.158.228"
zone1_vm1_instance_vm_instance-ip = "10.2.3.176"
zone2_vm1_instance_vm_instance-ip = "10.2.4.70"
zone2_vm3_instance_vm_instance-ip = "10.2.7.234"
voclabs:~/environment/workfolder/final_project/terraform (main) $
```
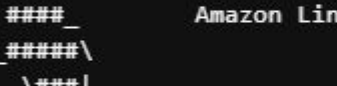
#SSH to Bastion

```
voclabs:~/environment/workfolder/final_project/terraform (main) $ chmod 400 group7_keypair
voclabs:~/environment/workfolder/final_project/terraform (main) $ ssh -i group7_keypair 3.236.158.228

A newer release of "Amazon Linux" is available.
  Version 2023.0.20230329:
Run "/usr/bin/dnf check-release-update" for full release and version update info

      ,       #_
    ~\_   ####_         Amazon Linux 2023
   ~~  \_#####\
   ~~     \###|
   ~~       \#/ ___    https://aws.amazon.com/linux/amazon-linux-2023
    ~~       V~' '->
     ~~~        /
       ~~._.   _/
          _/ _/
        _/m/'
[ec2-user@ip-10-2-1-203 ~]$
```

SSH from Bastion to "Group7-Webserver-Zone-1"

```
[ec2-user@ip-10-2-1-203 ~]$ nano private_keypair
[ec2-user@ip-10-2-1-203 ~]$ chmod 400 private_keypair
[ec2-user@ip-10-2-1-203 ~]$ ssh -i private_keypair 10.2.3.176
The authenticity of host '10.2.3.176 (10.2.3.176)' can't be established.
ED25519 key fingerprint is SHA256:/Uvk2iASC5jZsqXI0R3RQgWunKXZCLv+QbBkB44jLsE.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.2.3.176' (ED25519) to the list of known hosts.

     ,       #_
   ~\_  ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___    https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
       _/m/'
[ec2-user@ip-10-2-3-176 ~]$
```

SSH from Bastion to "Group7-Webserver-Zone-2"

```
[ec2-user@ip-10-2-1-203 ~]$ ssh -i private_keypair 10.2.4.70
The authenticity of host '10.2.4.70 (10.2.4.70)' can't be established.
ED25519 key fingerprint is SHA256:hqk01OBp/W4IlxGwsgH1fa2mg6zleod+m9xD9Nbyw8E.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.2.4.70' (ED25519) to the list of known hosts.

   ,       #_
   ~\_  ####_          Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___    https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
     ~~._.   _/
        _/ _/
      _/m/'
[ec2-user@ip-10-2-4-70 ~]$ 
```

SSH from Bastion to "Group7-Webserver-Zone-3"

Text