

Hands-on Infrastructure Automation with Terraform on AWS

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Managing multiple environments

Section 6

Exploring Terraform workspaces

Workspaces

- Used to isolate deployment contexts from each other and limit the blast radius of any changes
- Added in Terraform 0.9 and initially called “environments”
- Renamed to “workspaces” in 0.10
- Supported by several backends (S3, Consul, Local, AzureRM, GCP, Manta)
- Users can create named workspaces, which allow **multiple** states to be associated with a **single** configuration

Multiple states within a single
configuration

Components of workspace

- Terraform configuration (*.tf files)
- Values for all variables of this configuration
- State to keep track of all operations

terraform workspace

terraform workspace - container command for additional subcommands

```
terraform workspace new <name>
```

```
terraform workspace list
```

```
terraform workspace select <name>
```

```
terraform workspace delete <name>
```

If in doubt, check which
workspace you're on

Storing environment configuration

Next video