

# 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

- 1 **Update backend configuration to use Terraform Cloud**
- 2 **Run terraform init to migrate state**
- 3 **Configure workspace(s) with proper variable values**
- 4 **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

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