Juniper: Your Gateway to Secure Connectivity

The world of networking and security is rapidly converging to accommodate highly distributed applications, environments, and employee workstyles. Organisations need to see the network as an integral part of their digital transformation strategy, with policies that are consistent and evergreen across all environments. They need to be prepared to take a converged approach from the start. Juniper’s highly integral SASE solutions are built from the ground upwards 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. This has resulted in higher complexity, increased risk, and a challenge for visibility. Legacy security devices do not scale or perform well in distributed environments, regardless of whether the application is on-prem or cloud. Unfortunately, that has led to an increasing difficulty in this complex and distributed environment. Legacy solutions are hard to manage and only offer a partial solution. Secure access service edge (SASE) frameworks are built expressly to solve these challenges, drive operational efficiencies, and ensure enhanced experiences.

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

Continuous research conducted by the highly distributed and complex environments, organizations are rethinking how to best and increasingly spending on secure access service edge (SASE) frameworks. These frameworks incorporate both network and security functions, and give enterprises the flexibility to address the unique challenges of the modern infrastructure. Juniper’s SASE solution is designed to offer a holistic solution for enterprises. High end-to-end visibility, security, and operational efficiencies are required to deliver the best experience. Juniper’s approach to SASE is based on SD-WAN, which provides the foundation for secure access service edge (SASE) frameworks.

The shift to mixed work

In fact, almost half of organizations (45%) reported that they are looking to work with managed service providers to manage SASE solutions. Security solutions, like Juniper, can ensure a comprehensive approach that leverages AI/ML technology to drive automation and operational efficiencies.

Solutions Will Benefit

- Improved visibility to drive operational efficiencies and ensure enhanced experiences.
- 99% believe end-to-end visibility will be very important.
- 94% believe an AI/ML technology-driven automation in their SD-WAN environment.
- 80% of organizations increasing spending on SASE over the next 12-18 months.
- 37% of respondents have begun to implement SASE.
- 62% of respondents say their organization’s employees will be working fully remotely or in a hybrid manner 24 months from now.
- 54% reported that network complexity had increased.
- 64% reported that network security was more difficult.
- 96% of respondents are currently using public cloud services to some degree.
- 62% of respondents say they have begun to implement SASE in the next 12-24 months.

Sources:
ESG Research Report, Network Modernization in Highly Distributed Environments, November 2021

The Bigger Truth

SAE is so rapidly emerging. The framework was created to deal with the tools that are used in the distributed environments of today. The framework is integrated with AI/ML technology to drive automation and enhanced experiences. In fact, we can’t just look at the previous experience that they are finding, we can’t just manage or at least try to manage their solutions.