**Terraform Commands**

**Some Terraform Commands**

**terraform init**

The terraform init command is used to initialize a working directory containing Terraform configuration files. Initialization downloads and installs the provider's plugin so that it can later be executed.

**terraform plan**

The terraform plan command is used to create an execution plan. It will not modify things in infrastructure. This command is a convenient way to check whether the execution plan for a set of changes matches your expectations without making any changes to real resources or to the state.

**terraform apply**

The terraform apply command is used to apply the changes required to reach the desired state of the configuration. Terraform apply will also write data to the terraform.tfstate file.

**terraform refresh**

The terraform refresh command is used to reconcile the state Terraform knows about (via its state file) with the real-world infrastructure. This does not modify infrastructure but does modify the state file.

**terraform destroy**

The terraform destroy command is used to destroy the Terraform-managed infrastructure.

**terraform fmt**

The terraform fmt command is used to rewrite Terraform configuration files to a canonical format and style. For use-case, where the all configuration written by team members needs to have a proper style of code, terraform fmt can be used.

**terraform validate**

The terraform validate command validates the configuration files in a directory. Validate runs checks that verify whether a configuration is syntactically valid and thus primarily useful for general verification of reusable modules, including the correctness of attribute names and value types.

**terraform import**

Terraform is able to import existing infrastructure. This allows you to take resources that you've created by some other means and bring them under Terraform management.

**terraform output**

The terraform output command is used to extract the value of an output variable from the state file.

**terraform graph**

The terraform graph command is used to generate a visual representation of either a configuration or execution plan. The output is in the DOT format, which can be used by GraphViz to generate charts.

**terraform show**

The terraform show command is used to provide human-readable output from a state or plan file. This can be used to inspect a plan to ensure that the planned operations are expected, or to inspect the current state as Terraform sees it.

**terraform state list**

The terraform state list command is used to list resources within a Terraform state.

**terraform taint**

The terraform taint command manually marks a Terraform-managed resource as tainted, forcing it to be destroyed and recreated on the next apply.

**terraform console**

The terraform console command provides an interactive console for evaluating expressions.