

Monitoring & Alerting Checklist

Terraform CLI Cheat Sheet

Essential commands for working with Terraform across environments.

Initialisation & Setup

- terraform init Initialise directory
- terraform fmt Format files
- terraform validate Check syntax

Working with Plans

- terraform plan Preview changes
- terraform plan -out=tfplan Save plan
- terraform show tfplan View saved plan

Applying & Destroying

- terraform apply Apply changes
- terraform apply tfplan Apply plan
- terraform destroy Remove infrastructure

Variables

- terraform apply -var="key=value" Pass var inline
- terraform plan -var-file="vars.tfvars" Load vars from file

Outputs & State

- terraform output View output values
- terraform state list List state
- terraform state show <resource> Show details

Modules

- Store modules in ./modules/

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- Use source = "../modules/name" to reference

Providers

- Declare providers in blocks
- Use required_providers to pin versions

Workspaces

- terraform workspace list View
- terraform workspace new dev Create
- terraform workspace select dev Switch

Debugging

- TF_LOG=DEBUG terraform apply Enable logs
- terraform refresh Update state from real infra

Clean Up

- .terraform/ Remove to reset local config
- terraform state rm <resource> Remove resource from state

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