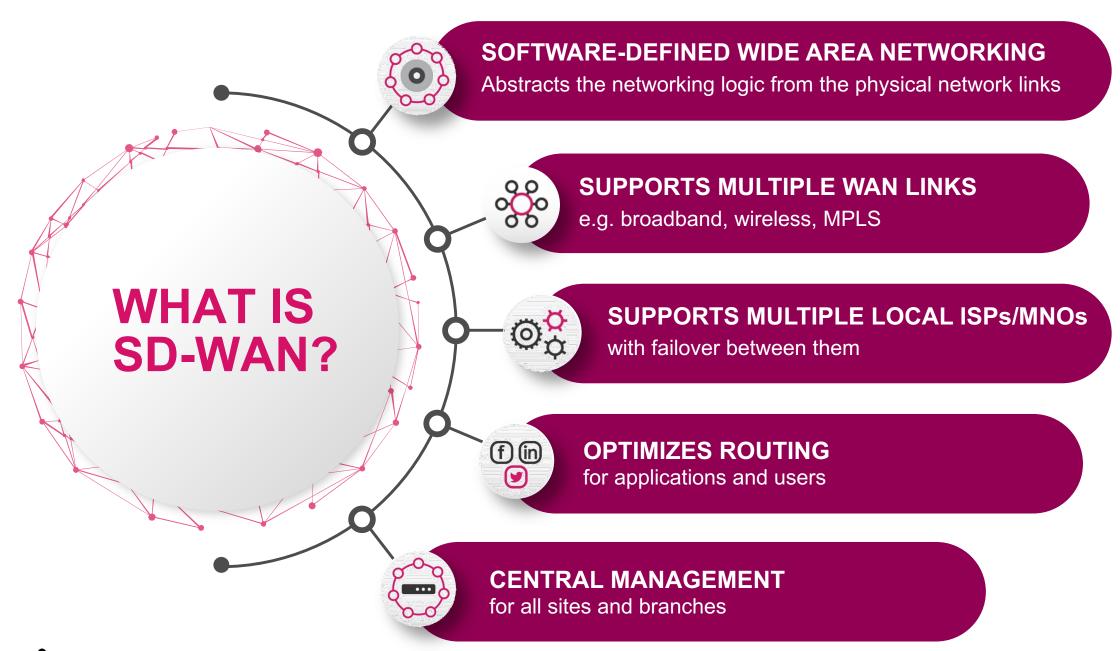


AGENDA

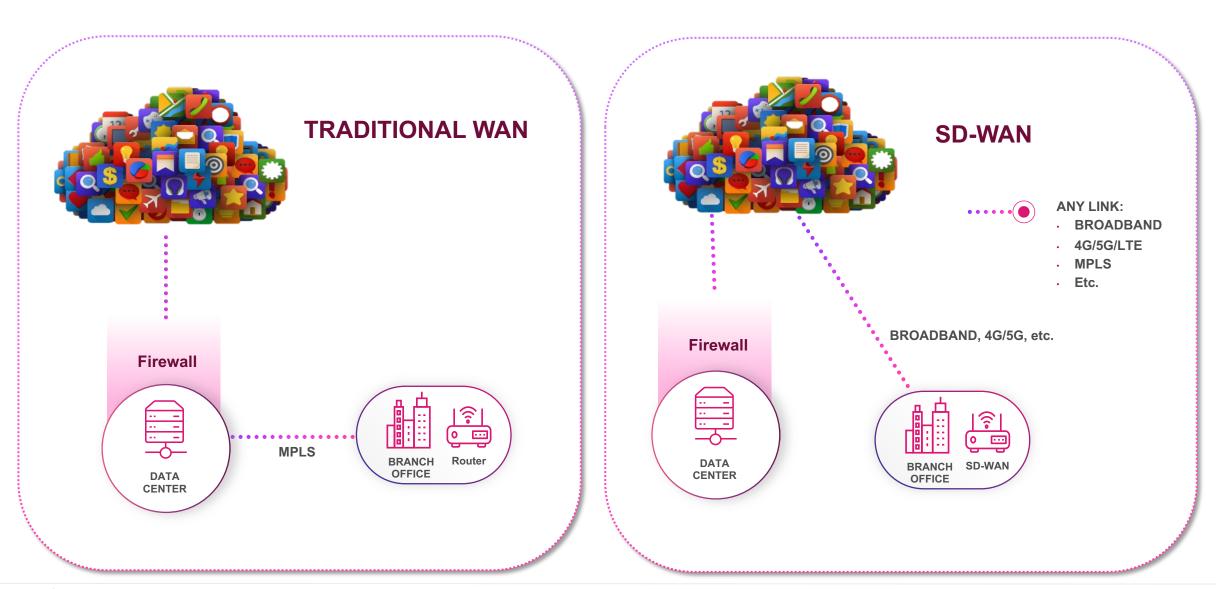
- What is SD-WAN, and what are the drivers for SD-WAN adoptions?
- Quantum SD-WAN features and functionality
- Quantum SD-WAN roadmap highlights
- Q&A

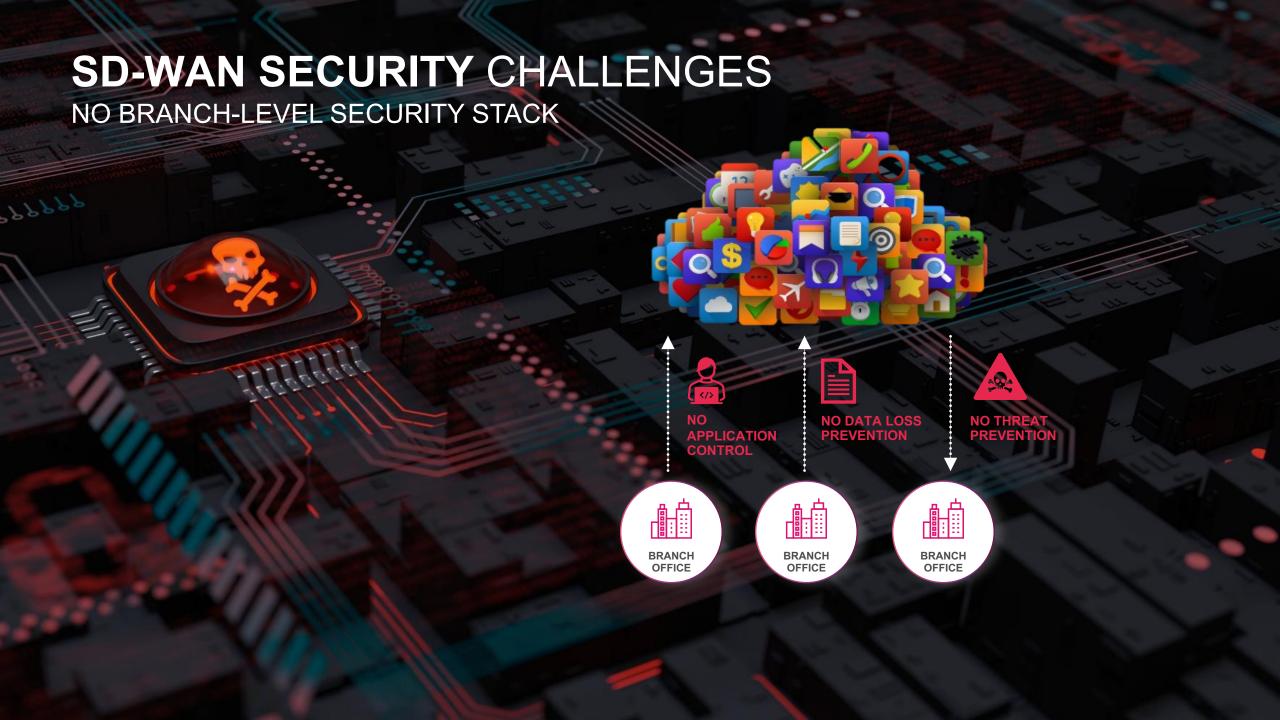






Traditional WAN vs. SD-WAN





Switching to SD-WAN saves up to 80% in monthly costs

MPLS Solution

 MPLS Ethernet (100Mbps) at \$1000/mo.

\$1,000 Total per site/month

Broadband + SD-WAN Solution

\$174

Total per site/month

- ISP1 1 Gbps broadband internet for \$80/mo.
- ISP2 1 Gbps broadband internet for \$80/mo.
- SD-WAN service starting from \$13.5/mo. (1530 Spark)



Lower costs

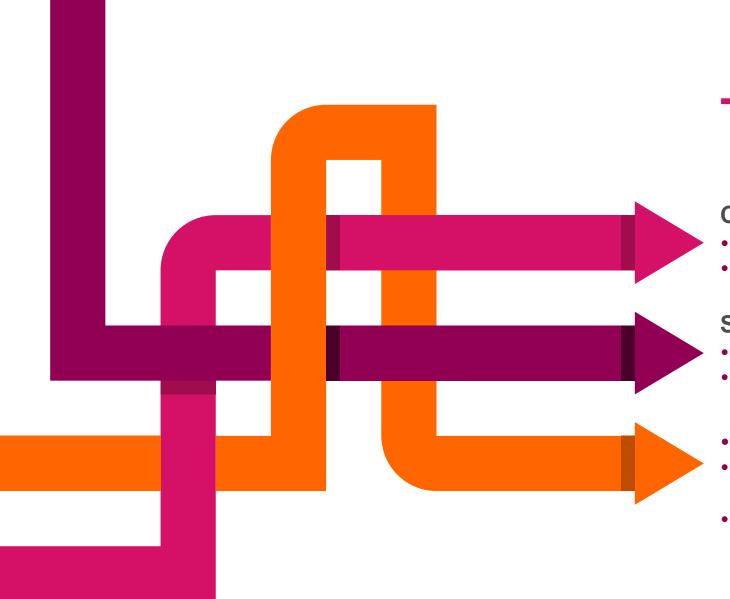


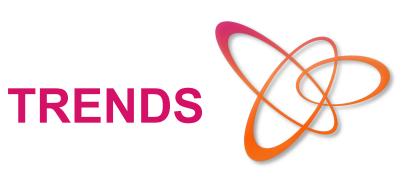
Faster connectivity



Automated steering







Cloud Migration Drives SD-WAN Adoption

- Faster connections
- Lower costs

Security is key in adopting SD-WAN

- Customers are prioritizing security over other features
- Check Point offers proven, superior security
- Adoption of SD-WAN is Growing
- SD-WAN market estimated to reach \$2.8B in 2023, growing at 26% CAGR
- Adoption to reach 60% by 2026

-Source: Gartner







Quantum SD-WAN

New software blade in Quantum Gateways

Unifying best security with optimized internet and network connectivity

ACTIVATE SD-WAN BLADE FROM YOUR QUANTUM GATEWAYS

Next Generation Firewall



Firewall VPN Application-Control IPS Next Generation
Threat Prevention



Next Generation Firewall +

Anti Virus Anti Bot URL Filtering Anti Spam

Advanced DNS Security

Sandblast - Gen V Threat Prevention



Next Generation Threat Prevention +

Threat Emulation
Threat Extraction



R81.20 required

Quantum IoT



IoT discovery
IoT threat prevention

R81.20 required

Quantum SD-WAN



Application prioritization Connectivity monitoring Automated link failover Bandwidth aggregation

R81.20 required

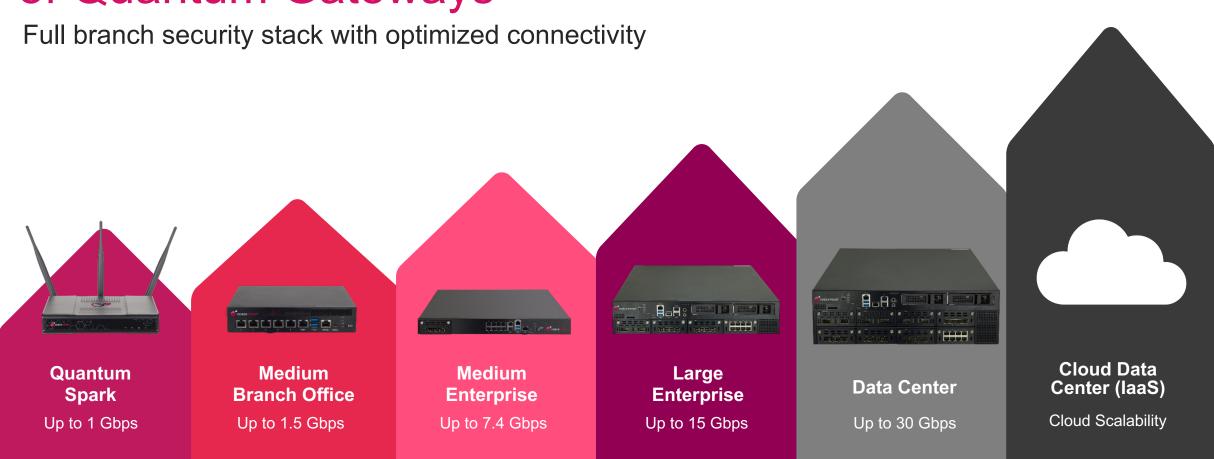
12 Blades – Best Security

IoT

SD-WAN

Supported in a broad range of Quantum Gateways



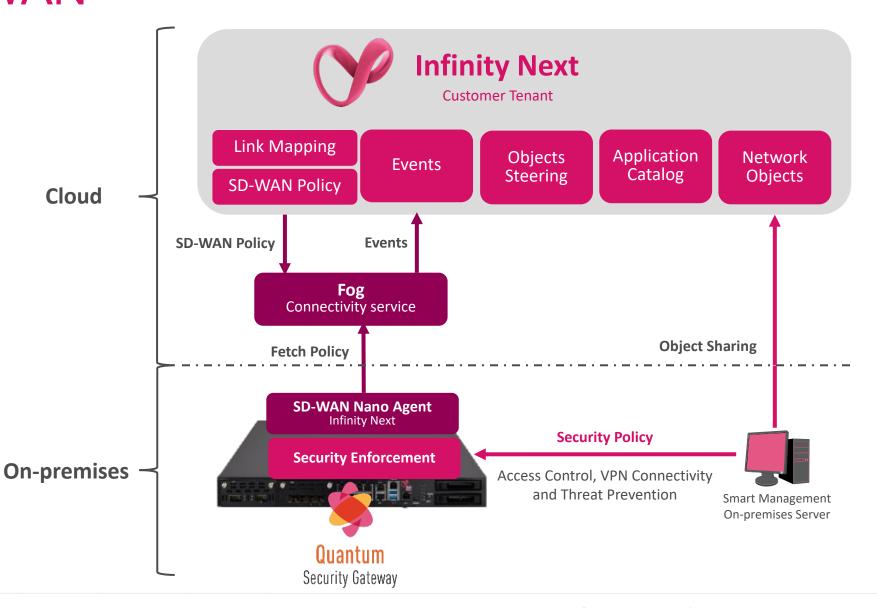


- *Supporting all appliances models compatible with R81.20
- **Supporting Spark and Spark Pro starting R81.10.05



Quantum SD-WAN Architecture

- Smart Management
 - Proven security
 - Smooth deployment
- Infinity Next
- Synching objects
- Granular traffic steering
- Nano Agent
- Low footprint
- Seamless deployment

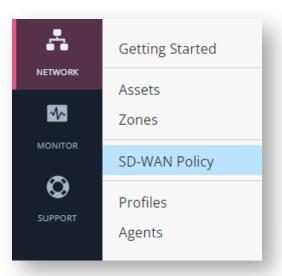


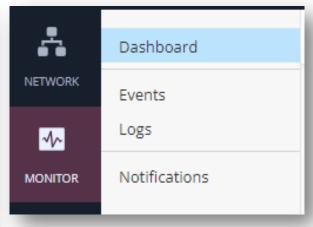


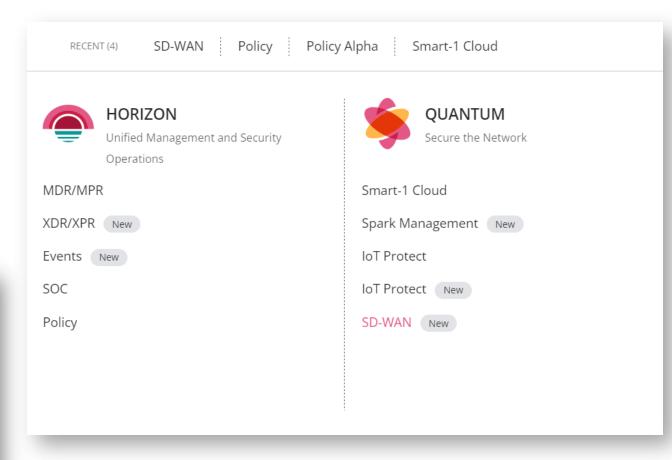
Quantum SD-WAN Infinity Portal

Accessing SD-WAN Application

- https://portal.checkpoint.com/
- Quantum -> SD-WAN
- Network -> SD-WAN Policy
- Monitor -> Dashboard

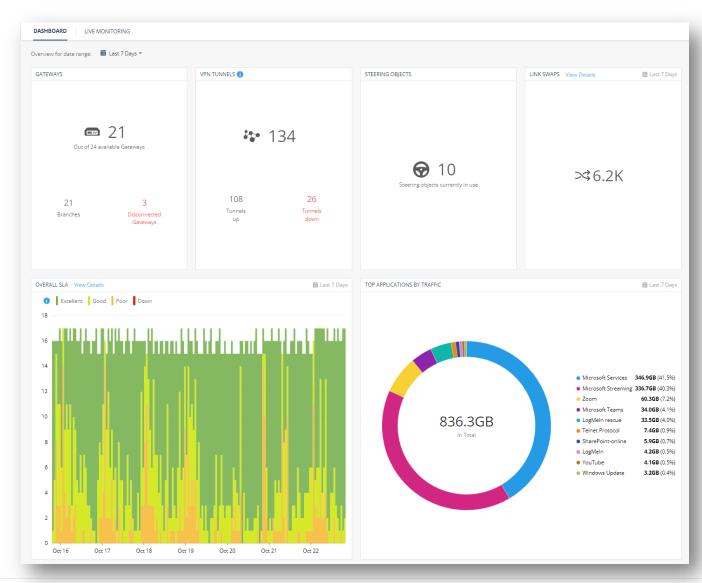






Quantum SD-WAN Monitoring - Dashboard

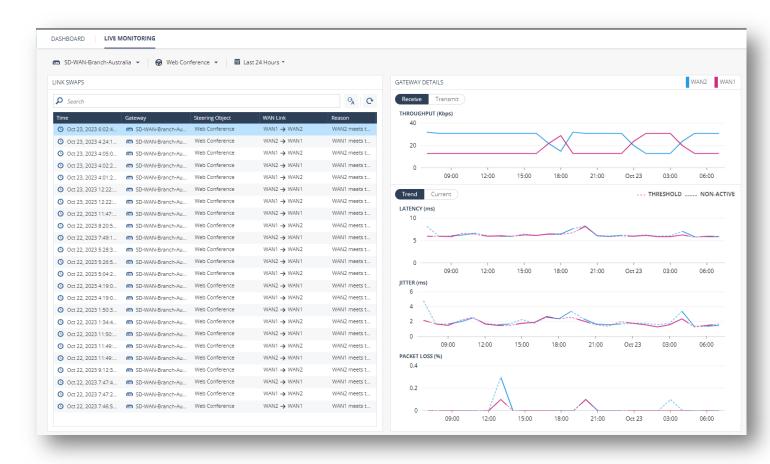
- Providing the user immediate understanding about the environment status
- Allowing the operator to take immediate actions, investigating any event





Quantum SD-WAN Monitoring - Live monitoring

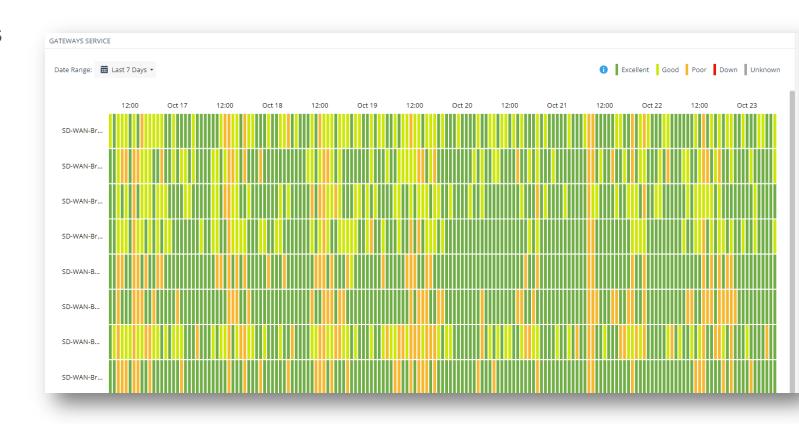
- View connectivity conidiations for every branch and steering object
- View all related "link swap" events and understand it root cause





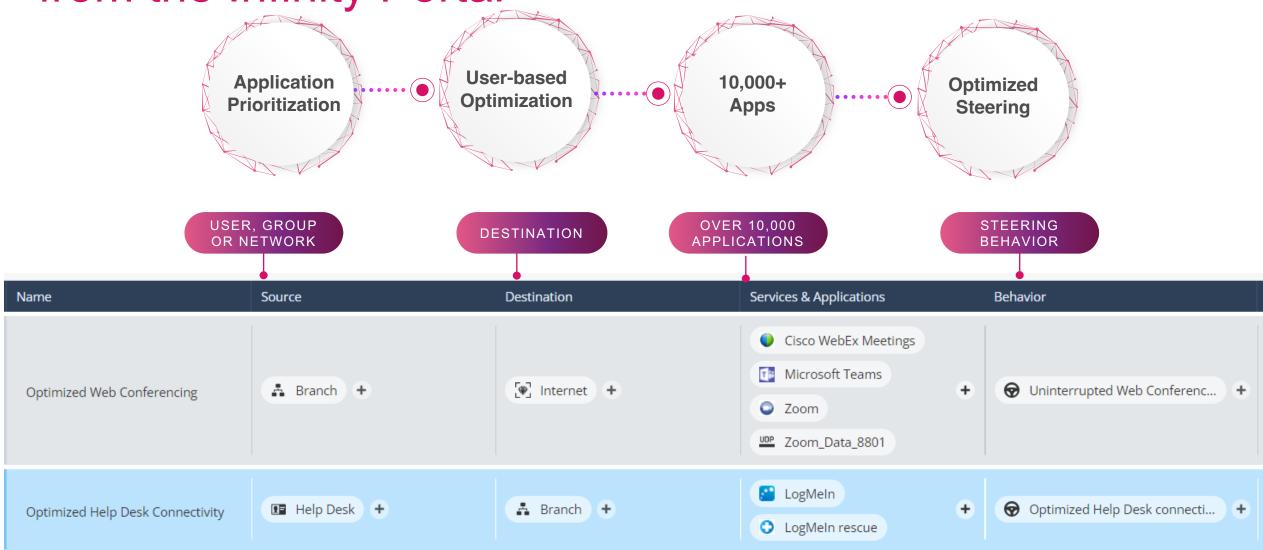
Quantum SD-WAN Monitoring - Overall SLA

- View in one location all branches connectivity conditions
- Immediately take action to solve connectivity issues





Quantum SD-WAN Policy - Integrated management from the Infinity Portal



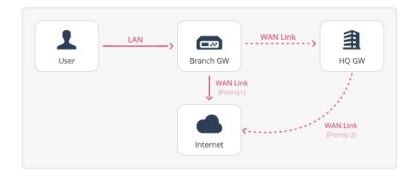
Quantum SD-WAN Policy- Basic Connectivity Flows

Connection Types





Prioritize Local Breakout



Overlay



Through VPN

Backhaul

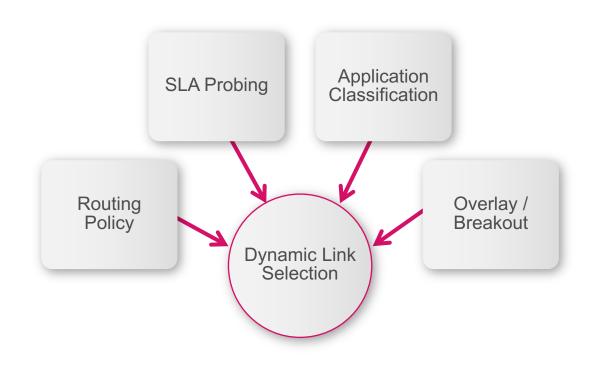


To internet through VPN

Quantum SD-WAN Policy - Dynamic link selection

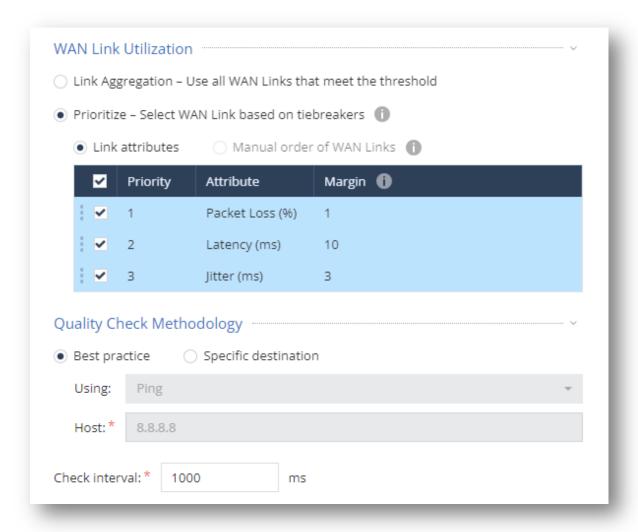
Dynamic Link Selection Based on:

- Overlay (VPN/MPLS) vs Local Breakout (Internet)
- SLA Probing
 - Track destination service across participating links
 - Measuring packet loss, latency and jitter
- Real Time Application Classification
 - Destination IP Protocols
 - Application mapping by Updatable Objects
 - DNS learning
 - SNI
- Routing Policy (all the above and):
 - Identity
 - VPN Communities



Quantum SD-WAN Policy - Link utilization and probing

- WAN link utilization flexibility for every steering object based on:
 - Link aggregation
 - Priority based on tiebreakers based on link attributes or links manual order
- Links Quality Check- Probing based on ICMP/Ping





Quantum SD-WAN - Recent Enhancements Scalability

- Management scalability to support up to 250 branches in star topology
 - Available in R81.20 Take 26
 - Available for on-prem Smart-1
 - Coming up soon for Smart-1 Cloud
- Major benefits:
 - Increasing Quantum SD-WAN scale capabilities in 60%
 - Allowing users to manage larger environments over single domain
 - * For further information about Quantum SD-WAN access SK180605



Quantum SD-WAN Roadmap highlights

Q2 2023 - Available

- Support over R81.20 June 2023
- Support CloudGuard laaS (AWS, Azure, GCP)
 - June 2023

Q4 2023

- Dynamic IP support for Local breakout, overlay and backhaul
- Passive probing support for local breakout
- Zero-Touch deployment for Quantum GWs

Q3 2023

- Spark GA July 2023 R81.10.05 or higher
- Management Scalability support up
 250 branches in star typology

Q1 2024

- Management Scalability support up to 500 branches
 Star and Mesh topology
- Multi Domain support for single tenant
- Zero-Touch deployment for Spark
- Forward Error Correction (FEC)

Complete Security & Internet-access (SASE) solution

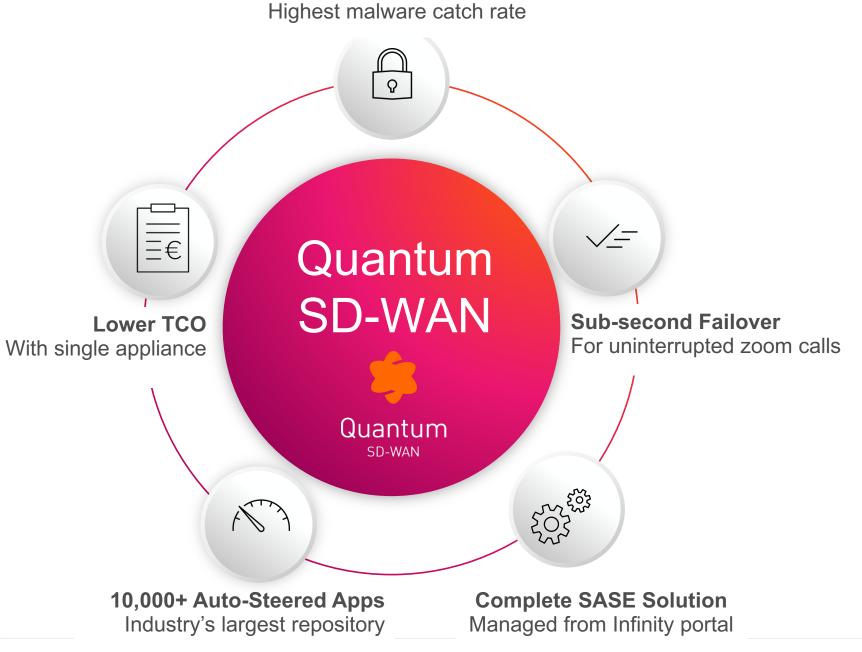


By 2026, 60% of new SD-WAN purchases will be part of a single-vendor secure access service edge (SASE) offering, up from 15% in 2023. **Gartner – Critical capabilities for SD-WAN, Sep-2023**

SUMMARY

Quantum SD-WAN software blade embedded in Quantum and Spark Gateways

Optimized, secure connectivity for branch offices



Best Security



Q&A



YOU DESERVE THE BEST SECURITY