Technical Guftgu

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Website: **www.technicalguftgu.in**

✓ Certificate provided
✓ Recordings Provided
✓ In Hindi/Urdu
✓ Expert Trainers

Google Cloud : Associate Cloud Engineer (GCP-ACE)

Pre- requisite – No pre requisite required

Course Contents:

Module 1: Virtual Machines
1. Google Cloud Platform (GCP) Infrastructure
2. Using GCP
   Lab: Console and Cloud Shell
   Demo:
   a. How to Create Windows Server using Console.
   b. How to create Linux Machine Using console.
   c. Create and Manage VM using Cloudshell.
   d. Modify Machine type and size of a running instance.
   e. How to extend Volume of the VM.
   f. Create image and launch a VM from it.
   g. Create snapshot and launch a VM from it.
   h. How to schedule Snapshot.
   i. Migrate VM from one Region to another region.
   j. Move VM From one Project to Another.

Module 2: Virtual Networks
1. Virtual Private Cloud (VPC), Projects, Networks, Subnetworks, IP addresses, Routes, Firewall rules
2. Subnetworks for resource management instead of physical network topology.
   Demo:
   a. Step to Create Firewall Rules.
   b. Create Auto and Custom Mode VPC Network using Console.
   c. Create a Custom Mode VPC Network using CLI.
   d. VPC to VPC Peering in a Same Region.
   e. VPC to VPC Peering among Different Regions.

Module 3: Cloud IAM
1. Organizations, Roles, Members, Service accounts, Cloud IAM best practices
   Demo:
   a. Create and Manage Service Account for Instance.
   b. Add IAM User and Assign role to the User.

Module 4: Data Storage Services
1. Cloud Storage
   Demo: Create and Manage Buckets and Objects.

2. Cloud SQL
   Demo: Cloud SQL
3. Cloud Spanner, Cloud Datastore
   Demo: Perform Simple Operations in Cloud Spanner.
4. Cloud Bigtable
   Demo: Create and Manage GCP Bigtable instance.

Module 5: Resource Management
1. Cloud Resource Manager, Quotas, Labels, Names, Billing
   Demo:
      a. Billing Administration.
      b. Examining Billing Data with Bigquery.

Module 6: Resource Monitoring
1. Stackdriver, Monitoring
2. Logging, Error Reporting, Tracing, Debugging

Module 7: Load Balancing & Autoscaling
1. Managed Instance Groups, HTTPS load balancing, Network load balancing.
2. Autoscaling, Policies, Configuration.
   Demo:
      a. Autoscaling & Load Balancer

Module 8: Infrastructure Automation with Deployment Manager
Deployment Manager, Configuration, Cloud Launcher
   Demo:
   Create Google Compute Engine VM Using Deployment Manager.

KEY HIGHLIGHTS OF THIS TRAINING PROGRAM:
   ✓ *Entire training programme is in Hindi Language for Better understanding.*
   ✓ *Special focus on Non technical and Fresher candidates.*
   ✓ *Resume Preparation for Fresher's and Experienced Both.*
   ✓ *Provides Recording of each live session which you can access from anywhere anytime for One year.*
   ✓ *Interview Cracking tips during live sessions.*
   ✓ *Provide complete notes and books for exam Preparation.*
   ✓ *Provide Latest GCP Exam dumps for GCP-ACE Certification.*

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