6/3/2021 readme.mo

```
1 ## How to Install Terraform in the windows
 3 (https://www.terraform.io/downloads.html)
 5
   ![image](./terraform-download-image.png)
 6
 7
  ### Once you install , Terraform
 9 1 .Then go to command prompt , check
10
  + terraform version
11
12
13 + Terraform v0.15.0
14
15 2.on darwin\_amd64
16
17 + provider registry.terraform.io/hashicorp/null v3.0.0
18
19 + Your version of Terraform is out of date! The latest version
20
21 3. Then Now try to configure AWS in CLI
22
23 + Aws configure
24
25 + Configure it with the help of Access and Secret Key
26
27 Once its done
28
29 + Then in our server try to create .tf files for
30
31 1.provider.tf
32
33 2.variables.tf
34
35 3.vpc.tf
36
37 4.cgw.tf
38
39 5.Vpn.tf
40
41 6.vpg.tf
42
43 ! [image](./terraform-files-image.png)
44
45 Then once you done
46
47 + Run Terraform init
48
49 ![<u>image</u>](./teraform-init-image.png) .
50
51 If no errors found then try to validate the syntax
52
53 + Terraform validate
54
55 ![image](./terraform-validate-image.png)
56
57 Then once you able to success , then try to apply terraform plan
58
59 + terraform plan
60
```

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```
61 | [image](./terraform-plan-image.png)
 63 Once you are done with Terraform plan then last have to run the script with the help
    of
 64
 65 + terraform apply
 66
 67 ![image](./terraofrom-apply-image.png)
 68
 69 + Then once you apply it will ask for confirmation by typing yes
 70
 71 ![image](./creating-image.png)
 72
 73 + Then in the above command prompt , you can see the vpc id and cgw id
 74
 75 So , now checking in aws
 76
 77 4.VPC created with same VPC id as shown below
 78
 79 ! [image](./vpc-image.png)
 80
 81 5.In the same way , customer way also created with the ID as shown below
 82
 83 ![image](./customer-image.png)
 84
 85 6. Then in the same way im able to see the creation og IGW , RTB , VGW
 86
 87 ! [image] (./creating-igw.png)
 88
 89 7. Internet gateway
 90
 91 ! [image](./igw-image.png)
 92
 93 8. Route tables
 94
 95 ! [image](./route-table-image.png)
96
 97 ! [image](./vpn-image.png)
98
99 9. Virtual private gateway
100
101 ! [image](./vpg-image.png)
102
103 10.Now vpn also created
104
105 11.At last subnets also created
106
107 ! [image](./subnet-creation-image.png)
108
109 ! [image](./subnet-image.png)
```