**Compute:**

**App Engine** - Platform as a Service to deploy Java, PHP, Node.js, Python, C#, .Net, Ruby and Go applications.

**Compute Engine** - Infrastructure as a Service to run Microsoft Windows and Linux virtual machines.

**Kubernetes Engine (GKE) or GKE on-prem offered as part of Anthos platform** - Containers as a Service based on Kubernetes.

**Cloud Functions** - Functions as a Service to run event-driven code written in Node.js, Python or Go.

**Cloud Run** - Compute execution environment based on Knative. Offered as Cloud Run (fully managed) or as Cloud Run for Anthos

**Storage & Databases:**

**Cloud Storage** - Object storage with integrated edge caching to store unstructured data.

**Cloud SQL** - Database as a Service based on MySQL and PostgreSQL.

**Cloud Bigtable** - Managed NoSQL database service.

**Cloud Spanner** - Horizontally scalable, strongly consistent, relational database service.

**Cloud Datastore** - NoSQL database for web and mobile applications.

**Persistent Disk** - Block storage for Compute Engine virtual machines.

**Cloud MemoryStore** - Managed in-memory data store based on Redis.

**Local SSD**: High performance, transient, local block storage.

**Filestore**: High performance files storage for Google Cloud users.

**Networking:**

**VPC** - Virtual Private Cloud for managing the software defined network of cloud resources.

**Cloud Load Balancing** - Software-defined, managed service for load balancing the traffic.

**Cloud Armor** - Web application firewall to protect workloads from DDoS attacks.

**Cloud CDN** - Content Delivery Network based on Google's globally distributed edge points of presence.

**Cloud Interconnect** - Service to connect a data center with Google Cloud Platform

**Cloud DNS** - Managed, authoritative DNS service running on the same infrastructure as Google.

**Network Service Tiers** - Option to choose Premium vs Standard network tier for higher-performing network.

**Big Data:**

**BigQuery** - Scalable, managed enterprise data warehouse for analytics.

**Cloud Dataflow** - Managed service based on Apache Beam for stream and batch data processing.

**Cloud Dataproc** - Big data platform for running Apache Hadoop and Apache Spark jobs.

**Cloud Composer** - Managed workflow orchestration service built on Apache Airflow.

**Cloud Datalab** - Tool for data exploration, analysis, visualization and machine learning. This is a fully managed Jupyter Notebook service.

**Cloud Dataprep** - Data service based on Trifacta to visually explore, clean, and prepare data for analysis.

**Cloud Pub/Sub** - Scalable event ingestion service based on message queues.

**Cloud Data Studio** - Business intelligence tool to visualize data through dashboards and reports.

**Data catalog** - [Data Catalog is a fully managed and scalable metadata management service that empowers organizations to quickly discover, understand, and manage their data in Google Cloud.](https://cloud.google.com/data-catalog/)

**Cloud DLP -** Fully managed service designed to help you discover, classify, and protect your most sensitive data.

**Cloud AI:**

**Cloud Auto ML** - Service to train and deploy custom machine, learning models. As of September 2018, the service is in Beta.

**Cloud TPU** - Accelerators used by Google to train machine learning models.

**Cloud Machine Learning Engine** - Managed service for training and building machine learning models based on mainstream frameworks.

**Cloud Job Discovery** - Service based on Google's search and machine learning capabilities for the recruiting ecosystem.

**Dialogflow Enterprise** - Development environment based on Google's machine learning for building conversational interfaces.

**Cloud Natural Language** - Text analysis service based on Google Deep Learning models.

**Cloud Speech-to-Text** - Speech to text conversion service based on machine learning.

**Cloud Text-to-Speech** - Text to speech conversion service based on machine learning.

**Cloud Translation API** - Service to dynamically translate between thousands of available language pairs

**Cloud Vision API** - Image analysis service based on machine learning

**Cloud Video Intelligence** - Video analysis service based on machine learning

**Management Tools:**

**Stackdriver** - Monitoring, logging, and diagnostics for applications on Google Cloud Platform and AWS.

**Cloud Deployment Manager** - Tool to deploy Google Cloud Platform resources defined in templates created in YAML, Python or Jinja2.

**Cloud Console** - Web interface to manage Google Cloud Platform resources.

**Cloud Shell** - Browser-based shell command-line access to manage Google Cloud Platform resources.

**Cloud Console Mobile App** - Android and iOS application to manage Google Cloud Platform resources.

**Cloud APIs** - APIs to programmatically access Google Cloud Platform resources

**Identity & Security:**

**Cloud Identity** - Single sign-on (SSO) service based on SAML 2.0 and OpenID.

**Cloud IAM** - Identity & Access Management (IAM) service for defining policies based on role-based access control.

**Cloud Identity-Aware Proxy** - Service to control access to cloud applications running on Google Cloud Platform without using a VPN.

**Cloud Data Loss Prevention API** - Service to automatically discover, classify, and redact sensitive data.

**Security Key Enforcement** - Two-step verification service based on a security key.

**Cloud Key Management Service** - Cloud-hosted key management service integrated with IAM and audit logging.

**Cloud Resource Manager** - Service to manage resources by project, folder, and organization based on the hierarchy.

**Cloud Security Command Center** - Security and data risk platform for data and services running in Google Cloud Platform.

**Cloud Security Scanner** - Automated vulnerability scanning service for applications deployed in App Engine.

**Access Transparency** - Near real-time audit logs providing visibility to Google Cloud Platform administrators.

**VPC Service Controls** - Service to manage security perimeters for sensitive data in Google Cloud Platform services.

**IoT:**

**Cloud IoT Core** - Secure device connection and management service for Internet of Things.

**Edge TPU** - Purpose-built ASIC designed to run inference at the edge. As of September 2018, this product is in private beta.

**Cloud IoT Edge** - Brings AI to the edge computing layer.

**API Platform:**

**Maps Platform** - APIs for maps, routes, and places based on Google Maps.

**Apigee API Platform** - Lifecycle management platform to design, secure, deploy, monitor, and scale APIs.

**API Monetization** - Tool for API providers to create revenue models, reports, payment gateways, and developer portal integrations.

**Developer Portal** - Self-service platform for developers to publish and manage APIs.

**API Analytics** - Service to analyze API-driven programs through monitoring, measuring, and managing APIs.

**Apigee Sense** - Enables API security by identifying and alerting administrators to suspicious API behaviors.

**Cloud Endpoints** - An NGINX-based proxy to deploy and manage APIs.

**Service Infrastructure** - A set of foundational services for building Google Cloud products.

**Pipeline:**

**Cloud Data Fusion**: It is a fully managed, cloud-native data integration service that helps users efficiently build and manage ETL/ELT data pipelines. With a graphical interface and a broad open source library of preconfigured [connectors and transformations](https://cloud.google.com/data-fusion/plugins), Cloud Data Fusion shifts an organization’s focus away from code and integration to insights and action.