



Learn & Master **Google Cloud Platform.**

Classroom | Online | Corporate

WHY

School of Analytics

“As one of the INDIA's leading tech training and talent organisations, SOA helps individuals ranging from those at the start of their journey who want to learn Google Cloud Platform to seasoned professionals looking to develop and extend professional services competencies, with training to get the most of Google Cloud Platform.”



Learning Pathway .

01 Introduction to Google Cloud Platform

- Google Cloud Platform (GCP) Infrastructure
- Using GCP
- Lab: Console and Cloud Shell
- Demo: Projects
- Lab: Infrastructure Preview

02 Virtual Machines

- Compute Engine
- Lab: Creating Virtual Machines
- Compute options (vCPU and Memory)
- Images
- Common Compute Engine actions
- Lab: Working with Virtual Machines

03 Autoscaling

- Autoscaling, Policies, Configuration
- Lab: Autoscaling

04 Load Balancing

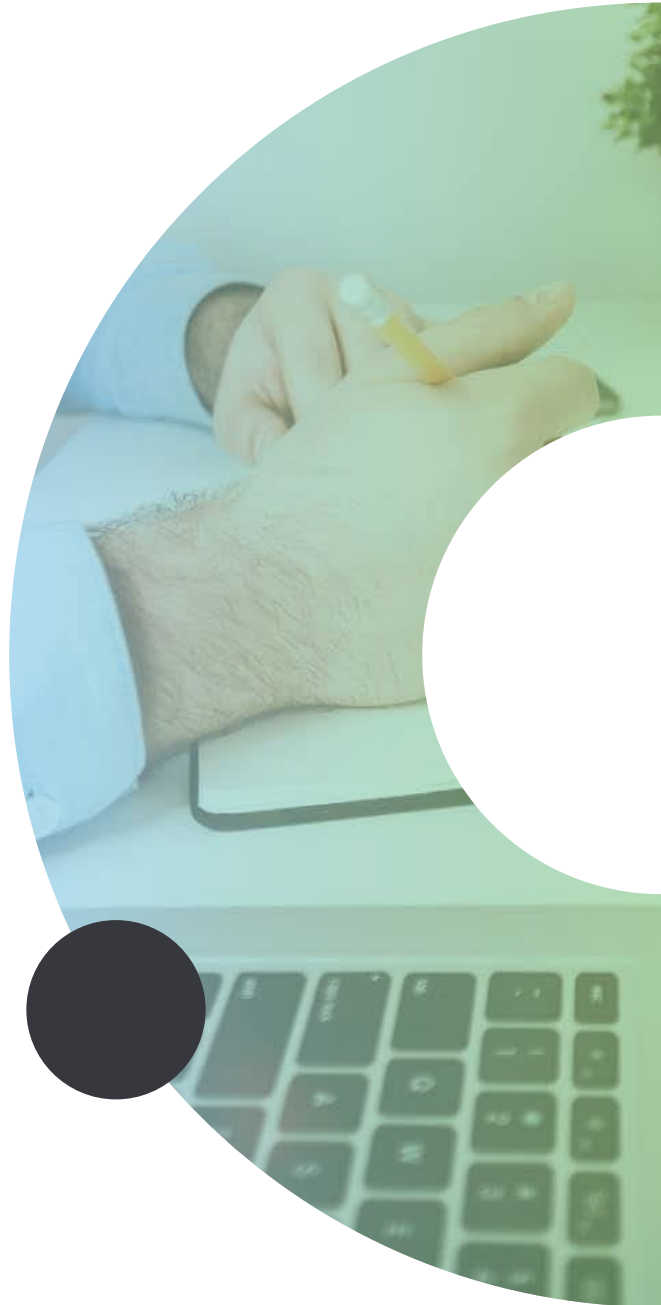
- Managed Instance Groups
- HTTPS load balancing
- Cross-region and content-based load balancing
- SSL proxy/TCP proxy load balancing
- Network load balancing
- Lab: VM Automation and Load Balancing

05 Virtual Networks

- Virtual Private Cloud (VPC),
- Projects, Networks
- Subnetworks
- IP addresses
- Routes
- Firewall rules
- Subnetworks for resource management instead of physical network topology
- Lab: Virtual Networking
- Lab: Bastion Host

06 Interconnecting Networks

- Cloud Virtual Private Network (VPN)
- Lab: Virtual Private Networks (VPN)
- Cloud Router, Cloud Interconnect, External Peering, Cloud DNS



07 Cloud IAM

- Organizations
- Roles
- Members
- Service Accounts
- Cloud IAM best practices
- Lab: Cloud IAM

08 Data Storage Services

- Cloud Storage
- Lab: Cloud Storage
- Cloud SQL
- Lab: Cloud SQL
- Cloud Spanner, Cloud Datastore
- Cloud Bigtable

09 Resource Management

- Cloud Resource Manager
- Quotas
- Labels
- Names
- Billing
- Demo: Billing Administration
- Lab: Examining Billing Data with BigQuery

10 Resource Monitoring

- Stackdriver
- Monitoring
- Lab: Resource Monitoring (Stackdriver)
- Logging
- Error Reporting
- Tracing, Debugging
- Lab: Error Reporting and Debugging (Stackdriver)

11 Infrastructure Automation with Google Cloud Platform APIs

- Infrastructure automation
- Images
- Metadata
- Scripts
- Google Cloud API
- Lab: Google Cloud Platform API Infrastructure Automation

12 Infrastructure Automation with Deployment Manager

- Deployment Manager
- Configuration
- Cloud Launcher
- Lab: Deployment Manager



Develop a passion for learning. If you do, you will never cease to grow.



Let us know how we can help you, or your
organisation with your learning or
talent requirements.

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