



Certificate

This is to certify that

Google LLC, Europe cloud region, Europe

has participated in the GSM Association Security Accreditation Scheme for Subscription Management (SAS-SM) and satisfied the scheme's requirements.

This certificate remains valid until the end of June 2024*.

Alex Sinclair Chief Technology Officer GSMA





GSMA Security Accreditation Scheme



Scope of Certification

To be viewed as part of Security Accreditation Scheme Certificate No: GE-EU-SM-0624

Production Site: Google LLC

Google LLC data centres listed on page 3. Site Address:

Type: Headquarters. Google LLC, Googleplex, 1600 Amphitheatre Parkway, Mountain View, California, 94043,

Supporting site(s) details: USA. Expiry date: June 2024

The auditors were provided with appropriate evidence that the processes and controls on the audit dates were consistent with those required by the SAS-SM Standard v3.1 and the SAS Consolidated Security Requirements and Guidelines v9.2, with the following scope:

Subscription Management – Data Preparation: Out of scope **Subscription Management – Secure Routing:** Out of scope

Data Centre Operations and Management Within audit scope for cloud hosting **Subscription Management – Data Preparation+ (ref. SGP.22):** Out of scope

Subscription Management - Discovery Service Out of scope

Notes & Exclusions:

This certification (for Data Centre Operations and Management) excludes any management of SM applications or SM application data.

This audit used a data centre and service sampling approach. The audit team is satisfied that this approach has provided sufficient assurance of the cloud region's compliance with

the SAS requirements.

Due to the Covid-19 pandemic travel restrictions, part of the audit was performed remotely in accordance with the GSMA SAS Covid-19 Audit and Certification Policy. This did not impact the ability of the auditors to assess the full scope of compliance.

For and on behalf of NCC Group

(Kent Quinlan)

For and on behalf of SRC GmbH

(Tom Schubert)

SAS certification is awarded based on an assessment by the audit team that the site met the requirements of the SAS Standard during the audit, and that it demonstrated an ability and intent to sustain compliance during the certification period. Continued site compliance with the SAS Standard during the certification period, including the implementation of SAS-compliant controls following any changes to the certified environment, is the responsibility of the site. This certificate cannot guarantee that the above organisation is invulnerable to attack or breaches of security. GSMA, NCC Group and SRC GmbH exclude all liability for loss or damage of any description caused by any failure or breach of the above organisation's security save as may be required by law.



Security Accreditation Scheme



Google LLC data centres included within the scope of certificate GE-EU-SM-0624:

Berlin, Germany			
Dublin, Ireland			
Eemshaven, Groningen, the Netherlands			
Eemshaven, Groningen, the Netherlands GRQ23			
Frankfurt (1), Hesse, Germany			
Frankfurt (2), Hesse, Germany			
Frankfurt (3), Hesse, Germany			
Frankfurt (4), Hesse, Germany			

Frankfurt (5), Hesse, Germany				
Frankfurt (6), Hesse, Germany				
Frankfurt (7), Hesse, Germany				
Frankfurt (8), Hesse, Germany				
Frankfurt (9), Hesse, Germany				
Frankfurt, Germany FRA56				
Ghlin, Hainaut, Belgium				
Hamina, Finland				

Madrid (3), Spain				
Middenmeer,				
Noord-Holland, the Netherlands				
Milan (1), Italy				
Milan (2), Italy				
Milan (3), Italy				
Paris (1), France				
Paris (2), France				
Paris (3), France				

Turin (1), Italy				
Turin (2), Italy				
Turin (3), Italy				
Warsaw (1), Poland				
Warsaw (2), Poland				
Zurich (1), Switzerland				
Zurich (2), Switzerland				



Security Accreditation Scheme



Google LLC services included within the scope of certificate GE-EU-SM-0624:

Access Approval	BeyondCorp Enterprise	Cloud Identity	Cloud Translation	Game Servers	reCAPTCHA Enterprise
Access Context Manager	BigQuery	Cloud IDS (Cloud Intrusion Detection System)	Cloud Vision	GCP Marketplace	Recommender
Access Transparency	BigQuery Data Transfer Service	Cloud Interconnect	Cloud VPN	Google Cloud Armor	Resource Manager API
Al Platform Data Labeling	Binary Authorization	Cloud Key Management Service	Cloud Workstations	Google Cloud Deploy	Risk Manager
Al Platform Neural Architecture Search (NAS)	Binary Authorization - Software	Cloud Life Sciences (formerly Google Genomics)	Compute Engine	Google Cloud Identity-Aware Proxy	Secret Manager
Al Platform Training and Prediction	Certificate Authority Service	Cloud Load Balancing	Connect	Google Cloud SDK	Security Command Center
AlloyDB	Cloud Asset Inventory	Cloud Logging	Connect - Software	Google Cloud Storage	Service Directory
Anthos Clusters on VMware	Cloud Bigtable	Cloud Logging - Software	Contact Center AI (CCAI)	Google Earth Engine	Service Infrastructure
Anthos Config Management	Cloud Billing	Cloud Monitoring	Contact Center AI (CCAI) Platform	Google Kubernetes Engine	Spectrum Access System
Anthos Config Management - Software	Cloud Build	Cloud Monitoring - Software	Contact Center AI Insights	Hosted Private HSM (BYO HSM)	Speech-to-Text
Anthos Identity Service	Cloud CDN	Cloud NAT (Network Address Translation)	Container Registry	Hub	Storage Transfer Service
Anthos Identity Service - Software	Cloud Composer	Cloud Natural Language API	Data Catalog	Identity & Access Management (IAM)	Tables
Anthos Service Mesh	Cloud Console	Cloud Profiler	Database Migration Service	Identity Platform	Talent Solution
Anthos Service Mesh - Software	Cloud Console App	Cloud Router	Dataflow	IoT Core	Text-to-Speech
Anti-Money Laundering Al	Cloud Data Fusion	Cloud Run	Dataform	Key Access Justifications (KAJ)	Traffic Director
API Gateway	Cloud Data Loss Prevention	Cloud Run for Anthos	Dataplex	Looker Studio	Transcoder API
Apigee	Cloud Debugger	Cloud Run for Anthos - Software	Dataproc	Managed Service for Microsoft Active Directory (AD)	Transfer Appliance
App Engine	Cloud Deployment Manager	Cloud Scheduler	Datastore	Media CDN	Vertex Al
Artifact Registry	Cloud DNS	Cloud Shell	Datastream	Memorystore	Video Intelligence API
Assured Workloads	Cloud Endpoints	Cloud Source Repositories	Dialogflow	Migrate for Compute Engine	Virtual Private Cloud
AutoML Natural Language	Cloud External Key Manager (Cloud EKM)	Cloud Spanner	Document Al	Migrate to Containers	VirusTotal
AutoML Tables	Cloud Filestore	Cloud Speaker ID	Document Al Warehouse	Network Connectivity Center	VPC Service Controls
AutoML Translation	Cloud Functions	Cloud SQL	Eventarc	Network Intelligence Center	Web Risk API
AutoML Video	Cloud Functions for Firebase	Cloud Storage for Firebase	Firebase Authentication	Network Service Tiers	Workflows
AutoML Vision	Cloud Healthcare	Cloud Tasks	Firebase Test Lab	Persistent Disk	
Batch	Cloud HSM	Cloud Trace	Firestore	Pub/Sub	