

Intro to SASE

Gartner's Secure Access Service Edge (SASE) model is recognized as the next evolution of SD-WAN. But what is SASE and how is it a new way to address the needs of both the network and security? Here are five simple lessons for understanding SASE.

SASE defined

“ SASE combines network security functions with WAN capabilities to support the dynamic secure access needs of organizations. SASE capabilities are delivered as a service.

Source: Gartner “Hype Cycle for Enterprise Networking, 2019”

91%

of IT professionals are interested in SASE solutions



40%

of enterprises will have strategies to adopt SASE by 2024



5

Core capabilities of SASE

SD-WAN Service

Secure Web Gateway

Firewall as a Service

Cloud Access Security Broker

Zero Trust Network Access

4

Primary tenets of SASE

Cloud based

SASE solutions are delivered as a service, helping enterprises transition from hardware to software.

Globally distributed

SASE offerings cater to companies doing business across multiple regions or countries.

Identity focused

User identities and individual devices (not the data center) are the focus for SASE.

Edge flexible

SASE services place emphasis on flexibility and security at the edge.

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Ways to differentiate SASE solutions

Core Capabilities

Explore how solutions deliver on SASE's five core capabilities, discovering which technologies and services are also the provider's core competencies.

Tech Stack

Understand how the tech stack was compiled, learning if the provider produces all technologies themselves or if they partner with other tech providers.

Platform Architecture

Learn about the platform, exploring how it creates a unified operating system for interoperability with analytics in one dashboard.

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SASE strategies

Cloud-native SASE

This approach follows Gartner's definition more strictly, taking a cloud-only strategy with SASE. The only on-premises infrastructure is the SD-WAN lightweight hardware device—everything else is cloud-deployed.

Cloud-managed SASE

This approach uses SASE as a general guideline, letting business needs dictate whether to use functions on-premise or in the cloud. The benefits of cloud-managed appliances are viewed as outweighing any cloud-native limitations.

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One cloud service from a single provider

Above all else, SASE advocates for WAN services and security functions all in one cloud-based service from a single provider.

Masergy's SASE architecture

