Security Foundation solution

Overview

Security Foundation is an enterprise solution that includes Google Cloud recommended products and security capabilities to help achieve a strong security posture and protections for the Google cloud environment.

Products

Identity & Security	Network Security	Compute Management
○ **Security Command Center Premium** *A native security and risk management platform for Google Cloud* ○ **Cloud DLP** *A fully managed service to help discover, classify, and protect your most sensitive data* ○ **Cloud Identity Premium** *A unified identity, access, app, and endpoint management (IAM/EMM) platform.* ○ **Cloud Logging** *A fully managed, real-time log management with storage, search, analysis and alerting at exabyte scale* ○ **Identity Platform** *Provides Identity and access management functionality on Google Cloud* ○ **Cloud KMS** *Manage encryption keys on Google Cloud*	● **Cloud Firewalls (Hierarchical firewall rules)** *Protect your resources with flexible firewall rules & policies* ● **VPC Flow Logs** *Network monitoring logs from VM instances and GKEs* ● **Cloud Load Balancing** *High performance, scalable load balancing on Google Cloud* ● **Cloud IDS** *Cloud-native network threat detection* ● **Cloud Armor** *Security policies and defense against denial of DDoS and web attacks* ● **Cloud Certificate Manager** *Acquire and manage TLS (SSL) certificates for use with Cloud Load Balancing*	● **VM Manager** *Suite of tools that can be used to manage operating systems for large virtual machine (VM) fleets running Windows and Linux on Compute Engine.* ● **Artifact Registry** *Manage container images and language packages* ● **Container Analysis** *Perform vulnerability scans on container images*

Google Cloud

○ **Secret Manager** *Store API keys, passwords, certificates, and other sensitive data* ○ **Binary Authorization** *Ensures trusted container images are deployed on GKE or Cloud Run*		