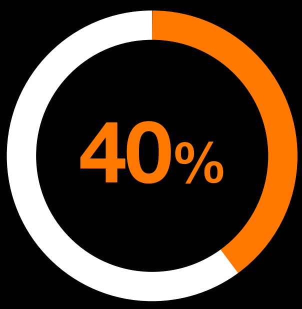
Orange
Cyberdefense

A SASE adoption strategy



Gartner anticipates that 40% of companies will have a SASE strategy by 2024, but there's a long journey between strategy and reality. Companies should begin preparing now for an architectural and cultural change as broad as SASE.

Indeed, many of them have little choice because the pandemic has forced their hand; they already have to embrace some elements of SASE, such as zero-trust network access in response to the need for remote working. Here are some to-do items for your adoption roadmap.

1 Make the business case

Begin by making the case for SASE among key decision-makers. This involves both a long-term strategic case along with smaller, more immediate proposals as part of an incremental deployment.

2 Build synergy between security and network teams

Security and network teams often live in silos, but when designing and deploying the SASE model, they can't talk often enough. Begin to build synergy between these groups as early as possible to smooth integration work further along the road.

3 Assess the operational and organizational impact on networks and security

When drawing up a long-term architectural proposal for SASE, design teams must consider the operational impact on their systems.

4 Begin the SD-WAN transformation

SASE needs a software-defined networking platform for the deployment of edge cloud-based services. This involves moving to an SD-WAN architecture, including the transition from MPLS to internet connections. It is crucial to tackle this stage with software-defined network security services in mind, including a remote access solution in the SD-WAN fabric at an early stage to guarantee consistent security for remote workers.

5 Migrate legacy data center cybersecurity services to the cloud

With an SD-WAN solution in place, it's time to plan the move from legacy on-premises security services to cloud-enabled POPs running on the software-defined network. This means transitioning to a cloud security provider.

6 Move security posture and design to zero-trust network access

You should make the migration to cloud-based security services with zero-trust network access in mind. This includes planning for identity-based access to all applications. Build out components including identity and access management and identity lifecycle management frameworks that will support the move to identity-based access. Now is also a good point to consider complementary technologies like multi-factor authentication and device-based network access control to protect managed mobile devices accessing corporate applications.

7 Develop an automation framework

With a software-defined network security fabric in place, you will be well-positioned to drive new efficiencies into your security infrastructure using automation. Invest in creating and refining a software-defined network and security control plane that will form the basis of a robust and adaptive security operation.

8 Take an intelligence-led approach

Having defined the framework, it is crucial to support it with the appropriate cybersecurity threat intelligence and operations. Attackers don't stand still. Neither should your SASE security fabric.

Our intelligence-led SASE approach

Adaptive to your business in the face of the threat landscape

- **Monitor infrastructure to detect incidents and remediate cyberattacks**
- **Build and design a reliable and consistent experience**
- **Strengthen network security between users, applications and data from every location**

Orange Cyberdefense offers a SASE approach based on our intelligence backbone. This is an end-to-end cybersecurity intelligence mechanism that combines our in-house R&D and operational data with external data from dozens of constantly updated threat databases and input from law enforcement. We can infuse your SASE-based security framework with this intelligence to offer a service-based security discipline customized to your needs that will adapt your defenses to emerging threats.

Discover how the Orange Cyberdefense SASE approach can help address your business transformation

https://orangecyberdefense.com/global/solutions/sase-secure-access-service-edge/

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