

The thirst for knowledge and the dream of professionalism are fulfilled with the real-time Google Cloud Course in Bangalore.

Besant Technologies Google Cloud Course Syllabus

Getting Started

- Creating a Compute Engine Project
- Enabling Billing
- Adding Team Members
- Compute Engine Resources
- Manage Compute Engine Resources

Instances

- Creating an Instance Using the Developers Console
- Accessing an Instance Using the Developers Console
- Deleting an Instance Using the Developers Console
- Creating an Instance Using gcloud
- Instance Attributes
- Accessing an Instance Using gcloud
- Deleting an Instance Using gcloud
- Creating an Instance Pro-grammatically
- Creating an Instance Using a Service Account
- Selecting an Access Mode
- Cleaning Up

Storage: Persistent Disk

- Compute Engine Storage Options at a Glance

- Persistent Disk
- Persistent Disk Performance
- Create a Persistent Disk Using Developers Console
- Create a Persistent Disk Using Gcloud
- Attaching/Detaching a PD to/from a Running VM
- Create a Persistent Disk Programmatically
- Persistent Disk Snapshots

Storage: Cloud Storage

- Understanding BLOB Storage
- Getting Started
- Introducing G-suit
- Using Cloud Storage from Your Code
- Configuring Access Control
- Understanding ACLs
- Using Default Object ACLs
- Understanding Object Immutability
- Understanding Strong Consistency

Storage: Cloud SQL and Cloud Datastore

- Cloud SQL
- Getting Started
- Creating Databases and Tables
- Running SQL Queries
- Cloud Data-store

- Getting Started
- Creating and Viewing Entities via the Developers Console
- Creating and Retrieving Entities Pro-grammatically from a VM
- Bring Your Own Database

Networking

- A Short Networking Primer
- Network Addresses and Routing
- Transport Control Protocol (TCP)
- The Domain Name System (DNS)
- Hypertext Transfer Protocol (HTTP)
- Load Balancing
- Firewalls
- Default Networking
- Configuring Firewall Rules
- Configuring Load Balancing
- Reserving External IP Addresses
- Configuring Networks
- Understanding Networking Costs
- Understanding Routing
- Selecting an Access Mode

Advanced Topics

- Startup Scripts
- cloud compute

- Literal-Value Approach
- Local-File Approach
- Cloud-Storage Approach
- Publicly Available Approach
- API Approach
- Custom Images
- Creating a Custom Image
- Using a Custom Image
- Metadata
- Metadata Server
- Metadata Entries
- Project Metadata
- Instance Metadata
- Data Formats
- Default Versus Custom
- Project-Level Custom Metadata
- Instance-Level Custom Metadata
- `wait_for_change` URL parameter

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