

Developing Cloud Native Applications on OCI

1 : Cloud Native Fundamentals

- Introduction to Web Services
- More on Web Services
- Microservices
- Microservices Architecture

2 : Developing Cloud Native Applications

- API Gateway : Introduction to API Management
- API Gateway : Networking and Security Policies
- API Gateway : Creating an API
- API Gateway : Validating API Requests
- API Gateway : Authorizing Requests
- API Gateway : Using Context Variable
- API Gateway : Transforming API Requests and Responses
- API Gateway : Monitoring APIs
- Container Registry: Fundamentals Review
- Container Registry: OCIR Concepts: Images
- Container Registry: OCIR Concepts: Repositories
- Container Registry: Pushing and Pulling Images
- Container Registry: Image Management
- OKE: Introduction
- OKE: Create Clusters
- OKE: Manage Clusters
- OKE: Understanding and Using Autoscaling Features
- OKE: Cluster Access & Security
- Functions: Intro
- Functions: Service Overview
- Functions: Triggers
- Functions: Use Cases

- Functions: Concepts
- Streaming: Introduction
- Streaming: Features
- Streaming: Fundamentals
- Streaming: Use Cases
- Events: Fundamental Concepts
- Events: Event Messages and Event Types
- Events: Rule Actions
- Events: Working with Rules
- Events: Use Cases

3 : Securing Cloud Native Applications

- IAM
- AuthN
- AuthZ
- Common Policies
- Compartments
- Security Introduction
- Vault
- Vault Deep Dive
- Vault Secrets
- Web Application Firewall

4 : Automating Deployment

- DevOps Overview
- OCI DevOps Overview
- DevOps Components
- OCI DevOps CI/CD
- Environment

5: Testing Cloud Native Applications

- Testing Cloud Native Applications

6: Operating Cloud Native Applications

- Observability and Management Introduction
- Monitoring
- Logging
- Logging Analytics
- Operations Insight
- Application Performance Monitoring

7: What's New in OCI Developer

- Introduction to OCI Identity Domains
- Identity Domains: Console Changes
- API Gateway: OCI Certificates Integration
- API Gateway: Network Security Groups
- API Gateway: Mutual TLS Support
- API Gateway: Customize Trust Store
- OKE: Tagging Cluster Resources
- OKE: User-Managed Keys
- OKE: Custom cloud-init Scripts
- OKE: File Storage for PVCs
- OKE: Capacity Reservations
- OKE: Network Security Groups
- OCI DevOps Overview
- DevOps Components
- OCI DevOps CICD
- Environment