IDC

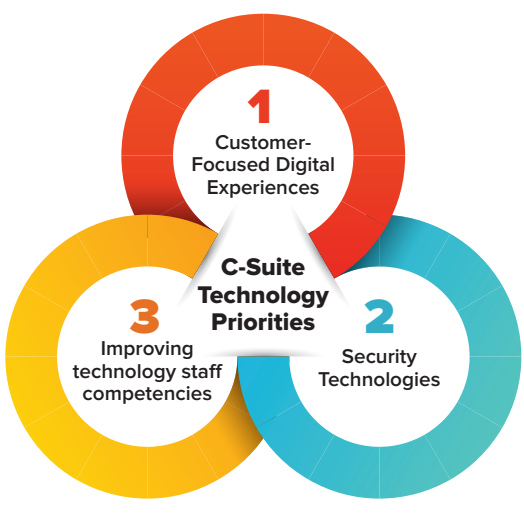
Best Practices for SD-WAN and Edge Security

Digital Experiences, Security, and Staff Competencies Are Key Priorities

Business executives to invest in digital experience, security, and improving tech competency

50% OF C-SUITE RESPONDENTS

believe a recession is coming said it would result in an increase to IT budget or have no impact to IT budget at all



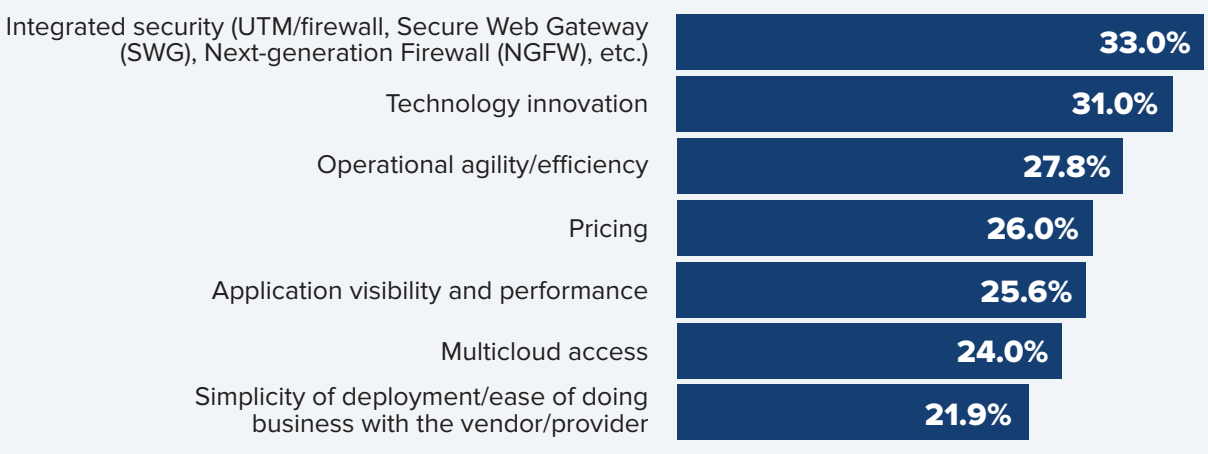
Source: IDC *Worldwide C-Suite Survey*, August 2022

Key Aspects of Modern WAN Infrastructure

Modern WAN infrastructure assures digital experiences, provides edge security, and improves IT ops competencies

Key aspects for WAN infrastructure: Integrated security, technology innovation and operational agility/efficiency

Q. When purchasing wide area network (WAN) infrastructure or services for your company, what are the three most important aspects you consider?



Source: IDC *Software-Defined WAN (SD-WAN) Survey*, June, 2021

Key Trends Driving SD-WAN

- Cloud and multicloud demand optimized access to and digital experience of cloud applications
- Common management simplifies control of edge environments
- Integrated edge security becomes essential with distributed apps and internet breakout at the branch
- Assuring user and application experience is an imperative

5 Key Trends Driving SD-WAN

- Optimizing Multicloud Connectivity
- SD-Branch and common management across WAN & Wired/Wireless LAN
- Integrated Security and SASE Architectures
- User and Application Experience Assurance
- LTE and 5G for primary connectivity

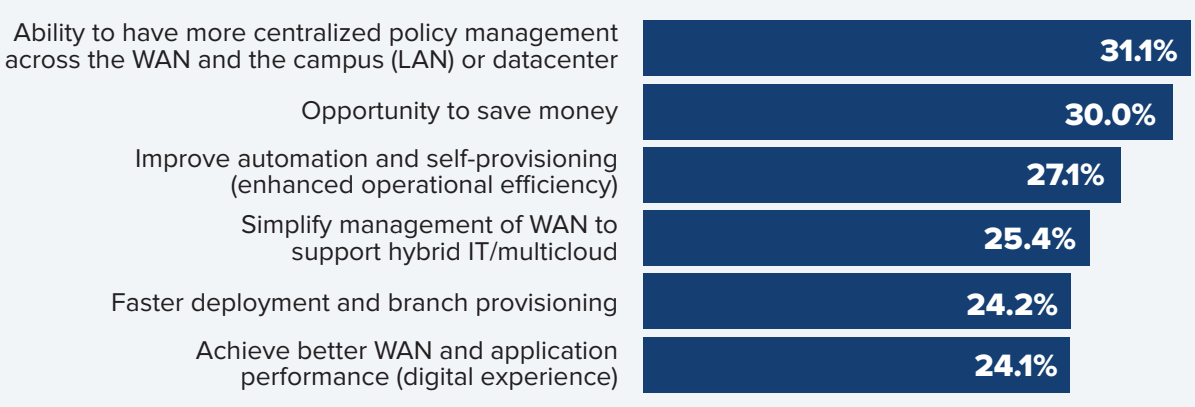
Source: IDC, 2022

Key Components of SD-WAN Solutions

Security, cloud connects, transport agnosticism are seen as essential capabilities

Top SD-WAN Motivations: Centralized WAN and LAN management; Operational efficiencies; Simplified WAN for multicloud

Q. Which of the following are the top 3 motivations for considering an SD-WAN deployment? (select up to three responses)



Source line: Software-Defined WAN (SD-WAN) Survey , IDC, June, 2021

IDC Guidance on SD-WAN

Modern applications need modern WANs and edge security

Edge Networking and Security Driven by Application Requirements

- **Take an application-centric approach** to ensuring that SD-WAN addresses application requirements for connectivity and security at the edge.
- **Consider how network and security needs will evolve** as your organization gains sophistication in cloud environments and cloud-native architectures.
- **Try to maintain choice and flexibility** in your SD-WAN networking and your edge security, given that your application environment is likely to evolve.
- **Look for robust platforms** that can scale elastically, providing the networking and security functionality needed, at edge locations.
- **Seek solutions that provide optimized connectivity** to cloud-based applications and that offer strong cloud-oriented partner ecosystem.

Message from the Sponsor

Dell Virtual Edge Platform (VEP)

VEP is a virtual network infrastructure solution designed to address the need for agility, flexibility, scalability, and security at the enterprise edge. Running SD-WAN solutions, it offers fast, secure, cloud-friendly connectivity across branch offices with a distributed workforce, providing operational efficiencies, cost savings, and Dell's global support and supply chain advantage.

Learn More

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