Migrating to Terraform Cloud



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Overview



Migration process

Common concerns

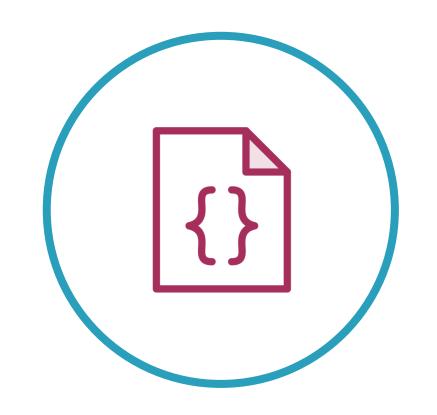
Globomantics scenario



Current State

```
backend.tf

terraform {
  backend "s3" {
    ...
  }
}
```

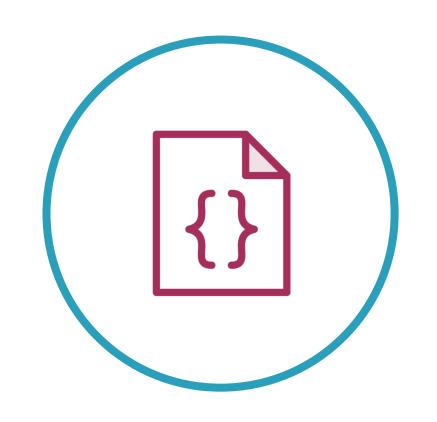




Migrated State

```
backend.tf

terraform {
  cloud {
    ...
  }
}
```





Migrated State

```
backend.tf

terraform {
  cloud {
    ...
  }
}
```





Migration Steps

Update backend configuration to use Terraform Cloud

Run terraform init to migrate state

Configure workspace(s) with proper variable values

Validate with a speculative plan



Common Concerns

Am I locked into Terraform Cloud?

Does it matter where my state data is?

Will all my workspaces migrate?

Which workflow should I select?

Can I keep using my CI/CD pipeline?



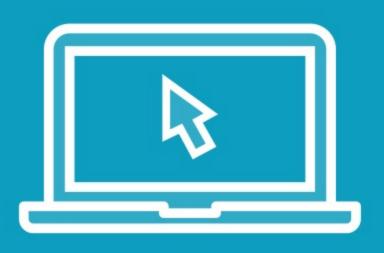
Current Space Coyote deployment

- Using Terraform OSS with default workspace
- Code and state stored locally
- Deployment through the CLI

Space Coyote migration planning

- Migrate state data to Terraform Cloud
- Use CLI workflow for now
- Write permissions for Space Coyote team
- Hook into Diamond Dogs application

Demo



Deploy Space Coyote development environment

Migrate deployment to Terraform Cloud

Configure workspace and team access

Validate migration with planning run

Add data source and run trigger

Summary



Migrating to Terraform Cloud is simple
Plan migration and train teams
Select the proper workflow
Link workspace data and runs



Up Next: Using the Private Registry

