Key Trends in Decentralized Network Security

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Why it's time for a new way to approach network security

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Today's enterprise networks are becoming increasingly decentralized.

THE OLD WAY

- Most work performed on premises
- Workloads and apps run in the data center
- Employees use IT-managed devices
- Sensitive data housed in the data center
- User traffic run through the data center
- Security policies patchworked to meet new app and remote access demand

THE NEW WAY

- More work performed off premises
- Workloads and apps run in hybrid and multi-cloud environments
- Employees work on managed and unmanaged devices
- Sensitive data stored in cloud services
- More user traffic in the public cloud and on the network edge
- A need for context-based, centrally managed security policies

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45%
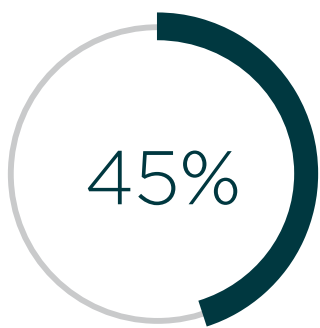
Fewer than half of IT leaders are confident they know how many SaaS applications are in use at their company[1]

<5%

Cloud services under IT governance[2]

83%
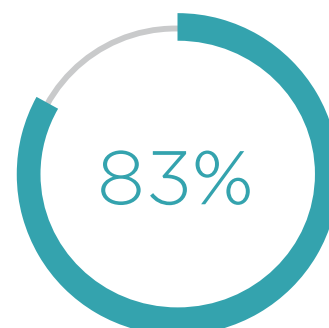
Enterprise workloads estimated to be in the cloud by 2020[3]
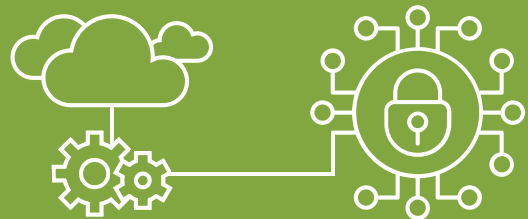

CENTRALIZED SECURITY IN A DECENTRALIZED WORLD

With more users, devices, applications, services, and data increasingly located outside the enterprise, businesses require **zero-trust, centralized security** in a **decentralized world.**

2/3

Companies that see **security** as the biggest challenge of cloud adoption[4]

THE FUTURE IS SASE

As defined by Gartner, **Secure Access Service Edge** (SASE, pronounced "sassy") is an emerging, primarily cloud-based offering that combines **comprehensive WAN services with comprehensive network security services** to support the dynamic secure access needs of digital enterprises.[5]

SASE ON THE RISE

20%
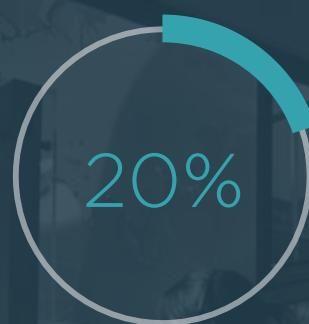
Enterprises that will have adopted SWG, CASB, ZTNA, and FWaaS capabilities from a single vendor by 2023, up from <5% in 2019.[6]

40%

Enterprises that will have explicit SASE adoption strategies in 2024, up from <1% at year-end 2018.[7]

GAIN CONTROL OF YOUR NETWORK

Endpoint identities — users, devices, branch offices, IoT devices, etc. — are the new basis for secure access policies, not the data center. SASE offers policy-based, software-defined, secure access across an infinitely tailored network fabric.

The security perimeter is wherever the enterprise needs it to be, while latency issues disappear.

To learn more about SASE and the future of network management and security, download the free Gartner report, *Competitive Landscape: Managed SD-WAN Services.*

DOWNLOAD THE FREE REPORT

[1]Pulse Q&A, *Research Report: SaaS Application Management*, March 2019
[2]Netskope, *Cloud Report*
[3,4]Logic Monitor, *83% of Enterprise Workloads Will Be in the Cloud by 2020*, January 8, 2018
[5-7]Gartner, *The Future of Network Security Is in the Cloud*, August 30, 2019

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WE'RE IN THIS TRANSFORMATION TOGETHER.

Open Systems is a leading provider of a cloud-delivered secure access service edge (SASE) platform, provided as a service, that transforms traditional networks into secure, simple-to-manage and cost-effective networks that quickly adapt to the speed of digital business. Managed by world-class experts, the Open Systems platform couples the simplicity, security and performance with the visibility, flexibility and control enterprises absolutely need in their networks.

To learn more, visit **open-systems.com**