HashiCorp

PROFESSIONAL SERVICES

Deployment Module Development Lifecycle

Stage 0: Onboarding →	Stage 1: Adopting →	Stage 2: Standardizing →	Stage 3: Scaling →
	Base Image Lifecycle Framework		
	Infrastructure Deployment Framework		
		Infrastructure Policy & Controls	
	Deployment Module Development Lifecycle		
	Service Orchestration Framework		
	Service Routing Framework		

Service Scope

Create a full lifecycle process that covers development, production, deployment, and consumption of Terraform IaC modules.

Service Summary

· Enable the customer to reduce risk and speed up delivery by introducing and developing a repeatable framework for module delivery.

· Assists customers in creating a lifecycle process for the development, production, deployment and consumption of Terraform Infrastructure as Code (IaC) modules.

Key Benefits

· Builds a process to allow users to contribute custom Terraform modules to a Terraform Enterprise registry, allowing the business to adapt to their custom needs and requirements.

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PHASE 1
Prerequisites

- Identify current user(s) and/or operator(s) for Academy training
- Current user(s) and/or operator(s) attend Academy
- Schedule Technical Planning Session (TPS) after completion of Academy

- HCP Terraform or Terraform Enterprise organization deployed and configured
- VCS integration and workflow enabled
- TPS execution

PHASE 2
Discovery

- Identify stakeholders
- Set the stage with Cloud Operating Model (COM)
- Document current and/or desired state
- Document usage patterns

- Project Delivery Document: Pre-Implementation Plan
- Architecture Design
- Scope build out
- Customer concurrence

PHASE 3
Delivery

- Knowledge share and review VCS repository layout and structure for Terraform code
- Knowledge share and review of new and supporting Terraform product and language features
- Knowledge share and review private module repository configuration and operations

- Knowledge share and enablement of module creation, publishing and consumption patterns
- Enablement of framework development pattern

PHASE 4
Close

- Executive readout
- Feedback
- Recommendations
- Adoption roadmap

- Training/education roadmap
- Project Delivery Document: Post Implementation
- Close-out