

Google Cloud Services

GOOGLE Infrastructure

- ❑ **Google Cloud offers a number of services in its infrastructure.**
- ❑ **Some of the most relevant are:**
 - ❑ **Google Compute Engine:** Delivers scalable virtual machines in the cloud that enable applications to run on a flexible and reliable infrastructure.
 - ❑ **Google Kubernetes Engine (GKE):** It is a Kubernetes-based container management service that makes it easy to deploy, manage, and scale containerized applications.
 - ❑ **Google App Engine:** It's a serverless application development platform that allows developers to focus on writing code while Google takes care of the infrastructure.
 - ❑ **Google Cloud Functions:** Allows code to run in response to events in the cloud without managing servers.
 - ❑ **Google Cloud Storage:** Offers highly scalable object storage for data, files, and media.

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 - ❑ **Google Cloud SQL:** Provides managed relational databases based on MySQL, PostgreSQL, and SQL Server.
 - ❑ **Google Bigtable:** It is a highly scalable, high-performance NoSQL database that is ideal for applications that require access to real-time data.
 - ❑ **Google Firestore:** Provides a real-time documentary NoSQL database for web and mobile applications.
 - ❑ **Google Cloud Pub/Sub:** Provides real-time messaging that enables applications to send and receive messages between components in a scalable way.
 - ❑ **Google Cloud Spanner:** It is a globally distributed database that combines horizontal scalability with the consistency of relational databases.
 - ❑ **Google Cloud Vision AI y Video AI:** Offer advanced computer vision and video analytics capabilities, such as object detection and face recognition.
 - ❑ **Google Natural Language API:** Provides natural language processing capabilities to analyze text and extract useful information.

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 - ❑ **Google AI Platform:** Enables the development, training, and deployment of machine learning models.
 - ❑ **Google Cloud AutoML:** Makes it easy to build custom machine learning models without ML expertise.
 - ❑ **Google Cloud Identity and Access Management (IAM):** Provides tools to control access to Google Cloud resources and ensure data security.
 - ❑ **Google Cloud Security Command Center:** Provides visibility and control over security on Google Cloud.
 - ❑ **Google Cloud Load Balancing:** Provides global load balancing to ensure application availability and scalability.
 - ❑ **Google Cloud CDN:** Optimizes web content delivery through a global network of cloud proxies.