

Assessment Client – Assurity Consulting

Pre-requisites

Terraform v0.11.8 Installed in Local Server (<https://www.terraform.io/downloads.html>)
(Free)
Amazon Web Services – Account (Free)

Included Files

assessment.tf
motd

Instructions

- Deploy assessment.tf file in home directory
- Deploy motd file in .ssh directory (set permission 777)
- Generated Key Pair from AWS
- Generate rsa keys (I have used name Test01) and deploy in .ssh directory
- Download .pem file into .ssh directory in home directory (set permission 400)
- Include **aws access_key** & **secret_key values** and rsa **.pub key** & key pair **.pem** file location in assessment.tf file.

Run following command in the terminal from home directory

```
terraform plan & terraform init & terraform apply
```

Script Output

```
Apply complete! Resources: 1 added, 0 changed, 0 destroyed.  
Outputs:  
assessment_public_dns = ec2-3-0-90-223.ap-southeast-1.compute.amazonaws.com  
[1]- Exit 1          terraform plan  
[2]+ Done           terraform init
```

Results

1. Create t2.micro (Free Tire) EC2 Instance with Ubuntu 16.04 (instance name is assessment)
2. Disable password login (Set **PasswordAuthentication yes** to **no** in **/etc/ssh/sshd_config** file)
3. Set up firewall only to allow ingress on the ssh port

4. Will change motd file to display "Hello Assurity DevOps"

```
The authenticity of host '3.0.90.223 (3.0.90.223)' can't be established.  
ECDSA key fingerprint is SHA256:dS1NFRj/+7UjXr15rleXk+inNaW+T3i0lnotl9pdh3c.  
Are you sure you want to continue connecting (yes/no)? yes  
Warning: Permanently added '3.0.90.223' (ECDSA) to the list of known hosts.  
Last login: Wed Oct 17 17:53:00 2018 from 123.231.110.46
```

HELLO ASSURITY
DEVOPS