**All GCP Services**

🔗-Product page 📄-Documentation

[Compute](https://github.com/priyankavergadia/google-cloud-4-words#compute)

* **Cloud Functions**: Event-driven serverless functions [🔗](https://cloud.google.com/functions/) [📄](https://cloud.google.com/functions/docs/)
* **App Engine**: Managed app platform [🔗](https://cloud.google.com/appengine/) [📄](https://cloud.google.com/appengine/docs/)
* **Cloud Run**: Serverless for containerized applications [🔗](https://cloud.google.com/run/) [📄](https://cloud.google.com/run/docs/)
* **Google Kubernetes Engine (GKE)**: Managed Kubernetes/containers [🔗](https://cloud.google.com/kubernetes-engine/) [📄](https://cloud.google.com/kubernetes-engine/docs/)
* **Compute Engine**: VMs, GPUs, TPUs, Disks [🔗](https://cloud.google.com/compute/) [📄](https://cloud.google.com/compute/docs/)
* **Bare Metal Solution**: Hardware for specialized workloads [🔗](https://cloud.google.com/bare-metal)
* **Preemptible VMs**: Short-lived compute instances [🔗](https://cloud.google.com/preemptible-vms) [📄](https://cloud.google.com/compute/docs/instances/preemptible)
* **Shielded VMs**: Hardened VMs [🔗](https://cloud.google.com/shielded-vm/) [📄](https://cloud.google.com/security/shielded-cloud/shielded-vm/)
* **Sole-tenant Nodes**: Dedicated physical servers [🔗](https://cloud.google.com/sole-tenant-nodes) [📄](https://cloud.google.com/compute/docs/nodes)
* **VMware Engine**: VMware as a service [🔗](https://cloud.google.com/vmware-engine) [📄](https://cloud.google.com/vmware-engine/docs)

### [Storage](https://github.com/priyankavergadia/google-cloud-4-words#storage)

* **Cloud Filestore**: Managed NFS server [🔗](https://cloud.google.com/filestore/) [📄](https://cloud.google.com/filestore/docs/)
* **Cloud Storage**: Multi-class multi-region object storage[🔗](https://cloud.google.com/storage/) [📄](https://cloud.google.com/storage/docs/)
* **Persistent Disk**: Block storage for VMs [🔗](https://cloud.google.com/persistent-disk/) [📄](https://cloud.google.com/compute/docs/disks/)
* **Local SSD**: VM locally attached SSDs [🔗](https://cloud.google.com/local-ssd) [📄](https://cloud.google.com/compute/docs/disks/local-ssd)

### [Database](https://github.com/priyankavergadia/google-cloud-4-words#database)

* **Cloud Bigtable**: Petabyte-scale, low-latency, non-relational [🔗](https://cloud.google.com/bigtable/) [📄](https://cloud.google.com/bigtable/docs/)
* **Cloud Firestore**: Serverless NoSQL document database [🔗](https://cloud.google.com/firestore/) [📄](https://cloud.google.com/firestore/docs/)
* **Cloud Memorystore**: Managed Redis and Memcached [🔗](https://cloud.google.com/memorystore/) [📄](https://cloud.google.com/memorystore/docs/)
* **Cloud Spanner**: Horizontally scalable relational database [🔗](https://cloud.google.com/spanner/) [📄](https://cloud.google.com/spanner/docs/)
* **Cloud SQL**: Managed MySQL, PostgreSQL, SQL Server [🔗](https://cloud.google.com/sql/) [📄](https://cloud.google.com/sql/docs/)
* **Database Migration Service**: Migrate to Cloud SQL [🔗](https://cloud.google.com/database-migration) [📄](https://cloud.google.com/database-migration/docs)
* **Cloud SQL Insights**: SQL Inspector [🔗](https://cloud.google.com/sql/docs/postgres/insights-overview) [📄](https://cloud.google.com/sql/docs/postgres/using-insights)

### [Data Analytics](https://github.com/priyankavergadia/google-cloud-4-words#data-analytics)

* **BigQuery**: Data warehouse and analytics [🔗](https://cloud.google.com/bigquery/) [📄](https://cloud.google.com/bigquery/docs/)
* **BigQuery BI Engine**: In-memory analytics engine [📄](https://cloud.google.com/bi-engine/docs/)
* **BigQuery ML**: BigQuery model training/serving [📄](https://cloud.google.com/bigquery-ml/docs/)
* **BigQuery GIS**: BigQuery geospatial functions/support [📄](https://cloud.google.com/bigquery/docs/gis)
* **BigQuery Data Transfer Service**: Automated data ingestion service [📄](https://cloud.google.com/bigquery-transfer/docs)
* **Connected Sheets**: Spreadsheet interface for (big)data [📄](https://cloud.google.com/bigquery/docs/connected-sheets)
* **Cloud Composer**: Managed workflow orchestration service [🔗](https://cloud.google.com/composer/) [📄](https://cloud.google.com/composer/docs/)
* **Cloud Data Fusion**: Graphically manage data pipelines [🔗](https://cloud.google.com/data-fusion/) [📄](https://cloud.google.com/data-fusion/docs/)
* **Dataflow**: Stream/batch data processing [🔗](https://cloud.google.com/dataflow/) [📄](https://cloud.google.com/dataflow/docs/)
* **Dataprep by Trifacta**: Visual data wrangling [🔗](https://cloud.google.com/dataprep/) [📄](https://cloud.google.com/dataprep/docs/)
* **Dataproc**: Managed Spark and Hadoop [🔗](https://cloud.google.com/dataproc/) [📄](https://cloud.google.com/dataproc/docs/)
* **Datastream**: Change data capture/replication service [🔗](https://cloud.google.com/datastream) [📄](https://cloud.google.com/datastream/docs)
* **Pub/Sub**: Global real-time messaging [🔗](https://cloud.google.com/pubsub/) [📄](https://cloud.google.com/pubsub/docs/)
* **Data Catalog**: Metadata management service [🔗](https://cloud.google.com/data-catalog/) [📄](https://cloud.google.com/data-catalog/docs/)
* **Google Data Studio**: Collaborative data exploration/dashboarding [🔗](https://datastudio.google.com/overview) [📄](https://datastudio.google.com/overviewdocs/)
* **Looker**: Enterprise BI and analytics [🔗](https://cloud.google.com/looker)
* **Public Datasets**: Hosted data in BigQuery[📄](https://cloud.google.com/public-datasets)

### [Hybrid and multi-cloud](https://github.com/priyankavergadia/google-cloud-4-words#hybrid-and-multi-cloud)

* **Anthos**: Enterprise hybrid/multi-cloud platform [🔗](https://cloud.google.com/anthos/) [📄](https://cloud.google.com/anthos/docs/)
* **Anthos clusters**: Hybrid/on-premises GKE [🔗](https://cloud.google.com/anthos/gke) [📄](https://cloud.google.com/anthos/gke/docs/on-prem/)
* **Anthos Config Management**:Policy and security automation [🔗](https://cloud.google.com/anthos/config-management) [📄](https://cloud.google.com/anthos-config-management/docs)
* **Anthos Service Mesh**: Managed service mesh (Istio) [🔗](https://cloud.google.com/anthos/service-mesh) [📄](https://cloud.google.com/service-mesh/docs)
* **Cloud Run for Anthos**: Serverless development for Anthos [🔗](https://cloud.google.com/anthos/run) [📄](https://cloud.google.com/run/docs/quickstarts/prebuilt-deploy-gke)
* **Google Cloud Marketplace for Anthos**: Pre-configured containerized apps [🔗](https://cloud.google.com/kubernetes-applications) [📄](https://cloud.google.com/marketplace/docs/kubernetes-apps)
* **Migrate for Anthos and GKE**: Migrate VMs to GKE [🔗](https://cloud.google.com/migrate/anthos/) [📄](https://cloud.google.com/migrate/anthos/docs/getting-started)
* **Google Cloud's operations suite**: Monitoring, logging, troubleshooting [🔗](https://cloud.google.com/products/operations) [📄](https://cloud.google.com/stackdriver/docs)
* **Traffic Director**: Service mesh traffic management [🔗](https://cloud.google.com/traffic-director/) [📄](https://cloud.google.com/traffic-director/docs/)
* **Apigee API Management**: API management, development, security [🔗](https://cloud.google.com/apigee)

### [AI and ML](https://github.com/priyankavergadia/google-cloud-4-words#ai-and-ml)

* **Vertex AI**: Managed platform for ML [🔗](https://cloud.google.com/ai-platform/)
* **AutoML**: Custom low-code models [📄](https://cloud.google.com/vertex-ai/docs/training/training)
* **Vertex AI Data Labeling**: Data labeling by humans [📄](https://cloud.google.com/data-labeling/docs/)
* **Deep Learning VM Images**: Preconfigured VMs for deep learning [🔗](https://cloud.google.com/deep-learning-vm/) [📄](https://cloud.google.com/deep-learning-vm/docs/)
* **Vertex AI Workbench**:Jupyter-based environment for Data Science [🔗](https://cloud.google.com/vertex-ai-workbench) [📄](https://cloud.google.com/vertex-ai/docs/workbench)
* **Deep Learning Containers**: Preconfigured containers for deep learning [🔗](https://cloud.google.com/ai-platform/deep-learning-containers/) [📄](https://cloud.google.com/ai-platform/deep-learning-containers/docs/)
* **Vertex AI Matching Engine**: Vector similarity searches [🔗📄](https://cloud.google.com/vertex-ai/docs/matching-engine)
* **Vertex AI Pipelines**: Hosted ML workflows[🔗](https://cloud.google.com/ai-platform/pipelines/)
* **Vertex AI Predictions**: Autoscaled model serving [📄](https://cloud.google.com/ai-platform/prediction/docs/overview)
* **Vertex AI Training**: Distributed AI training [📄](https://cloud.google.com/ai-platform/training/docs/overview)
* **Vertex AI Edge Manager**: Deploy monitor edge inferences [📄](https://https/cloud.google.com/vertex-ai/docs/)
* **Vertex Explainable AI**: Understand ML model predictions [🔗](https://cloud.google.com/vertex-ai/docs/explainable-ai/overview) [📄](https://cloud.google.com/vertex-ai/docs/explainable-ai)
* **Vertex AI Feature Store**: Managed ML feature repository [🔗](https://cloud.google.com/vertex-ai/docs/featurestore) [📄](https://cloud.google.com/vertex-ai/docs/featurestore/overview)
* **Vertex ML Metadata**: Artifact, lineage, and execution tracking [🔗](https://cloud.google.com/vertex-ai/docs/ml-metadata) [📄](https://cloud.google.com/vertex-ai/docs/ml-metadata/introduction)
* **Vertex AI Model Monitoring**: Monitor models for skew/drift [🔗](https://cloud.google.com/vertex-ai/docs/model-monitoring) [📄](https://cloud.google.com/vertex-ai/docs/model-monitoring/overview)
* **Vertex AI Tensorboard**: Managed TensorBoard for ML-experiment Visualization [🔗](https://cloud.google.com/vertex-ai/docs/experiments) [📄](https://cloud.google.com/vertex-ai/docs/experiments/tensorboard-overview)
* **Vertex AI Vizier**: black-box hyperparameter tuning [🔗](https://cloud.google.com/vertex-ai/docs/vizier/overview) [📄](https://cloud.google.com/vertex-ai/docs/vizier)
* **Speech-To-Text**: Convert audio to text [🔗](https://cloud.google.com/speech/) [📄](https://cloud.google.com/speech/docs/)
* **Talent Solutions**: Job search with ML [🔗](https://cloud.google.com/job-discovery/) [📄](https://cloud.google.com/job-discovery/docs/)
* **Text-To-Speech**: Convert text to audio [🔗](https://cloud.google.com/text-to-speech/) [📄](https://cloud.google.com/text-to-speech/docs/)
* **Cloud TPU**: Hardware acceleration for ML [🔗](https://cloud.google.com/tpu/) [📄](https://cloud.google.com/tpu/docs/)
* **Cloud Translation**: Language detection and translation [🔗](https://cloud.google.com/translate/) [📄](https://cloud.google.com/translate/docs/)
* **Cloud Video Intelligence API**: Scene-level video annotation [🔗](https://cloud.google.com/video-intelligence/) [📄](https://cloud.google.com/video-intelligence/docs/)
* **Cloud Vision**: Image recognition and classification [🔗](https://cloud.google.com/vision/) [📄](https://cloud.google.com/vision/docs/)
* **Contact Center AI**: AI in your contact center[🔗](https://cloud.google.com/solutions/contact-center/) [📄](https://cloud.google.com/solutions/contact-center/)
* **Dialogflow**: Create conversational interfaces [🔗](https://cloud.google.com/dialogflow-enterprise/) [📄](https://cloud.google.com/dialogflow-enterprise/docs/)
* **Document AI**: Analyze, classify, search documents [🔗](https://cloud.google.com/solutions/document-understanding/) [📄](https://cloud.google.com/document-understanding/docs/)
* **Recommendations AI**: Create custom recommendations [🔗](https://cloud.google.com/recommendations/) [📄](https://cloud.google.com/recommendations-ai/docs/)
* **Vision Product Search**: Visual search for products [📄](https://cloud.google.com/vision/product-search/docs/)

### [Networking](https://github.com/priyankavergadia/google-cloud-4-words#networking)

* **Carrier Peering**: Peer through a carrier [📄](https://cloud.google.com/interconnect/docs/how-to/carrier-peering)
* **Direct Peering**: Peer with Google Cloud [📄](https://cloud.google.com/interconnect/docs/how-to/direct-peering)
* **Dedicated Interconnect**: Dedicated private network connection [📄](https://cloud.google.com/interconnect/docs/details/dedicated)
* **Partner Interconnect**: Connect on-prem network to VPC [📄](https://cloud.google.com/interconnect/docs/concepts/partner-overview)
* **Google Cloud Armor**: DDoS protection and WAF [🔗](https://cloud.google.com/armor/) [📄](https://cloud.google.com/armor/docs/)
* **Cloud CDN**: Content delivery network [🔗](https://cloud.google.com/cdn/) [📄](https://cloud.google.com/cdn/docs/)
* **Cloud DNS**: Programmable DNS serving [🔗](https://cloud.google.com/dns/) [📄](https://cloud.google.com/dns/docs/)
* **Cloud Load Balancing**: Multi-region load distribution/balancing [🔗](https://cloud.google.com/load-balancing/) [📄](https://cloud.google.com/load-balancing/)
* **Cloud NAT**: Network address translation service [📄](https://cloud.google.com/nat/docs/overview/)
* **Cloud Router**: VPC/on-prem network route exchange (BGP) [📄](https://cloud.google.com/router/docs/)
* **Cloud VPN**: Virtual private network connection[📄](https://cloud.google.com/compute/docs/vpn/overview)
* **Network Service Tiers**: Price versus performance tiering [🔗](https://cloud.google.com/network-tiers/) [📄](https://cloud.google.com/network-tiers/docs/)
* **Network Telemetry**: Network telemetry service [🔗](https://cloud.google.com/network-telemetry/) [📄](https://cloud.google.com/vpc/docs/using-flow-logs/)
* **Traffic Director**: Service mesh traffic management [🔗](https://cloud.google.com/traffic-director/) [📄](https://cloud.google.com/traffic-director/docs/)
* **Anthos Service Mesh**: Service-aware network management [🔗](https://cloud.google.com/service-mesh/) [📄](https://cloud.google.com/trace/docs/)
* **Virtual Private Cloud**: Software defined networking [🔗](https://cloud.google.com/vpc/) [📄](https://cloud.google.com/vpc/docs/)
* **Cloud Domains**: Register, transfer, manager domains [🔗](https://cloud.google.com/domains) [📄](https://cloud.google.com/domains/docs/)
* **VPC Service Controls**: Security perimeters for API-based services [🔗](https://cloud.google.com/vpc-service-controls/) [📄](https://cloud.google.com/vpc-service-controls/)
* **Network Intelligence Center**: Network monitoring and topology [🔗](https://cloud.google.com/network-intelligence-center/) [📄](https://cloud.google.com/network-intelligence-center/docs/)
* **Service Directory**: Centrally publish/discover/connect services [🔗](https://cloud.google.com/service-directory) [📄](https://cloud.google.com/service-directory/docs)
* **Private Service Connect**: Privately connect services across VPCs [🔗](https://cloud.google.com/service-directory) [📄](https://cloud.google.com/vpc/docs/private-service-connect)
* **Network Connectivity Center**: Connect VPC & On-prem [🔗](https://cloud.google.com/network-connectivity-center) [📄](https://cloud.google.com/network-connectivity/docs/network-connectivity-center)
* **Packet Mirroring**: Monitor/analyze instance traffic [📄](https://cloud.google.com/vpc/docs/packet-mirroring)
* **Cloud IDS**: Detects network based threats [🔗](https://cloud.google.com/intrusion-detection-system) [📄](https://cloud.google.com/intrusion-detection-system/docs)

### [Identity and Security](https://github.com/priyankavergadia/google-cloud-4-words#identity-and-security)

* **Access Transparency**: Audit cloud provider access [🔗](https://cloud.google.com/access-transparency/) [📄](https://cloud.google.com/logging/docs/audit/access-transparency-overview/)
* **Assured Workloads**: Workload compliance controls [🔗](https://cloud.google.com/assured-workloads) [📄](https://cloud.google.com/assured-workloads/docs)
* **Binary Authorization**: Kubernetes deploy-time security [🔗](https://cloud.google.com/binary-authorization/) [📄](https://cloud.google.com/binary-authorization/docs/)
* **Certificate Authority Service**: Managed private CAs [🔗](https://cloud.google.com/certificate-authority-service) [📄](https://cloud.google.com/certificate-authority-service/docs)
* **Cloud Asset Inventory**: All assets, one place [🔗](https://cloud.google.com/asset-inventory) [📄](https://cloud.google.com/asset-inventory/docs/overview)
* **Cloud Audit Logs**: Audit trails for Google Cloud [🔗](https://cloud.google.com/audit-logs/) [📄](https://cloud.google.com/logging/docs/audit/)
* **Cloud Data Loss Prevention (DLP)**: Classify and redact sensitive data [🔗](https://cloud.google.com/dlp/) [📄](https://cloud.google.com/dlp/docs/)
* **Cloud HSM**: Hardware security module service [🔗](https://cloud.google.com/hsm/) [📄](https://cloud.google.com/kms/docs/hsm/)
* **Cloud External Key Manager (EKM)**: External keys you control [🔗](https://cloud.google.com/ekm/) [📄](https://cloud.google.com/kms/docs/ekm/)
* **Cloud IAM**: Resource access control [🔗](https://cloud.google.com/iam/) [📄](https://cloud.google.com/iam/docs/)
* **Cloud Identity**: Manage users, devices & apps [🔗](https://cloud.google.com/identity/) [📄](https://cloud.google.com/identity/solutions/overview/)
* **Cloud Identity-Aware Proxy**: Identity-based app access [🔗](https://cloud.google.com/iap/) [📄](https://cloud.google.com/iap/docs/)
* **Cloud Key Management Service**: Hosted key management service [🔗](https://cloud.google.com/kms/) [📄](https://cloud.google.com/kms/docs/)
* **Resource Manager**: Cloud project metadata management [🔗](https://cloud.google.com/resource-manager/) [📄](https://cloud.google.com/resource-manager/docs/)
* **Security Command Center**: Security management and data risk platform [🔗](https://cloud.google.com/security-command-center/) [📄](https://cloud.google.com/security-command-center/docs/)
* **Web Security Scanner**: App engine security scanner [🔗](https://cloud.google.com/security-scanner/) [📄](https://cloud.google.com/security-scanner/docs/)
* **Confidential Computing**: Encrypt data in-use [🔗](https://cloud.google.com/confidential-computing) [📄](https://cloud.google.com/confidential-computing/docs)
* **Access Context Manager**: End-user attribute-based access control [🔗](https://cloud.google.com/context-aware-access/) [📄](https://cloud.google.com/iap/docs/cloud-iap-context-aware-access-howto/)
* **Event Threat Detection**: Scans for suspicious activity [🔗](https://cloud.google.com/event-threat-detection/)
* **Managed Service for Microsoft Active Directory**: Managed Microsoft Active Directory [🔗](https://cloud.google.com/managed-microsoft-ad/) [📄](https://cloud.google.com/managed-microsoft-ad/docs/)
* **Secret Manager**: Store and manage secrets [🔗](https://cloud.google.com/secret-manager/) [📄](https://cloud.google.com/secret-manager/docs/)
* **Security Key Enforcement**: Two-step key verification [🔗](https://cloud.google.com/security-key/)
* **Shielded VMs**: Hardened VMs [🔗](https://cloud.google.com/shielded-vm/) [📄](https://cloud.google.com/security/shielded-cloud/shielded-vm/)
* **Titan Security Key**: Two-factor authentication (2FA) device [🔗](https://cloud.google.com/titan-security-key/)
* **VPC Service Controls**: VPC data constraints [🔗](https://cloud.google.com/vpc-service-controls/) [📄](https://cloud.google.com/vpc-service-controls/docs/)
* **Chronicle**: Find threats from security telemetry [🔗](https://chronicle.security/products/platform/)
* **VirusTotal**: Research/hunt for malware [🔗](https://chronicle.security/products/virustotal/)
* **Risk Manager**: Evaluate organization’s security posture [🔗](https://cloud.google.com/risk-manager/docs)
* **reCAPTCHA Enterprise**: Protection against bot/spam/abuse [🔗](https://cloud.google.com/recaptcha-enterprise) [📄](https://cloud.google.com/recaptcha-enterprise/docs/)
* **BeyondCorp Enterprise**: Zero trust secure access [🔗](https://cloud.google.com/beyondcorp-enterprise) [📄](https://cloud.google.com/beyondcorp-enterprise/docs)
* **Access Context Manager**: Fine-grained, attribute based access-control [📄](https://cloud.google.com/access-context-manager/docs)
* **Web Security Scanner**: Identifies web-app security vulnerabilities [📄](https://cloud.google.com/security-command-center/docs/concepts-web-security-scanner-overview)

### [Operations & Monitoring](https://github.com/priyankavergadia/google-cloud-4-words#operations--monitoring)

* **Cloud Debugger**: Live production debugging [🔗](https://cloud.google.com/debugger/) [📄](https://cloud.google.com/debugger/docs/)
* **Error Reporting**: App error reporting [🔗](https://cloud.google.com/error-reporting/) [📄](https://cloud.google.com/error-reporting/docs/)
* **Cloud Logging**: Centralized logging [🔗](https://cloud.google.com/logging/) [📄](https://cloud.google.com/logging/docs/)
* **Cloud Monitoring**: Infrastructure and application monitoring [🔗](https://cloud.google.com/monitoring/) [📄](https://cloud.google.com/monitoring/docs/)
* **Cloud Profiler**: CPU and heap profiling [🔗](https://cloud.google.com/profiler/) [📄](https://cloud.google.com/profiler/docs/)
* **Cloud Trace**: App latency insights [🔗](https://cloud.google.com/trace/) [📄](https://cloud.google.com/trace/docs/)

### [DevOps CI/CD](https://github.com/priyankavergadia/google-cloud-4-words#devops-cicd)

* **Cloud Build**: Continuous integration/delivery platform [🔗](https://cloud.google.com/cloud-build/) [📄](https://cloud.google.com/cloud-build/docs/)
* **Cloud Deploy**: Deployment pipeline for GKE [🔗](https://cloud.google.com/deploy) [📄](https://cloud.google.com/deploy/docs/)
* **Artifact Registry**: Universal package manager [🔗](https://cloud.google.com/artifacts/) [📄](https://cloud.google.com/artifacts/)
* **Cloud Source Repositories**: Hosted private git repos [🔗](https://cloud.google.com/source-repositories/) [📄](https://cloud.google.com/source-repositories/docs/)
* **Container Registry**: Private container registry/storage [🔗](https://cloud.google.com/container-registry/) [📄](https://cloud.google.com/container-registry/docs/)

### [Application Integration](https://github.com/priyankavergadia/google-cloud-4-words#application-integration)

* **Eventarc**: Event-driven Cloud Run services [🔗](https://cloud.google.com/eventarc/) [📄](https://cloud.google.com/eventarc/docs/)
* **Cloud Scheduler**: Managed cron job service [🔗](https://cloud.google.com/scheduler/) [📄](https://cloud.google.com/scheduler/docs/)
* **Cloud Tasks**: Asynchronous task execution [🔗](https://cloud.google.com/tasks/) [📄](https://cloud.google.com/tasks/docs/)
* **Workflows**: HTTP services orchestration [🔗](https://cloud.google.com/workflows/) [📄](https://cloud.google.com/workflows/docs/)
* **Pub/Sub**: Global real-time messaging [🔗](https://cloud.google.com/pubsub/) [📄](https://cloud.google.com/pubsub/docs/)

### [API Platform and Ecosystems](https://github.com/priyankavergadia/google-cloud-4-words#api-platform-and-ecosystems)

* **API Analytics**: API metrics [🔗](https://cloud.google.com/api-analytics/)
* **API Monetization**: Monetize APIs [🔗](https://cloud.google.com/api-monetization/)
* **Apigee API Platform**: Develop, secure, monitor APIs [🔗](https://cloud.google.com/apigee-api-management/)
* **API Gateway**: Fully managed API Gateway [🔗](https://cloud.google.com/api-gateway)
* **Apigee Hybrid**: Manage hybrid/multi-cloud API environments [🔗](https://cloud.google.com/apigee/api-management/hybrid/)[📄](https://docs.apigee.com/hybrid/beta2)
* **Apigee Sense**: API protection from attacks [🔗](https://cloud.google.com/apigee-sense/)
* **Cloud Endpoints**: Cloud API gateway [🔗](https://cloud.google.com/endpoints/)
* **Developer Portal**: API management portal [🔗](https://cloud.google.com/developer-portal/)
* **Marketplace**: Partner & open source marketplace [🔗](https://cloud.google.com/marketplace/)
* **AppSheet**: No-code App creation [🔗](https://www.appsheet.com/)

### [Internet of Things (IoT)](https://github.com/priyankavergadia/google-cloud-4-words#internet-of-things-iot)

* **Cloud IoT Core**: Manage devices, ingest data [🔗](https://cloud.google.com/iot-core/) [📄](https://cloud.google.com/iot-core/docs/)

### [Gaming](https://github.com/priyankavergadia/google-cloud-4-words#gaming)

* **Google Cloud Game Servers**: Orchestrate Agones clusters [🔗](https://cloud.google.com/game-servers)

### [Healthcare](https://github.com/priyankavergadia/google-cloud-4-words#healthcare)

* **Cloud Healthcare API**: Healthcare system Google Cloud interoperability [🔗](https://cloud.google.com/healthcare-api/)
* **Apigee Healthcare APIx**: Healthcare system Google Cloud interoperability [🔗](https://cloud.google.com/solutions/apigee-health-apix)
* **Healthcare Natural Language AI**: Real-time insights from media-text [🔗](https://cloud.google.com/healthcare-api/docs/how-tos/nlp)
* Cloud Life Sciences\*: Manage, process, transform biomedical-data [🔗](https://cloud.google.com/life-sciences)[📄](https://cloud.google.com/life-sciences/docs)

### [Retail](https://github.com/priyankavergadia/google-cloud-4-words#retail)

* **Vision Product Search**: Visual search for products [📄](https://cloud.google.com/vision/product-search/docs/)
* **Recommendations AI**: Create custom recommendations [🔗](https://cloud.google.com/recommendations/) [📄](https://cloud.google.com/recommendations-ai/docs/)
* **Visual Inspection AI**: Train/deploy models to detect defects [🔗](https://cloud.google.com/solutions/visual-inspection-ai)

### [Management Tools](https://github.com/priyankavergadia/google-cloud-4-words#management-tools)

* **VM Manager**: Manage OS VM Fleets [📄](https://cloud.google.com/compute/docs/vm-manager)
* **Cloud APIs**: APIs for cloud services [🔗](https://cloud.google.com/apis/) [📄](https://cloud.google.com/apis/docs/)
* **Cloud Billing API**: Programmatically manage Google Cloud billing [📄](https://cloud.google.com/billing/docs/)
* **Cloud Billing**: Billing and cost management tools [🔗](https://cloud.google.com/billing/docs/) [📄](https://cloud.google.com/billing/docs/docs/)
* **Cloud Console**: Web-based management console [🔗](https://cloud.google.com/cloud-console/)
* **Cloud Deployment Manager**: Templated infrastructure deployment [🔗](https://cloud.google.com/deployment-manager/) [📄](https://cloud.google.com/deployment-manager/docs/)
* **Cloud Mobile App**: iOS/Android Google Cloud manager app [🔗](https://cloud.google.com/console-app/)
* **Private Catalog**: Internal Solutions Catalog [🔗](https://cloud.google.com/private-catalog/) [📄](https://cloud.google.com/private-catalog/docs/)
* **Carbon Footprint**: Report and reduce carbon emissions [🔗](https://cloud.google.com/carbon-footprint) [📄](https://cloud.google.com/carbon-footprint/docs)

### [Developer Tools](https://github.com/priyankavergadia/google-cloud-4-words#developer-tools)

* **Cloud Code for IntelliJ**: IntelliJ Google Cloud tools [🔗](https://cloud.google.com/intellij/)
* **Cloud Code for VS Code**: VS Code Google Cloud tools [🔗](https://cloud.google.com/code/docs/vscode/)
* **Cloud Code**: Cloud native IDE extensions [🔗](https://cloud.google.com/code/) [📄](https://cloud.google.com/code/docs/)
* **Cloud Tools for Eclipse**: Eclipse Google Cloud tools [🔗](https://cloud.google.com/eclipse/docs/)
* **Cloud Tools for Visual Studio**: Visual Studio Google Cloud tools [🔗](https://cloud.google.com/visual-studio/)
* **App Engine Plugins**: Gradle/Maven App Engine plugin [🔗](https://github.com/GoogleCloudPlatform/app-gradle-plugin)
* **Cloud SDK**: CLI for Google Cloud [🔗](https://cloud.google.com/sdk/) [📄](https://cloud.google.com/sdk/docs/)
* **Cloud Shell**: Browser-based terminal/CLI [🔗](https://cloud.google.com/shell/) [📄](https://cloud.google.com/shell/docs/)

### [Migration to Google Cloud](https://github.com/priyankavergadia/google-cloud-4-words#migration-to-google-cloud)

* **BigQuery Data Transfer Service**: Bulk import analytics data [🔗](https://cloud.google.com/bigquery/transfer/) [📄](https://cloud.google.com/bigquery/transfer/docs/)
* **Cloud Data Transfer**: Data migration tools/CLI [🔗](https://cloud.google.com/products/data-transfer/)
* **Google Transfer Appliance**: Rentable data transport box [🔗](https://cloud.google.com/transfer-appliance/) [📄](https://cloud.google.com/transfer-appliance/docs/)
* **Storage Transfer Service**: Online/on-premises data transfer [📄](https://cloud.google.com/storage-transfer-service/)
* **Migrate for Anthos and GKE**: Migrate VMs to GKE [🔗](https://cloud.google.com/migrate/anthos/) [📄](https://cloud.google.com/migrate/anthos/docs/getting-started)
* **Migrate for Compute Engine**: Compute Engine migration tools [🔗](https://cloud.google.com/migrate/compute-engine/) [📄](https://cloud.google.com/velostrata/docs/)
* **Migrate from Amazon Redshift**: Migrate from Redshift to BigQuery [🔗](https://cloud.google.com/bigquery/docs/redshift-migration)
* **Migrate from Teradata**: Migrate from Teradata to BigQuery [🔗](https://cloud.google.com/solutions/migration/td2bq/td-bq-migration-overview)
* **Cloud Foundation Toolkit**: Infrastructure as Code templates [🔗](https://cloud.google.com/foundation-toolkit)
* **KF**: Cloud Foundry to Kubernetes [🔗](https://cloud.google.com/migrate/kf/docs)

### [Google Maps Platform](https://github.com/priyankavergadia/google-cloud-4-words#google-maps-platform)

* **Directions API**: Get directions between locations [🔗](https://developers.google.com/maps/documentation/directions/)
* **Distance Matrix API**: Multi-origin/destination travel times [🔗](https://developers.google.com/maps/documentation/distance-matrix/intro)
* **Geocoding API**: Convert address to/from coordinates [🔗](https://developers.google.com/maps/documentation/geocoding/)
* **Geolocation API**: Derive location without GPS [🔗](https://developers.google.com/maps/documentation/geolocation/)
* **Maps Embed API**: Display iframe embedded maps [🔗](https://developers.google.com/maps/documentation/embed/)
* **Maps JavaScript API**: Dynamic web maps [🔗](https://developers.google.com/maps/documentation/javascript/)
* **Maps SDK for Android**: Maps for Android apps [🔗](https://developers.google.com/maps/documentation/android-sdk/)
* **Maps SDK for iOS**: Maps for iOS apps [🔗](https://developers.google.com/maps/documentation/ios-sdk/)
* **Maps Static API**: Display static map images [🔗](https://developers.google.com/maps/documentation/maps-static/)
* **Maps SDK for Unity**: Unity SDK for games [🔗](https://cloud.google.com/maps-platform/gaming/)
* **Maps URLs**: URL scheme for maps [🔗](https://developers.google.com/maps/documentation/urls/)
* **Places API**: Rest-based Places features [🔗](https://developers.google.com/places/web-service/)
* **Places Library, Maps JS API**: Places features for web [🔗](https://developers.google.com/maps/documentation/javascript/places)
* **Places SDK for Android**: Places features for Android [🔗](https://developers.google.com/places/android-sdk/)
* **Places SDK for iOS**: Places feature for iOS [🔗](https://developers.google.com/places/ios-sdk/)
* **Roads API**: Convert coordinates to roads [🔗](https://developers.google.com/maps/documentation/roads/)
* **Street View Static API**: Static street view images [🔗](https://developers.google.com/maps/documentation/streetview/)
* **Street View Service**: Street view for JavaScript [🔗](https://developers.google.com/maps/documentation/javascript/streetview/)
* **Time Zone API**: Convert coordinates to timezone [🔗](https://developers.google.com/maps/documentation/timezone/)

### [Workspace Platform](https://github.com/priyankavergadia/google-cloud-4-words#workspace-platform)

* **Admin SDK**: Manage Google Workspace resources [🔗](https://developers.google.com/admin-sdk)
* **AMP for Email**: Dynamic interactive email [🔗](https://developers.google.com/gmail)
* **Apps Script**: Extend and automate everything [🔗](https://developers.google.com/apps-script/)
* **Calendar API**: Create and manage calendars [🔗](https://developers.google.com/calendar/)
* **Classroom API**: Provision and manage classrooms [🔗](https://developers.google.com/classroom)
* **Cloud Search**: Unified search for enterprise [🔗](https://developers.google.com/cloud-search/docs/guides/)
* **Docs API**: Create and edit documents [🔗](https://developers.google.com/docs/api/)
* **Drive Activity API**: Retrieve Google Drive activity [🔗](https://developers.google.com/drive/activity/)
* **Drive API**: Read and write files [🔗](https://developers.google.com/drive/)
* **Drive Picker**: Drive file selection widget [🔗](https://developers.google.com/picker/)
* **Email Markup**: Interactive email using schema.org [🔗](https://developers.google.com/gmail/markup/)
* **Google Workspace Add-ons**: Extend Google Workspace apps [🔗](https://developers.google.com/gsuite/add-ons)
* **Google Workspace Marketplace**: Storefront for integrated applications [🔗](https://developers.google.com/gsuite/marketplace/)
* **Gmail API**: Enhance Gmail [🔗](https://developers.google.com/gmail/)
* **Google Chats API**: Conversational bots in chat [🔗](https://developers.google.com/chat)
* **People API**: Manage user's Contacts [🔗](https://developers.google.com/people/)
* **Sheets API**: Read and write spreadsheets [🔗](https://developers.google.com/sheets/api/)
* **Slides API**: Create and edit presentations [🔗](https://developers.google.com/slides/)
* **Task API**: Search, read & update Tasks [🔗](https://developers.google.com/tasks/)
* **Vault API**: Manage your organization's eDiscovery [🔗](https://developers.google.com/vault/)

### [Mobile (Firebase)](https://github.com/priyankavergadia/google-cloud-4-words#mobile-firebase)

* **Cloud Firestore**: Document store and sync [🔗](https://firebase.google.com/products/firestore/)
* **Cloud Functions for Firebase**: Event-driven serverless applications [🔗](https://firebase.google.com/products/functions/)
* **Cloud Storage for Firebase**: Object storage and serving [🔗](https://firebase.google.com/products/storage/)
* **Crashlytics**: Crash reporting and analytics [🔗](https://fabric.io/kits/android/crashlytics/summary)
* **Firebase A/B Testing**: Create A/B test experiments [🔗](https://firebase.google.com/products/ab-testing/)
* **Firebase App Distribution**: Trusted tester early access [🔗](https://firebase.google.com/products/app-distribution/)
* **Firebase Authentication**: Drop-in authentication [🔗](https://firebase.google.com/products/auth/)
* **Firebase Cloud Messaging**: Send device notifications [🔗](https://firebase.google.com/products/cloud-messaging/)
* **Firebase Dynamic Links**: Link to app content [🔗](https://firebase.google.com/products/dynamic-links/)
* **Firebase Extensions**: Pre-packaged development solutions [🔗](https://firebase.google.com/products/extensions)
* **Firebase Hosting**: Web hosting with CDN/SSL [🔗](https://firebase.google.com/products/hosting/)
* **Firebase In-App Messaging**: Send in-app contextual messages [🔗](https://firebase.google.com/products/in-app-messaging/)
* **Firebase Performance Monitoring**: App/web performance monitoring [🔗](https://firebase.google.com/products/performance/)
* **Firebase Predictions**: Predict user targeting [🔗](https://firebase.google.com/products/predictions/)
* **Firebase Realtime Database**: Real-time data synchronization [🔗](https://firebase.google.com/products/realtime-database/)
* **Firebase Remote Config**: Remotely configure installed apps [🔗](https://firebase.google.com/docs/remote-config/)
* **Firebase Test Lab**: Mobile testing device farm [🔗](https://firebase.google.com/docs/test-lab/)
* **Google Analytics for Firebase**: Mobile app analytics [🔗](https://firebase.google.com/products/analytics/)
* **ML Kit for Firebase**: ML APIs for mobile [🔗](https://firebase.google.com/products/ml-kit/)

### [Additional Resources](https://github.com/priyankavergadia/google-cloud-4-words#additional-resources)

* **Google Cloud Home Page**: [🔗](https://cloud.google.com/)
* **Google Cloud Blog**: [🔗](https://cloud.google.com/blog)
* **Google Cloud Platform Podcast**: [🔗]([https://Google](https://google/) Cloudpodcast.com/)
* **Kubernetes Podcast from Google**: [🔗](https://kubernetespodcast.com/)
* **Google Cloud Reader**: [🔗](https://podcasts.google.com/feed/aHR0cHM6Ly9mZWVkcy50cmFuc2lzdG9yLmZtL2dvb2dsZS1jbG91ZC1yZWFkZXI=)
* **Google Cloud Open Source**: [🔗](https://opensource.google/projects/list/cloud)
* **Google Cloud Medium Publication**: [🔗](https://medium.com/google-cloud)
* **Apigee Blog**: [🔗](https://apigee.com/about/blog)
* **Firebase Blog**: [🔗](https://firebase.googleblog.com/)
* **Google Workspace Developers Blog**: [🔗](https://gsuite-developers.googleblog.com/)
* **Google Workspace GitHub**: [🔗](https://github.com/gsuitedevs)
* **Google Workspace Twitter**: [🔗](https://twitter.com/gsuitedevs)
* **Google Cloud Certifications**: [🔗](https://cloud.google.com/certification)
* **Google Cloud System Status**: [🔗](https://status.cloud.google.com/)
* **Google Cloud Training**: [🔗](https://cloud.google.com/training)
* **Google Developers Blog**: [🔗](https://developers.googleblog.com/)
* **Google Maps Platform Blog**: [🔗](https://mapsplatform.googleblog.com/)
* **Google Open Source Blog**: [🔗](https://opensource.googleblog.com/)
* **Google Security Blog**: [🔗](https://security.googleblog.com/)
* **Kaggle Home Page**: [🔗](https://www.kaggle.com/)
* **Kubernetes Blog**: [🔗](https://kubernetes.io/blog)
* **Regions and Network Map**: [🔗](https://cloud.google.com/about/locations)
* **DORA - Software & Delivery Research**: [🔗](https://cloud.google.com/devops)
* **Cloud Security Podcast**: [🔗](https://cloud.withgoogle.com/cloudsecurity/podcast/)
* **Google Cloud Sketchnote**: [🔗](<https://goo.gle/Google> Cloudsketchnote)

### [Additional Resources](https://github.com/priyankavergadia/google-cloud-4-words#additional-resources-1)

* **Source for this document**: [🔗](https://4words.dev/)
* **Google Cloud Solutions Library**: [🔗](https://cloud.google.com/solutions/)
* **Google Workspace Solutions Gallery**: [🔗](https://developers.google.com/gsuite/solutions)
* **Google Cloud Support Hub**: [🔗](https://cloud.google.com/support-hub/)
* **Google Cloud Pricing**: [🔗](https://cloud.google.com/pricing/)
* **Google Cloud Pricing Calculator**: [🔗](https://cloud.google.com/products/calculator/)
* **Qwiklabs Home Page**: [🔗](https://www.qwiklabs.com/)
* **Codelabs Home Page**: [🔗](https://codelabs.developers.google.com/)
* **YouTube Channels**:
  + **Google Cloud**: [🔗](https://www.youtube.com/channel/UCTMRxtyHoE3LPcrl-kT4AQQ)
  + **Google Cloud Technical**: [🔗](https://www.youtube.com/user/googlecloudplatform)
  + **Google Workspace**: [🔗](https://www.youtube.com/user/GoogleApps)
  + **Google Developer's**: [🔗](https://www.youtube.com/user/GoogleDevelopers)
  + **Firebase**: [🔗](https://www.youtube.com/user/Firebase)
* **Reddit**:
  + **/r/googlecloud**: [🔗](https://www.reddit.com/r/googlecloud/)
  + **/r/AppEngine**: [🔗](https://www.reddit.com/r/AppEngine/)
  + **/r/bigquery**: [🔗](https://www.reddit.com/r/bigquery/)
  + **/r/dataflow**: [🔗](https://www.reddit.com/r/dataflow/)
  + **/r/firebase**: [🔗](https://www.reddit.com/r/firebase/)
  + **/r/GoogleAppsScript**: [🔗](https://www.reddit.com/r/GoogleAppsScript/)
* **Big Data / Data Analytics Product Comparisons**: [🔗](https://cloud.google.com/products/big-data)
* **Compute Product Comparisons**: [🔗](https://cloud.google.com/products/databases)
* **Database Product Comparisons**: [🔗](https://cloud.google.com/products/compute)
* **Networking Product Comparisons**: [🔗](https://cloud.google.com/products/networking)
* **Storage Product Comparisons**: [🔗](https://cloud.google.com/products/storage)

### [Google Cloud Foundational Open Source Projects](https://github.com/priyankavergadia/google-cloud-4-words#google-cloud-foundational-open-source-projects)

* **Apache Beam**: Batch/streaming data processing [🔗](https://beam.apache.org/)
* **Go**: High Concurrency Programming Language [🔗](https://golang.org/)
* **gRPC**: RPC framework [🔗](https://grpc.io/)
* **gVisor**: Secure container runtime [🔗](https://github.com/google/gvisor)
* **Istio**: Connect and secure services [🔗](https://istio.io/)
* **Knative**: Serverless framework for Kubernetes [🔗](https://github.com/knative)
* **Kubeflow**: ML toolkit for Kubernetes [🔗](https://www.kubeflow.org/)
* **Kubernetes**: Management of containerized applications [🔗](https://kubernetes.io/)
* **OpenCensus**: Cloud native observability framework [🔗](https://opencensus.io/)
* **TensorFlow**: ML framework [🔗](https://www.tensorflow.org/)

### [Platform Comparisons](https://github.com/priyankavergadia/google-cloud-4-words#platform-comparisons)

* **Google Cloud Platform for AWS Professionals**: [📄](https://cloud.google.com/docs/compare/aws/)
* **Google Cloud Platform for Azure Professionals**: [📄](https://cloud.google.com/docs/compare/azure/)
* **Google Cloud Platform for Data Center Professionals**: [📄](https://cloud.google.com/docs/compare/data-centers/)
* **Google Cloud Platform for OpenStack Users**: [📄](https://cloud.google.com/docs/compare/openstack/)