COM@
Compuserve Pvt Ltd.

COMET CERTIFIED GOOGLE CLOUD

COURSE BROCHURE

Overview

This course teaches IT Professionals how to manage their GCP Resources, Stack Driver, create and manage virtual machines, implement storage solutions, configure virtual networking, backup and restore, Hybrid Network, CDN and Database.

Course Objective

In this course, you will learn to

- Manage Stack Driver.
- Configure and manage virtual networks.
- Configure and manage Hybrid networks.
- Deploy and manage virtual machines (VMs).
- Implement and manage storage.
- Configure and manage Backup Solution.
- Configure and manage CDN.
- Configure and manage Database.

Audience Profile

This course is for IT Professionals who need manage the cloud services that span storage, networking, and compute cloud capabilities, with a deep understanding of each service across the full IT lifecycle. They take end-user requests for new cloud applications and make recommendations on services to use for optimal performance and scale, as well as provision, size, monitor and adjust as appropriate.

Prerequisites

- Understanding of on-premises virtualization technologies, including: VMs, virtual networking, and virtual hard disks.
- Understanding of network configuration, including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls, and encryption technologies.
- Understanding of Active Directory concepts, including domains, forests, domain controllers.
- Understanding of resilience and disaster recovery, including backup and restore operations.

Introduction to Cloud Computing

- Why Cloud Computing
- Benefits of Cloud Computing

Types of Cloud Computing

- Public Cloud
- Private Cloud
- Hybrid Cloud
- Community Cloud

GCP

- Introduction
- GCP Products
- Cloud Resource Manager
- Resource Hierarchy
- Labels
- Quotas
- Billing

Stack Driver

- Stack Driver Monitoring Concepts
- Trace, Error Reporting and Debug Concepts

Virtual Networks

- VPC
- Subnets
- Firewall
- Shared VPC

Hybrid Networking

- Cloud VPN
- Site to Site
- Point to Site
- Google DNS

Virtual Machines

- Compute Engines
- App Engines
- Disks
- Images
- Snapshots
- Preemptible VM's

Storage

- Cloud Storage Concepts
- Object Versioning and Lifecycle Management
- Storage Transfer Service

Databases

- Managed Databases on Google Cloud
- Cloud SQL
- Load Balancing and Instance Groups
- Load Balancers
- Instance group and auto scaling

Google Cloud CDN

Backup and Recovery Concepts

- Disaster Recovery
- Backup and Recovery

Our Students Testimonials