

SOLUTION BRIEF

Gain Exceptional Access Security and Data Protection with FortiSASE on Google Cloud

Executive Summary

The rapid evolution of technology and expansion of the digital landscape continue to transform the way organizations operate. With the rise of cloud computing, the hybrid workforce, and mobile devices, traditional network security approaches are no longer adequate. To address these challenges, organizations require a comprehensive solution that can provide secure access to applications and data from anywhere, at any time, without compromising performance or user experience.

FortiSASE, part of the Fortinet Unified SASE solution, is a security service edge offering that combines networking and security functions into a unified cloud-based service. By converging wide area networking (WAN) capabilities with security services, FortiSASE enables organizations to securely connect users and devices to applications, regardless of location.

Available on Google Cloud through its advanced or comprehensive licensing bundle, FortiSASE leverages Google Cloud's infrastructure and services to deliver a robust SASE solution that meets the security and networking requirements of today's fast-paced organizations. The remainder of this solution brief delves into the unique features and benefits of the Advanced or Comprehensive version of FortiSASE on Google Cloud.



Customers demand simplified security architectures that reduce complexity and strengthen protection.

A Global Cloud Infrastructure Well-Positioned for Hosting a Robust SASE

As organizations embrace digital transformation initiatives and adopt cloud-based applications and services, the traditional perimeter-based security model is no longer sufficient to protect against modern threats. Users are no longer confined to the corporate network, and applications are hosted across various environments, including public clouds, private data centers, and Software-as-a-Service (SaaS) platforms.

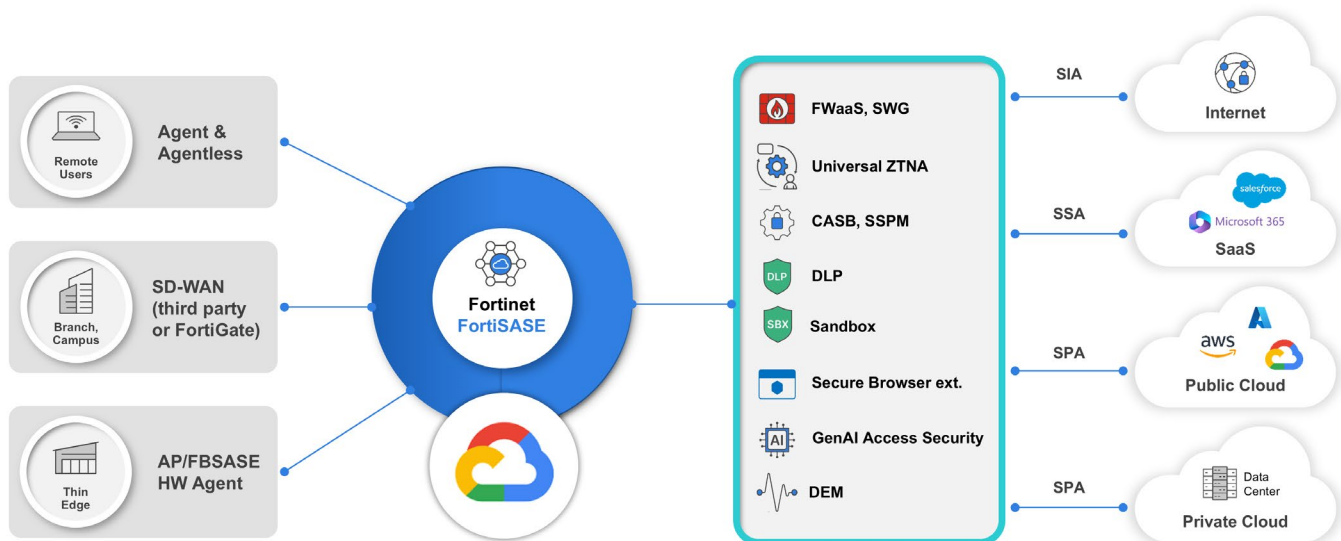


Figure 1: FortiSASE on the Google Cloud network

With its global infrastructure, advanced networking capabilities, and comprehensive security services, Google Cloud is well-positioned to host a robust SASE solution. By leveraging Google Cloud's network and the FortiSASE Advanced or Comprehensive bundle, organizations can achieve secure connectivity, seamless user experience, and enhanced visibility and control over their network traffic.

Key Benefits of FortiSASE on the Google Cloud Network

FortiSASE is an innovative approach to network security. By consolidating networking and security functions into a unified cloud-native platform, FortiSASE on Google Cloud delivers a more scalable, flexible, and cost-effective approach to securing modern IT environments. The key benefits of FortiSASE on the Google Cloud network include:

Scalability

Google Cloud's global network infrastructure provides the scalability needed to support the dynamic nature of modern business operations. With FortiSASE on Google Cloud, organizations can easily scale their network and security capabilities as demand fluctuates, ensuring optimal performance and reliability. In addition, its ability to adapt to changing business requirements ensures that organizations maintain a consistent security posture regardless of size, industry, or geographic footprint.

Flexibility

FortiSASE on Google Cloud offers flexibility in deployment locations. With 100+ locations around the world, all the regions where organizations do business are covered.

Cost-efficiency

By consolidating networking and security functions into a unified cloud-based service, FortiSASE on Google Cloud can help organizations reduce operational costs associated with managing disparate networking and security solutions.

Enhanced security

By integrating Google Cloud's robust, high-performance architecture with FortiSASE security capabilities, organizations can mitigate security risks and meet compliance with industry regulations.

Improved user experience

With FortiSASE on Google Cloud, users can securely access applications and data from any location, using any device, without compromising performance or user experience. Google Cloud's global network infrastructure ensures low latency and high availability, providing users with a seamless and responsive connectivity experience.

Key Architectural Components

The architecture includes secure access, a secure web gateway (SWG), and other security controls, as well as networking services, management, and orchestration. It typically consists of the following components:

Secure edge

The secure edge serves as the entry point to the SASE architecture, providing secure access to applications and data hosted on Google Cloud and other environments. It includes functions such as SWGs, Firewall-as-a-Service, cloud access security brokers, and zero-trust network access capabilities.



We are combining the power of FortiSASE and the Fortinet Security Fabric with Google Cloud's security capabilities to converge networking and security across environments. This approach gives SecOps and NetOps shared visibility and coordinated controls, helping teams eliminate tool sprawl, streamline operations, and accelerate secure digital transformation.

Google Cloud

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Networking services

Google Cloud's networking services, including Virtual Private Cloud, Cloud Interconnect, and Global Load Balancing, form the backbone of the SASE architecture. These services enable organizations to establish secure and reliable connections between users, devices, and applications, regardless of location.

Management and orchestration

Centralized management and orchestration tools enable organizations to configure, monitor, and manage their FortiSASE deployments on Google Cloud. These tools provide visibility into network traffic, security events, and user activities, allowing organizations to monitor and enforce security policies effectively.

Fortinet Solutions Validated to Interoperate with Google Unified Security Recommended

To further strengthen cloud security and interoperability, Google Cloud has introduced the Google Unified Security Recommended Program. A curated ecosystem of market-leading security solutions is deeply integrated with Google Unified Security. This program ensures customers can confidently select solutions that work seamlessly with Google Cloud's converged security stack and deliver measurable security outcomes.

Fortinet is recognized as an inaugural Google Unified Security recommended partner, with FortiSASE and FortiGate Next-Generation Firewall validated to interoperate across Google Unified Security services. Key capabilities across the Fortinet platform include:

- **Unified policy and visibility:** FortiManager integrates with Google Security Operations and provides shared analytics and faster incident response.
- **AI-driven threat protection:** FortiGuard Labs, combined with Google Threat Intelligence via Google Security Operations, provides continuous detection and remediation.
- **Seamless user experience:** Powered by integrated ZTNA and Secure SD-WAN, Fortinet solutions make experiences safe, simple, and consistent for users across office, home, and mobile environments.
- **Cloud-native reliability and elasticity:** By running FortiSASE as a managed service on Google Cloud's resilient infrastructure, organizations receive superior dependability and flexibility.

Fortinet's designation as a Google Unified Security recommended partner reflects our commitment to interoperability, joint innovation, strong technical integration, a shared customer-first support model, and our customers' success. FortiSASE enables distributed organizations to achieve consistent protection and secure access anywhere, while Google Unified Security provides the automation, analytics, and AI needed to operationalize security at scale.

A Scalable, Future-Proof Network Security Approach = An Exceptional Solution for Modern IT Environments

As organizations evolve and adapt to changing business requirements, FortiSASE offers a scalable, future-proof approach to network security, enabling them to securely connect users, devices, and applications from anywhere, at any time. With scalability, flexibility, cost-efficiency, enhanced security, and improved user experience, FortiSASE on the Google Cloud network provides an exceptional solution for securing modern IT environments.

FortiSASE is available in Google Cloud [Marketplace](#) (login credentials required) for all Google Cloud customers.

Read the [Google Unified Security \(GUS\) Recommended Announcement](#).

Learn more about [FortiSASE](#) and [Fortinet Unified SASE](#).



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