



Terraform



Terraform is an **IaC** tool that can define & provide Infrastructure config. language using a declarative configuration language known as HashiCorp Configuration Language, or optionally JSON.

▼ Terraform cmds

- `terraform init` : Setup a new terraform project for this file.
- `terraform validate` : checking for errors.
- `terraform apply` : Setup the infrastructure as it's defined in the .tf file.
- `terraform apply --auto-approve` : approving "yes" at the time of applying.
- `terraform destroy` : Tear down everything that terraform created.
- `terraform state list` : Show everything that was created by terraform.
- `terraform state show aws_instance.web_instance` : Show the details about the ec2 instance that was deployed.

▼ Other commands

- `terraform show`
- `terraform state`
- `terraform state list`
- `terraform refresh`

▼ Reference links

- <https://letslearndevops.com/2018/08/23/terraform-get-latest-centos-ami/>
- <https://www.terraform.io/language/data-sources>

- <https://registry.terraform.io/modules/terraform-aws-modules/s3-bucket/aws/latest>