How to Install Terraform in the windows

(https://www.terraform.io/downloads.html)

![image](./terraform-download-image.png)

Once you install , Terraform

1 .Then go to command prompt , check

+ terraform version

+ Terraform v0.15.0

2.on darwin_amd64

+ provider registry.terraform.io/hashicorp/null v3.0.0

+ Your version of Terraform is out of date! The latest version

3.Then Now try to configure AWS in CLI

+ Aws configure

+ Configure it with the help of Access and Secret Key

Once its done

+ Then in our server try to create .tf files for

1.provider.tf

2.variables.tf

3.vpc.tf

4.cgw.tf

5.Vpn.tf

6.vpg.tf

![image](./terraform-files-image.png)

Then once you done

+ Run Terraform init

![image](./teraform-init-image.png) .

If no errors found then try to validate the syntax

+ Terraform validate

![image](./terraform-validate-image.png)

Then once you able to success , then try to apply terraform plan

+ terraform plan

61 ![image](./terraform-plan-image.png)

62

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)