

Google Cloud Services

Service Definition

Summary of Service

As a direct reseller of Google services, Telana provides access to the full suite of Google Cloud Platform offerings. This includes infrastructure, platform, and serverless computing services, enabling customers to leverage Google's global network, cutting-edge data analytics, and machine learning capabilities.

Telana will act as your partner, negotiating terms, funding, and discounts on your behalf.

Service Features

- / Access to Google's scalable and flexible virtual machine computing capabilities.
- / Fully managed Platform-as-a-Service (PaaS) and Kubernetes environments.
- / High-performance storage, networking, and data analytics solutions.
- / Comprehensive security and identity management services.

Service Benefits

- / Pay-for-use billing with sustained usage discounts.
- / Benefit from Google's investment in security, reliability, and network infrastructure.
- / Scale applications seamlessly from small projects to global deployments.
- / Access innovative technologies in AI, machine learning, and data analytics.

Service Description

The Google Cloud Platform is a comprehensive suite of cloud computing services. Below are the details of the various components available under this service.

Compute

- / App Engine: Build and host applications on the same systems that power Google applications, with simple administration and effortless scalability.

- / Compute Engine: Offers scalable and flexible virtual machine (VM) computing, including options for CPUs, GPUs, or Cloud TPUs to handle large-scale processing and analytics.
- / Google Cloud VMware Engine (GCVE): A managed VMware-as-a-Service for running VMware workloads natively on Google Cloud in a dedicated, private, software-defined data centre.

Storage

- / Cloud Storage: A RESTful service for storing and accessing data on Google's infrastructure, combining performance and scalability with advanced security.
- / Persistent Disk: Durable and high-performance block storage (SSD and HDD) for VM instances in Compute Engine or Google Kubernetes Engine.
- / Cloud Filestore: A scalable and highly available shared file service, fully managed by Google, ideal for enterprise applications requiring persistent, shared storage.

Databases

- / Cloud Bigtable: A fast, fully managed, and highly scalable NoSQL database for collecting and retaining large-scale data (terabytes to petabytes).
- / Datastore: A fully managed, schemaless, non-relational datastore with rich query capabilities and automatic scaling.
- / Firestore: A NoSQL document database for mobile and web apps with live synchronisation and offline support.
- / Memorystore: A fully managed in-memory data store service (for Redis and Memcached) for sub-millisecond data access.
- / Cloud Spanner: A fully managed, mission-critical, globally scalable relational database service with high availability and strong consistency.
- / Cloud SQL: A fully managed relational database service for creating and using databases (like MySQL, PostgreSQL, and SQL Server) in the cloud.

Networking

Includes services like Cloud CDN for content delivery, Cloud DNS for managed DNS services, Cloud Load Balancing for traffic management, and Virtual Private Cloud (VPC) for creating secure network environments.

Operations

Provides a suite of tools for monitoring, logging, and diagnostics, including:

- / Cloud Logging: A fully managed service for ingesting, analysing, and exporting log data.
- / Cloud Monitoring: Offers visibility into the performance, uptime, and overall health of applications.
- / Cloud Trace: Provides latency sampling and reporting to help debug performance issues.

Data Analytics

- / BigQuery: A fully managed, serverless data warehouse for analysing terabyte-scale datasets quickly.
- / Dataflow: A managed service for developing and executing a wide range of data processing patterns.
- / Dataproc: A fast, easy-to-use, fully managed cloud service for running Apache Spark and Apache Hadoop clusters.
- / Pub/Sub: A real-time, reliable, and scalable messaging service for application integration.

Generative AI, AI, and Machine Learning

A suite of services providing access to Google's powerful AI and machine learning models, including:

- / AutoML: Train high-quality custom machine learning models with minimal effort and machine learning expertise.
- / Cloud Natural Language API: Use natural language understanding to extract insights from text.
- / Cloud Vision API: Analyse images to detect objects, faces, and read printed text.
- / Vertex AI: A unified platform to manage the entire lifecycle of AI and machine learning development, including access to Google's Gemini models.

Service Level Description

Service Level Agreements (SLAs) for the products and services listed above can, where applicable, be found at the official Google Cloud website:

<https://cloud.google.com/terms/sla>.