



Security Foundation solution on Google Cloud

Ensure continuity and protect your business against adverse cyber events by using our comprehensive suite of security and resilience solutions.

Comprehensive coverage

Google Cloud's Security and Resilience Framework aligns security capabilities to the National Institute of Standards and Technology (NIST) Cybersecurity Framework.

Trust the leader in Security

For over 20 years, Google has been operating securely in the Cloud, using our modern technology stack to provide a more defensible environment that we can protect at scale.

Risk informed approach

A risk informed approach helps you address the most important security risks, rather than a risk avoidance approach that addresses risks you already know how to mitigate.

Cost mitigation

Organizations save an average of \$3.6M¹ in total cost per data breach with fully deployed security automation

Security Foundation solution

StratoZone assessment and critical asset discovery

Identify a customer's critical assets, assess risk exposure, and create a migration and resilience plan to fortify defenses along the cloud journey.

Risk and Compliance as Code (RCaC)

Security and compliance leaders leverage RCaC solution to modernize their governance and compliance functions while reducing the risk to the organization..

Zero Trust and Secure Collaboration

This solution leverages Google's BeyondCorp Enterprise, ChromeOS, and Google Workspace to bring zero trust architectures to customer workloads, workforce, and workplaces, wherever they may be.

Autonomic Security Operations (ASO)

Exceptional threat management delivered through a modern, Google Cloud-native stack. Deep integrations with third-party tools and a powerful engine to create connective tissue and stitch your security defenses together.

Cyber Recovery Solution

Time is of the essence when a ransomware attack hits. This solution provides rapid recovery and ensures protection of backups against lateral contamination using Actifio.

¹ Source: DarkReading, [Average Cost of a Data Breach in 2020](#)

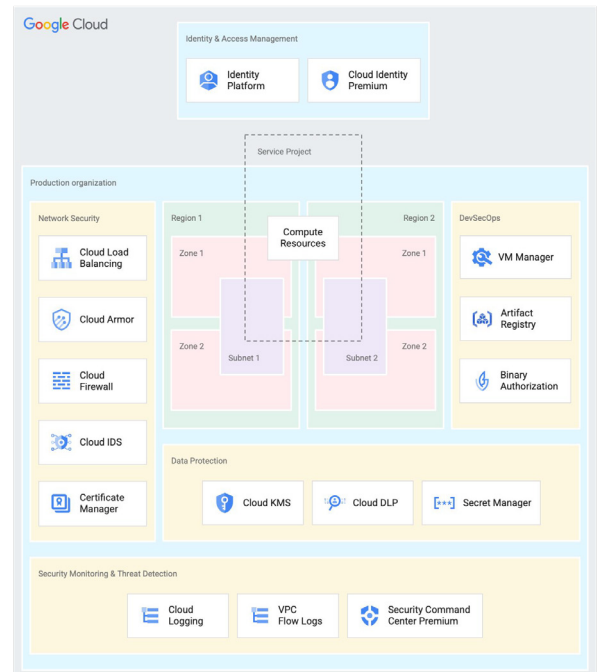
Security Foundation solution

Accelerate your on ramp to Google's Security capabilities

Simplifying the path to security adoption with Google Cloud

- An **enterprise security solution** to address identity & access management, network security, DevSecOps, data protection, security monitoring, and much more.
- Making it easy for organizations to enable security and **lowers the adoption cost with a single solution package**
- Prescriptive guidance with packaged products and is **aligned to Google Cloud security best practices** [Security Foundations Guide](#)
- Covers all **standard cloud adoption use cases** for tangible risk reduction (shown below)

Security Foundation components



Cloud Adoption use case	Protected assets	Security Foundation products	Security value proposition
All	All	<ul style="list-style-type: none"> • Security Command Center Premium • Cloud Logging 	Cloud wide posture management
Infrastructure Modernization	Compute Engine	<ul style="list-style-type: none"> • VM Manager • Cloud KMS • Secret Manager • Firewall rules • Hierarchical firewall policy • VPC Flow Logs 	Vulnerability prevention and risk mitigation
App Modernization	Google Kubernetes Engine (GKE), Anthos	<ul style="list-style-type: none"> • Binary Authorization • Artifact Registry • Secret Manager • Firewall rules • Hierarchical firewall policy 	Supply chain protection
Data Analytics/Data Platform Modernization	BigQuery, Dataflow, Dataproc, Pub/Sub	<ul style="list-style-type: none"> • Cloud KMS • Cloud DLP 	Data security
Public/Private web hosting	Compute Engine, GKE, Anthos, Cloud Run, Cloud Functions	<ul style="list-style-type: none"> • Cloud Armor • Firewall rules • Hierarchical firewall policy • Identity Platform • VPC Flow Logs 	Web protection
Highly regulated workloads/data and processing	Data, compute, serverless	<ul style="list-style-type: none"> • Cloud HSM • Cloud IDS 	Compliance
SAP on Google Cloud	Compute Engine/Cloud Storage	<ul style="list-style-type: none"> • Cloud KMS • Secret Manager • Firewall • Hierarchical firewall policy 	Risk mitigation for IP, business processes

Security Command Center Premium + Logging (all use cases)