TERRAFORM COMMANDS

CLI COMMANDS:

1. terraform init : Initializes a new or existing Terraform configuration, setting up. backend and download required plugins and preparing working directory.
2. terraform init -get-plugins=false : Initialize without downloading plugins.
3. terraform init -verify-plugins=false : Initialize without verifying the plugins.
4. terraform fmt : Format the code as per HCL standard.
5. terraform validate : Validate the syntax.
6. terraform validate -backend=false : Validate the syntax and skip the backend.
7. terraform plan : Preview the changes and show the execution plan to make infrastructure.
8. terraform plan -out plan.out : Outputs the plan to the document file.
9. terraform plan -destroy : Outputs the destroy plan to the document file.
10. terraform apply : Execute the changes specified in the plan.
11. terraform apply –auto-approve : Apply the changes without prompting to provide YES.
12. terraform destroy –auto-approve : Destroy the changes without prompting to provide YES.
13. terraform apply plan.out : Use plan.out to make apply the change.

14. terraform apply -target=aws_instance.my_ec2 : Apply changes of only this resource.
15. terraform apply -var my_region_variable=us-east-1 : Apply to this region specified as runtime variable.
16. terraform apply -lock=true : Lock the statefile while applying the changes.
17. terraform apply refresh=false : Apply the infrastructure changes without refreshing the statefile.
18. terraform show : Displays the current state or plan details.
19. terraform state : Manage and inspects the terraform statefile.
20. terraform state pull >terraform.tfstate : Download the statefile and output to file.
21. terraform state list : Displays the list of all terraform statefiles.
22. terraform state rm aws_instance.my_ec2 : Delete the specified resource from the state file.
23. terraform providers : Get information about all the supported providers.
24. terraform workspace new my_workspace : Create new workspace.
25. terraform workspace select my_workspace : Select the workspace.
26. terraform workspace list : Displays the list of all available workspaces.
27. terraform output -json : List of all outputs in the JSON format.
28. terraform output : Displays the output variables defined in configuration.

29. terraform version : Displays the version of terraform and gives Warning if outdated or needed to upgrade.
30. terraform get update=true : Downloads the required modules of terraform.
31. terraform graph | dot -Tpng >graph.png : Show all the dependencies and infrastructure model in Graph format.
32. terraform taint aws_instance.my_ec2 : Taint the specified resource and to recreate on next apply only.
33. terraform untaint aws_instance.my_ec2 : Remove the taint from the specified resource.
34. terraform login : Login to the Terraform Cloud.
35. terraform logout : Logout from the Terraform Cloud.