

Terraform Deployment Steps

inside.Docupedia Export

Shanmugapriya Manickaraj (RBEI/BSF6) 17-Jul-2019 12:27 Author:

Date:

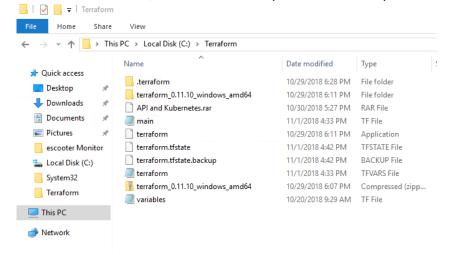
Terraform Deployment Steps 2 of 5

Table of Contents

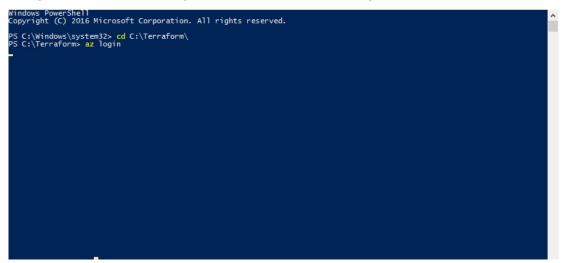
Terraform Deployment Steps 3 of 5

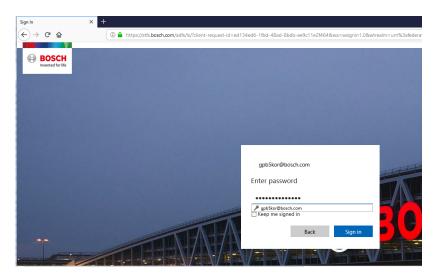
 Download the Terraform exe file from the below link https://releases.hashicorp.com/terraform/0.11.11/terraform_0.11.11_windows_amd64.zip

2. Create a folder in C:\Terraform and unzip the terraform zip folder.



- 3. Copy the Terraform files "main.tf", "terraform.tfvars" and "variables.tf" into C:\Terraform folder
- 4. Open the Powershell and navigate to the folder C:\Terraform
- 5. Login into azure portal using username and password using the powershell command "az login"





6. After login you will get list of subscription

Terraform Deployment Steps 4 of 5

7. Choose the subscription which you want to use

```
PS C:\Terraform> az account set --subscription "Od3a3a2b-2635-4743-84b7-aaa5e69fe5ba"
PS C:\Terraform> _
```

8 Type the command "./Terraform refresh" The command is used to reconcile the state Terraform knows about (via its state file) with the real-world infrastructure. This can be used to detect any drift from the last-known state, and to update the state file.

```
PS C:\Terraform> .\terraform.exe refresh
Empty or non-existent state file.

Refresh will do nothing. Refresh does not error or return an erroneous
exit status because many automation scripts use refresh, plan, then apply
and may not have a state file yet for the first run.
```

9. Then Type the command "./Terraform plan" The command is used to create an execution plan. Terraform performs a refresh, unless explicitly disabled, and then determines what actions are necessary to achieve the desired state specified in the configuration files.

Terraform Deployment Steps 5 of 5

- 10. Then type the command "./Terraform apply". The command is used to apply the changes required to reach the desired state of the configuration, or the pre-determined set of actions generated by a Terraform plan exceution plan
- 11. The source code is found below SharePoint link.

10.