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Google Cloud Platform (GCP) Certification Training

Module 1: Course Overview

- Course Overview
- Course PreReqs

Module 2: DevOps Basics

- DevOps Fundamentals
- What is DevOps
- What are Pipelines
- Continuous Integration and Delivery
- Continuous Deployment
- Whiteboard Build Services
- Demo - DevOps Services on GCP

Module 3: App Engine PaaS

- App Engine
- App Engine Basics
- App Engine Demo
- App Engine Security Scanner Demo
- App Engine or Kubernetes Engine

Module 4: Kubernetes Engine Overview

- Kubernetes Engine
- Kubernetes Basics
- What is Kubernetes Engine
- Demo - Kubernetes Engine Clusters Demo
- Kubernetes Engine Application Demo
- Kubernetes Engine Whiteboard

Module 5: DevOps Developer Tools

- DevOps Services & Tools
- Demo - Cloud SDK
- Demo - Cloud Shell
- Demo - Cloud Build
- Demo - Container Registry
- Demo - Cloud Source Repositories
- Demo - Private Catalog
- Demo - Artifact Registry

Module 6: Microservices

Microservices

Demo - Cloud Watch

Cloud Functions-Cloud Run

Demo - Cloud Functions

Demo - Cloud Run

Module 7: Management of your DevOps Services

Management and Monitoring

Cloud Operations

Demo - Cloud Operations

Service Accounts

Cloud Endpoints and Apigee

Demo - Workflows and Cloud Tasks

Demo - Recommendation Engine

Infrastructure as Code (IaaS)

Deployment Manager

Demo - Deployment Manager

Demo - Cloud Marketplace

Module 8: Resources and Closeout

Resources and Closeout

Course Summary

DevOps Roles and Salary Demand

Additional Resources

Google Cloud Platform Certification

Course Closeout