GCP Certification Full course in Hindi

Associate Cloud Engineer

DEVOPS MADE SIMPLE

Youtube channel link- Google Cloud Platform (GCP) Full Course 2025 - Hindi | Associate Cloud Engineer Certification - YouTube

Syllabus-

Google Cloud

Compute Engine

Persistent Disks

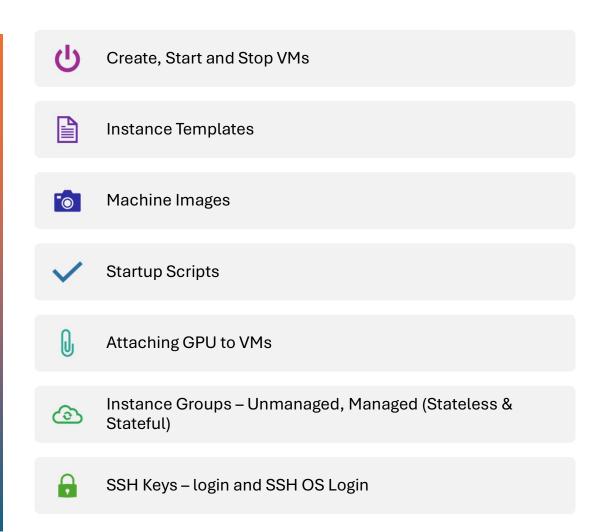IAM (Identity & Access Management)

VPC (Virtual Private Cloud)

Load Balancers

Cloud Run and Functions

GKE (Google Kubernetes Engine)

Monitoring and Logging

Compute Engine

- Create, Start and Stop VMs
- Instance Templates
- Machine Images
- Startup Scripts
- Attaching GPU to VMs
- Instance Groups – Unmanaged, Managed (Stateless & Stateful)
- SSH Keys – login and SSH OS Login

Persistent Disks

- Attaching Non-boot disk
- Resize disks
- Disk Images
- Disk Snapshots
- Using local SSDs for VMs
- Creating VMs from Disk Images or Disk Snapshots
- Encryption using KMS

Google Cloud

IAM (Identity & Access Management)

- IAM Roles – Basic, Pre-defined & Custom
- IAM Policy
- Service Accounts
- IAM Service Account Keys

VPC (Virtual Private Cloud)

- VPC – auto mode and custom mode
- Networking
- NAT (Network Address Translation)
- Domains
- Private Google Access
- VPC Firewall Rules –
  - Ingress, Egress and Policies

Google Cloud

Load Balancers

HTTP

HTTPS

TCP Proxy

SSL Proxy

Cloud Storage

Google Cloud

Basics	Storage classes	Object Lifecycle Management
Versioning	Security ACLs	Security UBLA

GKE (Google K8s Engine)

- Pods
- Deployments
- Replica Sets
- Stateful Sets
- Daemon Sets
- Services
  - Node port, Cluster IP, Ingress
- Cluster Management
- Auto- Scaling
  - Cluster Auto-scaler, Horizontal & Vertical Pod Auto-scaling
- Storage

Google Cloud