THINKPORT

CHEATSHEET

Terraform

Plan, Deploy & Cleanup

```
$ terraform apply --auto-approve
```

- apply changes without being prompted to enter 'yes'

```
$ terraform destroy --auto-approve
```

- destroy/cleanup deployment without being prompted for 'yes'

```
$ terraform plan -destroy
```

- outputs a destroy plan

```
$ terraform apply plan.out
```

- use the plan.out plan file to deploy infrastructure

```
$ terraform plan -out plan.out
```

- output the deployment plan to plan.out

```
$ terraform plan -destroy
```

- outputs a destroy plan

```
$ terraform apply -lock=true
```

- lock the state file so it can't be modified by any Terraform apply or modification

```
$ terraform apply refresh=false
```

- do not reconcile state file with real-world resources

```
$ terraform apply refresh
```

- reconcile the state in Terraform state file

Import & Outputs

```
$ terraform output instance_public_ip
```

- list a specific declared output

```
$ terraform import
```

- imports resources into state

```
$ terraform output
```

- list all outputs from the code

State Manipulation

```
$ terraform state show aws_instance.my_ec2
```

- show details stored in Terraform state for the resource

```
$ terraform state pull > teraform.tfstate
```

- download and output a Terraform state to a file

```
$ terraform state rm aws_instance.myinstace
```

- unmanage a resource, delete it from Terraform state file

```
$ terraform state rm list
```

- list all resources tracked in the current state file

Workspace

```
$ terraform workspace new myworkspace
```

- create new workspace

```
$ terraform workspace list
```

- list all workspaces

Miscellaneous Commands

```
$ terraform get -update=true
```

- Update modules in 'root' module

```
$ terraform version
```

- display Terraform binary version

Quick Tip

```
$ terraform -install-autocomplete
```

- setup tab auto-completion, requires logging back in