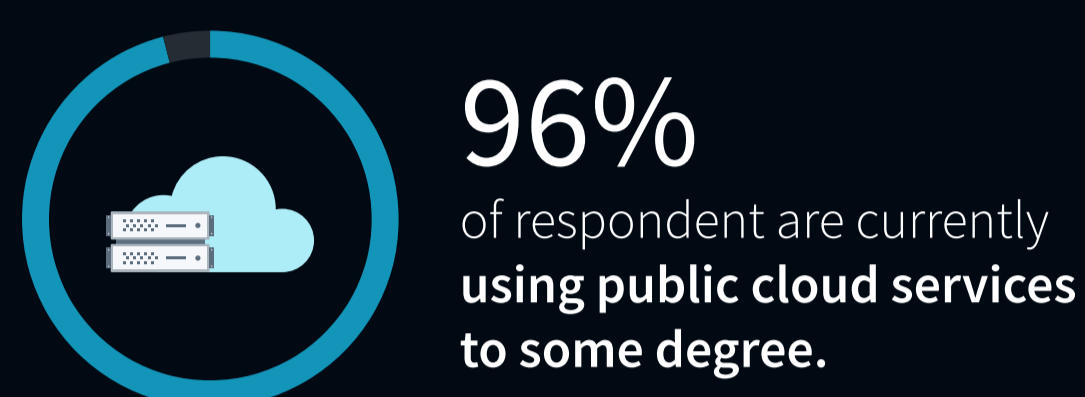# Juniper: Your Gateway to Secure Connectivity

The worlds of networking and security are rapidly converging to accommodate highly distributed application, infrastructure, and employee environments. Organizations can lead with security or networking or take a converged approach from the start. Juniper's tightly integrated SASE solutions can bring these worlds together to drive operational efficiencies and ensure enhanced experiences.

Highly Complex and Distributed Environments Create Risk and Performance Issues.

Organizations have rapidly evolved their application environment to distribute applications across data centers, multiple public clouds, and edge locations. Hybrid work ensures a distributed workforce. IT teams need to deliver highly performant and secure connectivity to all applications, regardless of where the application or user is located. Unfortunately, that has become increasingly difficult in this complex and distributed environment. Legacy solutions impact performance and hinder agility. Especially when network and security teams have varying degrees of integration.
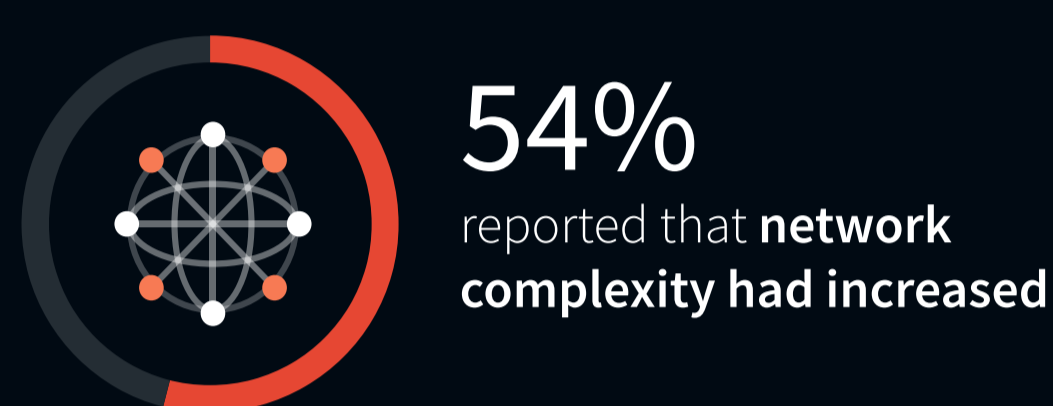
» USE OF CLOUD-BASED APPLICATIONS

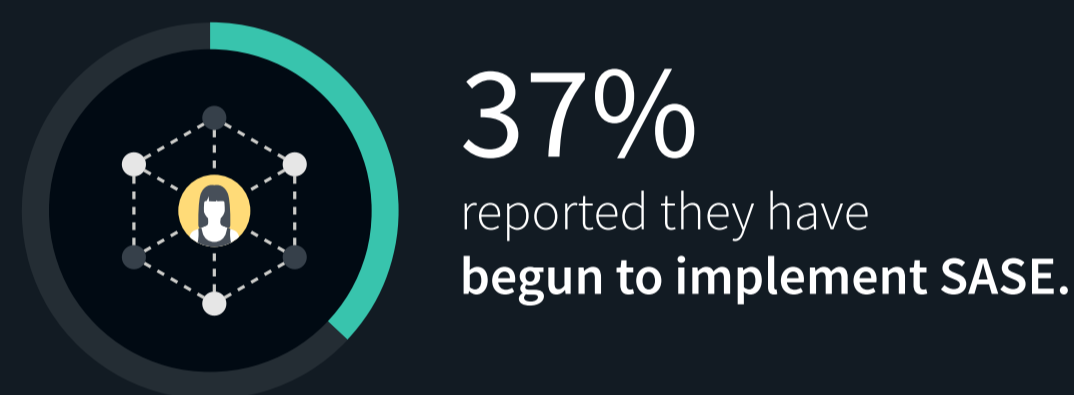**96%** of respondent are currently **using public cloud services to some degree.**

» THE SHIFT TO HYBRID WORK

62% of respondents say their organization's **employees will be working fully remotely or in a hybrid manner 24 months from now.**

» DISTRIBUTED ENVIRONMENTS CREATE COMPLEXITY

54% reported that **network complexity had increased**

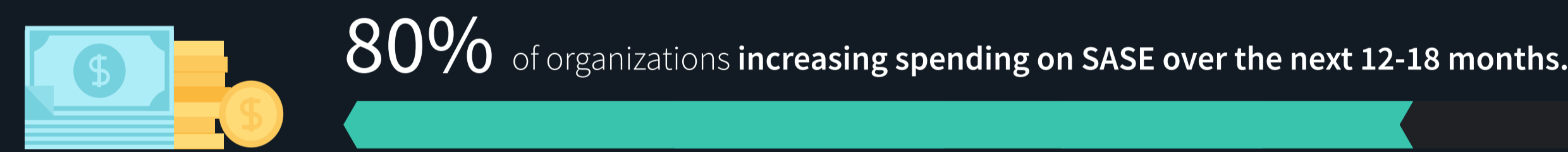**64%** reported that **network security was more difficult.**

SASE Enables Secure Connectivity: SD-WAN Is a Great Starting Point

To deliver secure connectivity in these highly distributed and complex environments, organizations are starting to build out and increase spending on secure access service edge (SASE) frameworks. These frameworks incorporate both network and security functions, and, given the requirement for direct internet access, SD-WAN is being adopted at a rapid pace. However, given the increased focus on operational efficiency, organizations should consider working with a vendor that can deliver both networking and security.

» SASE ADOPTION IS GAINING SIGNIFICANT TRACTION

37% reported they have **begun to implement SASE.**

41% are actively planning for SASE and will **implement it in the next 12-24 months.**

» NO SIGN OF SLOWING

80% of organizations **increasing spending on SASE over the next 12-18 months.**

### » WHAT ARE THESE ORGANIZATIONS SPENDING ON?

According to ESG research the top three SASE technologies deployed are ZTNA, DLP, and SD-WAN. However, there can be many different paths to SASE, with some organizations taking a networking-first approach, and 33% of those organizations using SD-WAN.

33% of organizations taking a networking-first approach **are using SD-WAN.**

Intelligent Solutions Will Be Required

Given the distributed nature and volume of data that will be collected from the network and security tools, solutions will benefit from end-to-end visibility and AI/ML technology to quickly correlate all of that data and deliver actionable information. This is especially true for SD-WAN environments. ESG research highlights that 94% of organizations believe it is important, very important, or critical to have AI/ML technology driving automation in their SD-WAN environment. And virtually all organizations (99%) believe end-to-end visibility will be very important. SD-WAN can provide that visibility in a highly distributed environment.

» SOLUTIONS WILL BENEFIT

94% of organizations believe it is important, very important, or critical **to have AI/ML technology driving automation in their SD-WAN environment.**

99% **believe end-to-end visibility will be very important.**
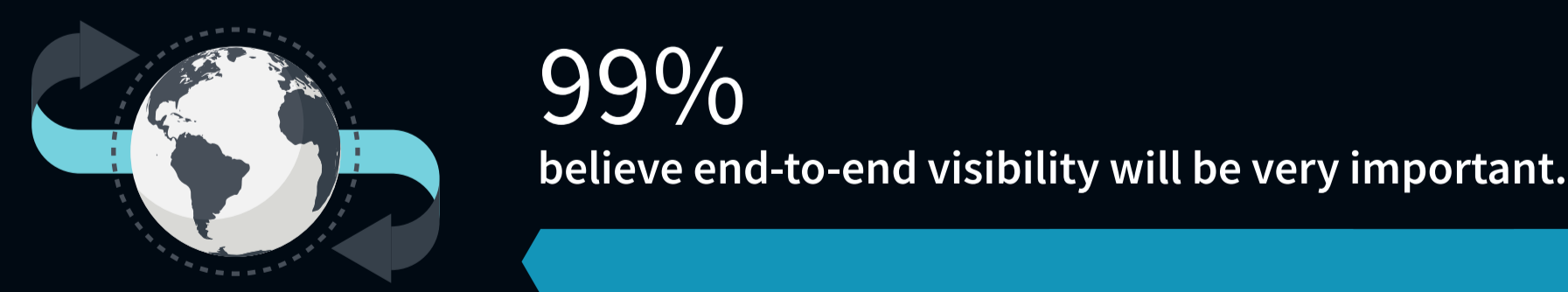
The Bigger Truth

SASE is a rapidly emerging space. The framework was created to clarify the tools/functions required to deliver secure connectivity in a highly distributed environment. Organizations need to start developing their strategy for implementing SASE. Will it be network-led? Security-led? Or perhaps converged from the start? Will it be cloud-based or on-premises? The key to a successful SASE deployment is understanding that it doesn't have to be all or nothing. Organizations can take a hybrid approach, with technology deployed on-premises and in the cloud. Working with a vendor that has both network and security solutions, like Juniper, can ensure a comprehensive approach that leverages AI/ML technology to drive automation and operational efficiencies. In fact, almost half of organizations (45%) reported that they are looking to work with managed service providers to manage SASE solutions.

GET STARTED

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