

DO328 Building Resilient Microservices with Istio and Red Hat OpenShift Service Mesh

Course Content –

Introduce Red Hat OpenShift Service Mesh

Describe the basic concepts of microservice architecture and OpenShift Service Mesh.

Install Red Hat OpenShift Service Mesh

Deploy Red Hat OpenShift Service Mesh on Red Hat OpenShift Container Platform.

Observe a service mesh

Trace and visualize an OpenShift Service Mesh with Jaeger and Kiali.

Control service traffic

Manage and route traffic with OpenShift Service Mesh.

Release applications with service mesh

Release applications with canary and mirroring release strategies.

Test service resilience with chaos testing

Gauge the resiliency of Red Hat OpenShift Service Mesh with chaos testing.

Build resilient services

Use OpenShift Service Mesh strategies to create resilient services.

Secure services with OpenShift Service Mesh

Secure and encrypt services in your application with Red Hat OpenShift Service Mesh.