

Terraform Cheatsheet

Setup & Configuration

terraform init

Initialize a Terraform working directory, downloads providers and modules

terraform fmt

Reformat your configuration files to a canonical format and style

terraform validate

Validate the configuration files for syntax and internal consistency

Planning and Applying Changes

terraform plan

Show changes required by the current configuration

terraform apply

Apply the changes required to reach the desired state

terraform apply -auto-approve

Apply changes without interactive approval

terraform plan -out=planfile

Save the plan to a file for later execution

State Management

terraform state list

List resources in the state

terraform state show [resource]

Show details of a specific resource in the state

terraform state mv [source] [destination]

Move an item in the state

terraform state rm [address]

Remove an item from the state

terraform state pull

Output current state to stdout

terraform state push [path]

Update state from file

Workspace Management

terraform workspace list

List workspaces

terraform workspace select [name]

Select a workspace

terraform workspace new [name]

Create a new workspace

terraform workspace delete [name]

Delete a workspace

terraform workspace show

Show the name of the current workspace

Resource Management

terraform import [address] [ID]

Import existing infrastructure into Terraform

terraform destroy

Destroy all remote objects managed by a configuration

terraform taint [address]

Mark a resource instance as not fully functional

terraform untaint [address]

Remove the 'tainted' state from a resource instance

Module Management

terraform get

Download and update modules mentioned in the root module

terraform init -upgrade

Update all modules and providers

Output and Resource Inspection

terraform output

Show all outputs in the state file

terraform output [name]

Show a specific output from the state file

terraform graph

Generate a visual representation of dependencies

terraform show

Show the current state or a saved plan

terraform console

Interactive console for evaluating expressions