

Tigera Customer Success

Securing Workloads Across Clusters

This workshop demonstrates how to use Calico's cluster federation capabilities to secure workloads across clusters and observe workload communication across clusters. Participants will receive hands-on training deploying the following use-cases,

1. Federated Endpoints - Deploy security policies across federated clusters
2. Federated Services - Kubernetes service discovery for federated clusters

Service Components:

- Instructor-led training
- Concept and hand-on lab modules
- Delivered in 2-3 hours

Curriculum:

- **Cluster Federation with Calico Cloud**
 - Federate two clusters using Calico Cloud
 - Review the service accounts, roles, role bindings, and cluster role bindings required for federation
- **Federated Endpoints**
 - Implement security policies for federated endpoints
 - Deploy consistent security policy model across multiple clusters
- **Federated Services**
 - Deploy microservices for a single application across multiple clusters
 - Configure federated service for the application
 - Leverage federated services during cluster failover
- **Observability for Federated Services**
 - Visualize workloads in Dynamic Service and Threat Graph for federated services
 - Review traffic flow logs for federated services
- **Implement Security Policies for Federated Services**
 - Use the Policy Recommender to generate security policies for federated services