

Your WAN security:

Top 3 threat types and how to outsmart them

As your wide area network evolves, you might need to enable direct Internet access at the branch, secure connectivity to the cloud, and protect all users and devices from threats without compromising the user experience. Easier said than done, right?

Actually, with Cisco software-defined WAN (SD-WAN), you can handle all these demands without ever leaving security behind.

Answer these three questions and discover how to protect your users, devices, and applications when using the Internet as your WAN.

Threats from the **inside-out**

Like spies inside your castle walls, these threats enter through the branch and wreak havoc.

Your biggest internal security concern right now is:



Select one of the following:



Malware infections like viruses and the ever-popular ransomware

- Secondary payloads (as if one isn't enough), branch breaches that infect your network, and other command-and-control threats
- Website look-alikes, spam, and other "Oops, I shouldn't have clicked on that" phishing attacks
- Employees or devices that unintentionally stumble into digital off-limits areas

Threats from the outside-in

Like marauding raiders, these threats attack your castle walls, aka the edge of your network where your branch is located. Nonstop.

From the outside, your biggest threat is:

- Select one of the following:
 - Attackers using protocol vulnerabilities and other tricks to slip through your firewall
 - All the attacks, all at once—the dreaded denial-of-service overload



Internal threats

These threats happen more as a result of the lord and lady of the castle forgetting to lock the side door after a moonlit walk. Whether these are accidental or malicious, they still wear away at the castle walls.

Your biggest internal threat is:



Select one of the following:



Users and devices gone rogue: an edge device, an access point, or a user accessing the WAN or LAN without trusted credentials



Compromised devices transferring more than just data to or from other connected devices



Compliance violations—so much to keep track of and so little time



Guests and partners who need access to the network without compromising security



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1 "TechValidate Research on Cisco Umbrella," TechValidate, June 25, 2018.

2 2017 Cybercrime Report, Cybersecurity Ventures, 2017.

3 Secure SD-WAN: Integrated NGFW Security with WAN Transformation, Fortinet, 2018.

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