An agile network

Enterprises are already adopting software-defined wide area networking (SD-WAN) as a way to provide the network capacity they need to support growing workloads. The right SD-WAN architecture allows enterprises to scale their networks on an as-needed basis, putting an end to an existing enterprise network model, making it easier to support the demand for bandwidth and real-time performance. SD-WAN is the latest step in the long-term evolution of the corporate network infrastructure.

The corporate network is facing unprecedented pressure from the growth of cloud, mobility, voice, and video traffic. And with enterprises increasingly decentralized, branch office networks are becoming more complex and expensive to scale and secure. The result is spiraling network costs, poor end-user experience, increased security risks, and a management nightmare.

Hybrid connectivity

SD-WAN unifies multiple network segments into a single virtual connection. It abstracts the control and configuration functions hardwired into existing network routers and switches, and redefines them in software. It offers the flexibility to manage and monitor the entire network topology from a single, cloud-based console. SD-WAN is the latest step in the long-term evolution of the corporate network infrastructure.

Intelligent path control

SD-WAN devices automatically route network packets along the most appropriate links for their destination, eliminating the need for manual intervention by network administrators. Intelligent path control also allows businesses to route traffic quickly around network outages or congestion, switching between connection providers as appropriate to increase network reliability.

Application optimization

SD-WAN is designed to optimize the network to reflect network policies. Traffic that needs low latency can be routed along faster links, while non-critical traffic can take a slower route. Intelligent path control can also help ensure that traffic for a particular application is sent along the best path. For example, an SD-WAN overlay network can be used to optimize voice and video traffic. An SD-WAN overlay network is designed from the ground up to be secure, so that traffic is always encrypted and protected from prying eyes.

Secure all sites

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Network must evolve

SD-WAN is the latest step in the long-term evolution of the corporate network. SD-WAN administrators can optimize the network to support applications with different SLAs, or are piloting service-level guarantees for critical applications. SD-WAN is the latest step in the long-term evolution of the corporate network. SD-WAN administrators can optimize the network to support applications with different SLAs, or are piloting service-level guarantees for critical applications.

Global spending on SD-WAN infrastructure products is poised to reach $5.25bn in 2023, according to new IDC forecast. SD-WAN unifies multiple network segments into a single virtual connection. It abstracts the control and configuration functions hardwired into existing network routers and switches, and redefines them in software. It offers the flexibility to manage and monitor the entire network topology from a single, cloud-based console. SD-WAN is the latest step in the long-term evolution of the corporate network infrastructure.