Application Development with Cloud Run 1.0 Training

Duration: **3 Day**

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Overview

This course introduces the fundamentals, practices, capabilities, and tools for modern cloud-native application development using Google Cloud Run. Learners will gain practical experience in designing, implementing, deploying, securing, managing, and scaling applications on Google Cloud with Cloud Run.

Prerequisites

- Familiarity with Linux commands and command line interface
- Basic understanding of Google Cloud
- Basic understanding of networking
- Basic understanding of one or more programming languages like Go, Python, Java, Ruby, or Node.js
- Basic understanding of shell scripts, YAML, JSON, HTTP, and TLS

Target audience

- Cloud developers
- API developers
- Customers and partners

What You Will Learn

Delegates will learn how to:

- Gain detailed understanding of Cloud Run, Google Cloud's fully managed compute platform for deploying and scaling containerised applications quickly and securely
- Write and migrate code using preferred languages such as Go, Python, Java, Ruby, Node.js, and more
- Secure service-to-service communication based on service identities and grant applications only the permissions they need
- Build highly available applications with low end-user latency, globally
- Connect to, and persist data in, managed database offerings on Google Cloud
- Understand how abstracting away all infrastructure management creates a simple developer experience