Using the Private Registry

Ned Bellavance

HashiCorp Ambassador

@ned1313 nedinthecloud.com

Overview

Private registry overview

Using the private registry

Globomantics scenario

Private Registry

- One registry per organization

- Restricted to organization members
  - Terraform Enterprise can share modules

- Supports versioning and search

- Public providers and modules

- Private modules

- Restrict usage with Sentinel

- Design configuration

Private Registry Benefits

Managed service

Centralized location

Versioning of modules
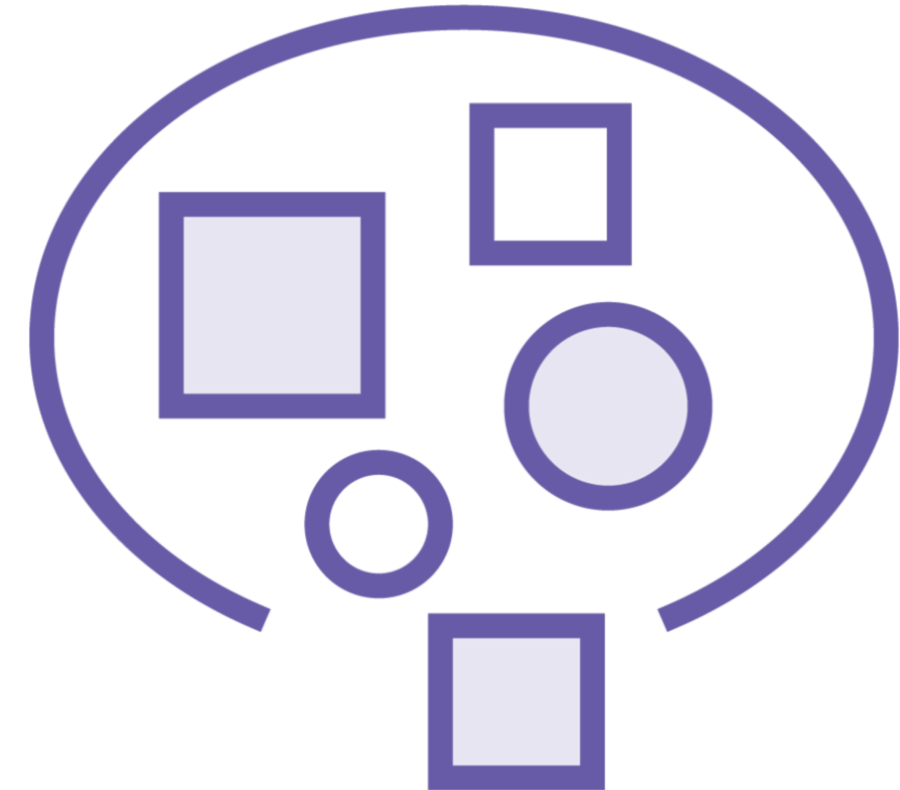
Restricted access

Using the Private Registry
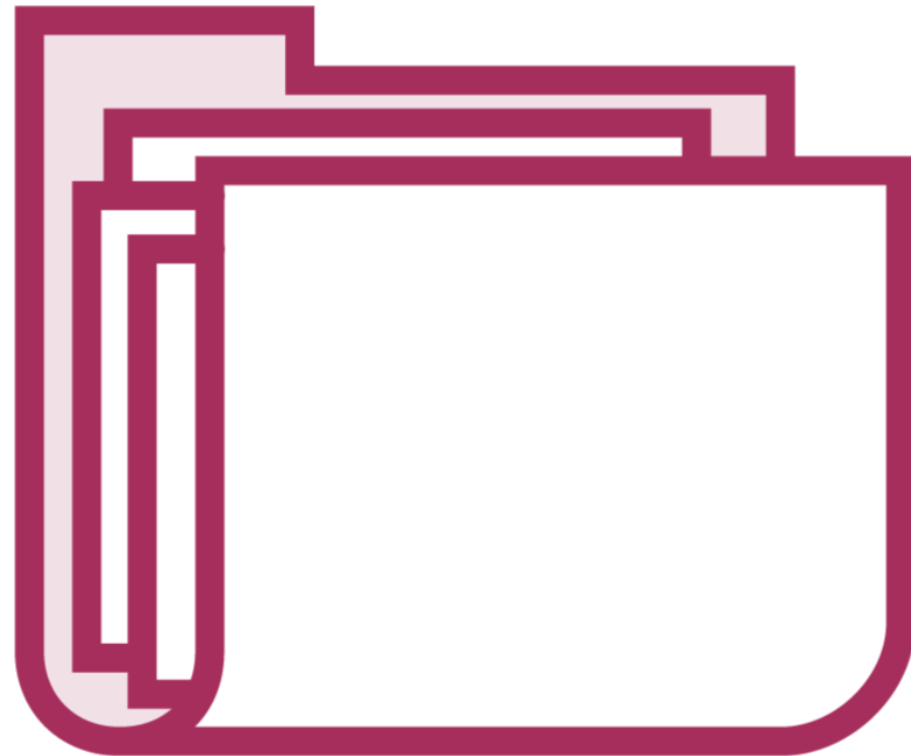
Adding Public Providers and Modules
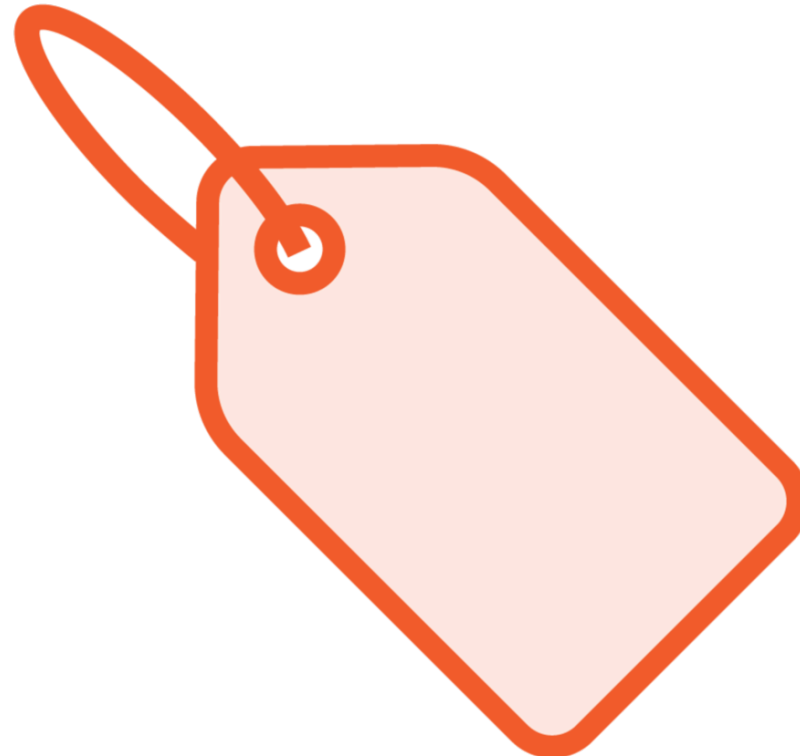

Search for module or provider

Add to private registry

Adding Private Modules

terraform-provider-resource

Release tag

v1.0.0

Add to private registry

Using Private Modules

Source address changes

public-module.tf

```
module "name_label" {

  source = "repo-name/
    resource_type/provider/"

  version = "3.1.4"

  ...

}
```

private-module.tf

```
module "name_label" {

  source = "app.terraform.io/
    org-name/resource_type/provider"

  version = "3.1.4"

  ...

}
```
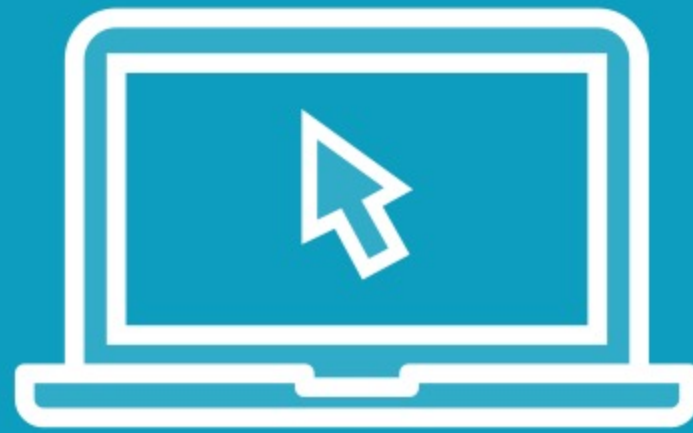
Add common providers to registry

Add public S3 bucket module

Add Space Coyote's networking module

Demo

- Add AWS provider and S3 bucket module
- Move networking module to registry
- Update Space Coyote configuration

Summary

Private registry only accessible by organization

Stores providers and modules

Supports search and versioning

Restrict use with Sentinel

Course Summary

Managed service hosted by HashiCorp

Composed of users, organizations, and workspaces

Enables collaboration and automation

Apply policy as code with Sentinel

Host modules and providers with private registry

Next Steps

Terraform courses on Pluralsight

Learn site on HashiCorp

HashiCorp Vault or Packer

Terraform Tuesdays

Go Build Something Great!

@ned1313