

HashiCorp Terraform Enterprise

Cloud Infrastructure Automation



Benefits

- Eliminate manual infrastructure provisioning
- Collaborative Infrastructure as code increases productivity of teams
- Advanced Security, Compliance, and Governance for users and data.
- Simplified Infrastructure organization
- Increased developer agility through self-service
- Visibility for critical provisioning operations
- Easily share information between workspaces with root-level outputs

Product overview

The adoption of Cloud means organizations shift away from static infrastructure to now provisioning and managing dynamic infrastructure. The effect of these changes means IT teams will need to adjust their approach to each of the four layers of infrastructure. Terraform provides infrastructure automation with infrastructure as code for provisioning, compliance, and management of infrastructure. Infrastructure as code allows operators to provision and manage infrastructure the same way application developers build applications: codify, validate, test, and deploy into production to reduce human error, failed builds, and increase productivity.

Product features

Collaborative infrastructure as code to:

- Manage Remote States and Workspaces
- Connect to Version Control Systems (VCS)
- Secure Storage of Variables across Workspaces

Access Control and Governance

- Assign Team-Based Permissions to follow principle of least privilege
- Sentinel policy-as-code framework to define and enforce granular infrastructure provisions.
- Configure support for SAML 2.0 single sign-on (SSO) for identity and user management.

Self-service infrastructure

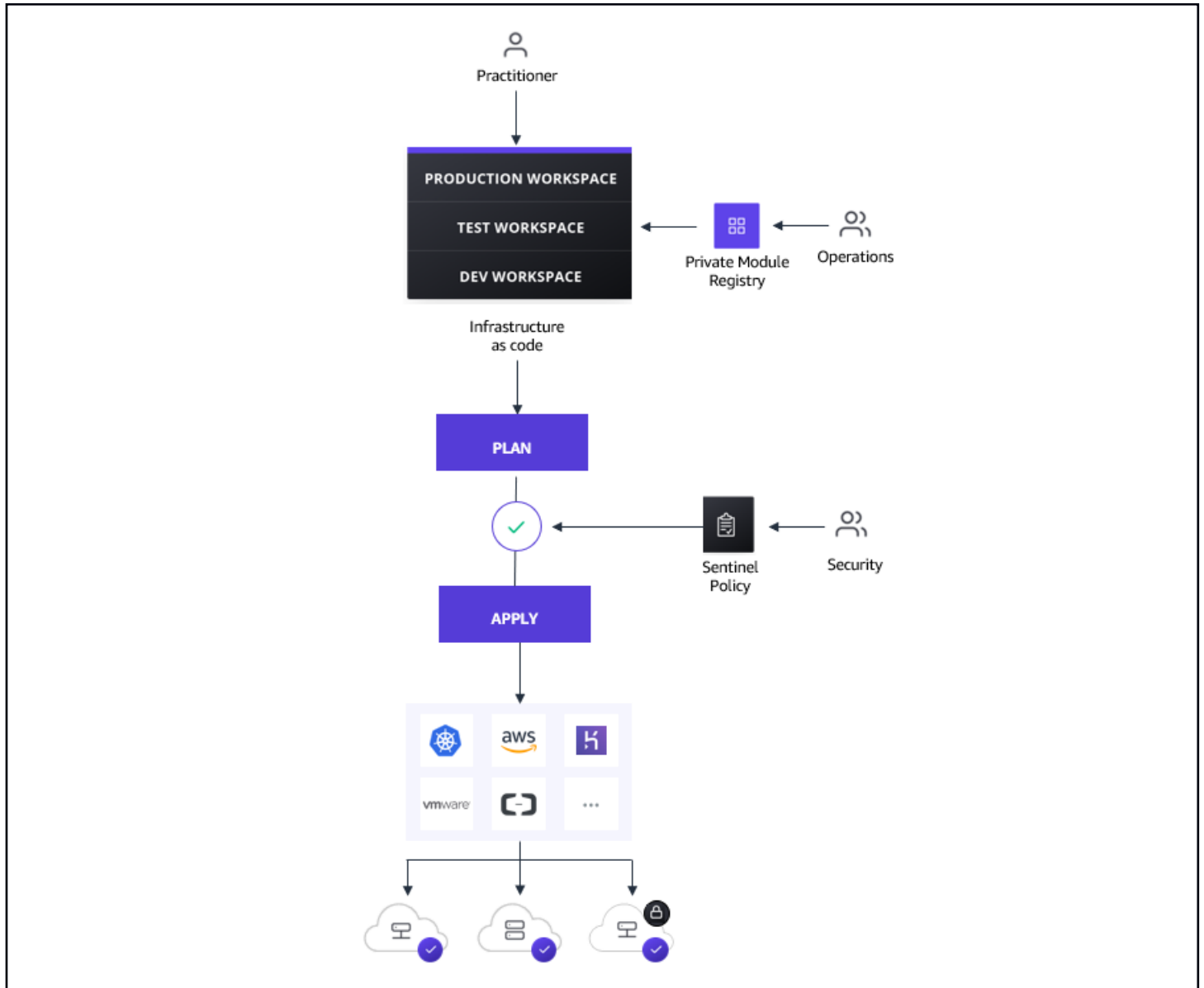
- Configuration Designer allows operators to serve more infrastructure request with predefined modules.
- ServiceNow Integration lets users order Service Items, create workspaces, and perform Terraform runs.

Support

- Response and resolution times based on Bronze / Silver / Gold SLA levels.
- Gold level support response times as soon as 1 hour for urgent issues

How it works

Configuration files describe to Terraform the components needed to run a single application or your entire datacenter. Terraform generates an execution plan describing what it will do to reach the desired state, and then executes it to build the described infrastructure. As the configuration changes, Terraform can determine what changed and create incremental execution plans which can be applied. Infrastructure is described using a high-level configuration syntax. This allows a blueprint of your datacenter to be versioned and treated as you would any other code. Additionally, infrastructure can be shared and re-used.



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