

Broadband Network Technology Evolution

Top Priorities and Challenges

A Calix survey of **broadband service providers** (BSPs) uncovered the top **priorities** and **challenges** for network and technology perfectionals as they look to

uncovered the top **priorities** and **challenges** for network and technology professionals as they look to meet current and future subscriber needs.



BSPs Know That Success

Network reliability and the subscriber experience are the top two issues keeping BSPs up at night.

They can't win in the current business environment without resolving both challenges. Solving just one is not enough.

Network availability and reliability are absolute requirements ensure a subscriber experience that's second to none.

61% 54% spondents view reservices

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The Time is Now to Upgrade Network Capacity

BSPs recognize that the day has arrived to increase capacity in

86% 83%

uney respondents of Bbths are moderately, with, or imely concerned at their ability to with network only issues and concern tender BSPs Also Taking Steps Proactively to Optimize Their Networks 5%

40%

are reducing broadcast domains and flat Layer returneds

A = 0%

are leveraging Layer multi-path routing techniques

BSPs are "Going with the Flow" to Track Network Capacity

They view visibility and analytics as indispensable for

Flow analysis is the top choice of

are using MIB-based node and interface

17%

72%



The Biggest Threat Vector Is From The Subscriber Premises

When it comes to security, the majority of BSPs recognize



Areas of the Network Most Vulnerable to Security Threats

41% 27%

Phishing Attacks the Most Common Cyber Threat

50% 21% 14%





Network Security Is a Top Priorit

protect the network.

ob on using commercially available security tools

52% using commercially available security tools

43% are engaging a third po conduct an end-to-en security audit



BSPs Still Searching for Answers on the Right Services for Subscribers

When it comes to new services, BSPs are considering a

Top Value-Added Services for Businesses

40%40%33%

Top Value-Added Residential Services

50% borne network cyberaecurity 44% OTT streaming services, ioT-based or home security and subscriber-enable app-based content filtering







Majority of BSPs Being Proactive on IPv4 Exhaustion

50% believe that finding a 44% are already addressing if solution is important

Top Strategies for Addressing IPv4 Exhaustion

50% 46% 32%

rchasing migrating leveraging existing into

aging existing internal resources toness IPv4 exhaustion or adding tional resources



Calix

Contact Us To Learn More

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