

[Skip to main content](#)

## Terraform Cloud / Remote Authentication

Command	Description
terraform login	Log in to Terraform Cloud
terraform login <hostname>	Log in to a different host
terraform logout	Log out of Terraform Cloud
terraform logout <hostname>	Log out of a different host

## Managing workspaces

Command	Description
terraform workspace list	List all existing workspaces
terraform workspace show	Show the name of the current workspace
terraform workspace select <name>	Select a different workspace
terraform workspace new <name>	Create a new workspace
terraform workspace delete <name>	Delete an existing workspace

## Other commands

Command	Description
terraform providers	Show the providers required for this configuration
terraform force-unlock <lock-id>	Release a stuck lock
terraform console	Try Terraform expressions at an interactive prompt
terraform graph   dot -Tpng > graph.png	Generate a visual graph of Terraform resources
terraform version	Show the current Terraform version
terraform -help	Show help output for Terraform
terraform -help <command>	Show help output for a specific Terraform command

## Referencing Named Values

Syntax	Description
<RESOURCE_TYPE>.<NAME>	Reference to a managed resource
var.<NAME>	Reference to an input variable
local.<NAME>	Reference to a local value
module.<MODULE NAME>	Reference to a child module
data.<DATA TYPE>.<NAME>	Reference to a data source

## Conditional Expressions

Syntax	Description
condition ? true : false	If condition is true, return true, otherwise return false

## Splat Expressions

Syntax	Description
<RESOURCE_TYPE>.<NAME>[*].<ATTRIBUTE>	Return a list of values for the given attribute of all instances of a resource

## Resource Meta-Arguments

Argument	Description
depends_on	Explicitly specify resource dependencies
count	Create multiple instances of a resource
for_each	Create an instance of a resource for each element in a map or set
provider	Specify a provider configuration block to use for this resource
lifecycle	Configure the behavior of a resource over its lifetime

## Lifecycle Meta-Argument Attributes

Argument	Description
create_before_destroy	Create the new resource before destroying the old one
prevent_destroy	Prevent Terraform from destroying the resource
ignore_changes	Ignore changes to specific resource attributes