

Service Routing Framework



Stage 0: Onboarding → Stage 1: Adopting → Stage 2: Standardizing → Stage 3: Scaling →



Service Scope

Develop a process for integrating service mesh for routing services using HashiCorp Consul. This offering relies on the customer already having HCP Consul or Consul Enterprise deployed and ready for use.

Service Summary

- Enable customer implementation of HashiCorp Consul Enterprise's service mesh within their platform service routing framework.
- Provide a pattern aligned with HashiCorp Validated Designs and offered with consultative support to foster accelerated adoption.
- Bridge the gap between traditional networking and newly implemented service mesh through knowledge transfer and enablement.

Key Benefits

- Increase speed to adopting service mesh within a service routing framework.
- Provide a bridge between traditional networking and service mesh.
- Easier and consistent view for services on the network.
- Simpler and quicker to control access and enables services to be scheduled by orchestrators (e.g. Nomad or Kubernetes).

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 Consul or Consul Enterprise deployed and configured
- 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 service integration into mesh
- Review and configuration (if applicable) for ingress gateways and DNS integration
- Review and configuration of service egress paths
- Review connectivity between traditional networks and service mesh

PHASE 4

Close

- Executive readout
- Feedback
- Recommendations
- Adoption roadmap
- Training/education roadmap
- Project Delivery Document: Post Implementation
- Close-out

