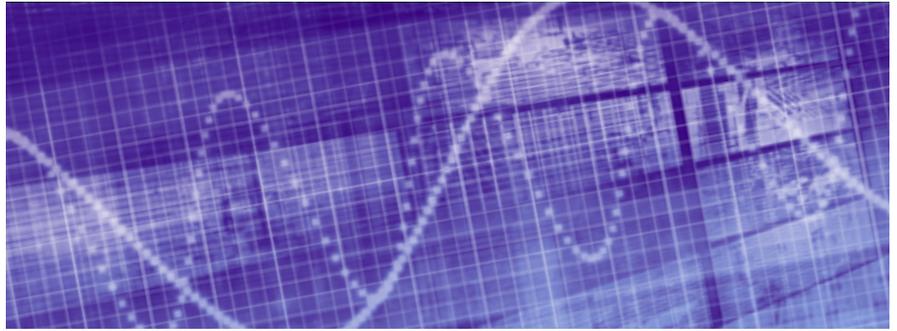


Highlights

- Comprehensive product portfolio for scaling data center cost-effectively with high-performance, leaf, spine and super spine IP Fabric solutions
- Carrier-grade routing and border leafs for enterprise and service providers
- Automate infrastructure provisioning, validation, troubleshooting, and remediation workflows
- Improve operations with pervasive traffic visibility for real-time network analytics, monitoring, and troubleshooting
- Full featured SLX operating system with advanced features supporting switching, IP Fabrics, carrier grade routing protocols such as BGP EVPN and VXLAN
- Integrated Application Hosting supports an open kernel-based virtual machine (KVM) environment to accommodate Extreme-provided or third-party, customer specific applications.



Extreme Networks SLX Switching and Routing Portfolio

Deliver the network visibility, automation, and agility that organizations need for today's digital era.

Networks Demand Pervasive Visibility and Automation

Increasingly organizations are expanding from on-premise, private and hybrid cloud to full multi-cloud architectures to address agility, scale, security, reliability and cost requirements as digital transformation reshapes their business environment. To succeed in the digital era, organizations need network platforms with the adaptability to address these rapidly evolving demands and enable them to simplify and scale operations while driving out cost. Modern network architectures - such as IP Fabric - follow those design principles, and with automation build-in the network switch or router, these networks provide a solid foundation for digital transformation.

Agility at All Layers of the Network

SLX switching and routing platforms provide unparalleled network visibility. Integrated Application Hosting is an Extreme Network solution that allows Extreme-provided or third-party customized applications to be hosted on an Extreme Networks switch or router. These embedded capabilities enable enterprise and service provider data centers the ability to deploy applications directly on their Extreme network switches or routers. This allows organizations to achieve pervasive insight throughout the network to quickly identify problems, accelerate mean-time-to-remediation, and improve overall service levels. Extreme Fabric Automation is one example that leverages Integrated Application Hosting and to provision IP Fabrics based on BGP, EVPN and VxLAN within seconds and eases the task of managing adds, moves and changes. in seconds. See more information [here](#).

SLX Portfolio Breadth

The breadth of the SLX Routing and Switching portfolio (Figure 1) makes them suitable for many places in the network and data center designs – leaf, spine, super-spine, core, border leaf, border routing, and data center interconnect (DCI). The 25 GbE SLX 9140 and the SLX 9150 with 1/10/25/40/100 GbE, are ideal for leaf deployments, while the high-density 100 GbE SLX 9240 and the SLX 9250 with 100/40 GbE, are well suited to serve

at the spine level. The versatile SLX 9540 and SLX 9640 deliver advanced border routing and MPLS features in border leaf and WAN edge deployments. The highly scalable SLX 9850 router supports multiple use cases, spanning spine to super-spine, border leaf, core, WAN edge, or data center interconnect. The ultra high-density 100GbE SLX 9740 router supports up to 80 x 100 GbE ports. The respective data sheets for these platforms provide more details.

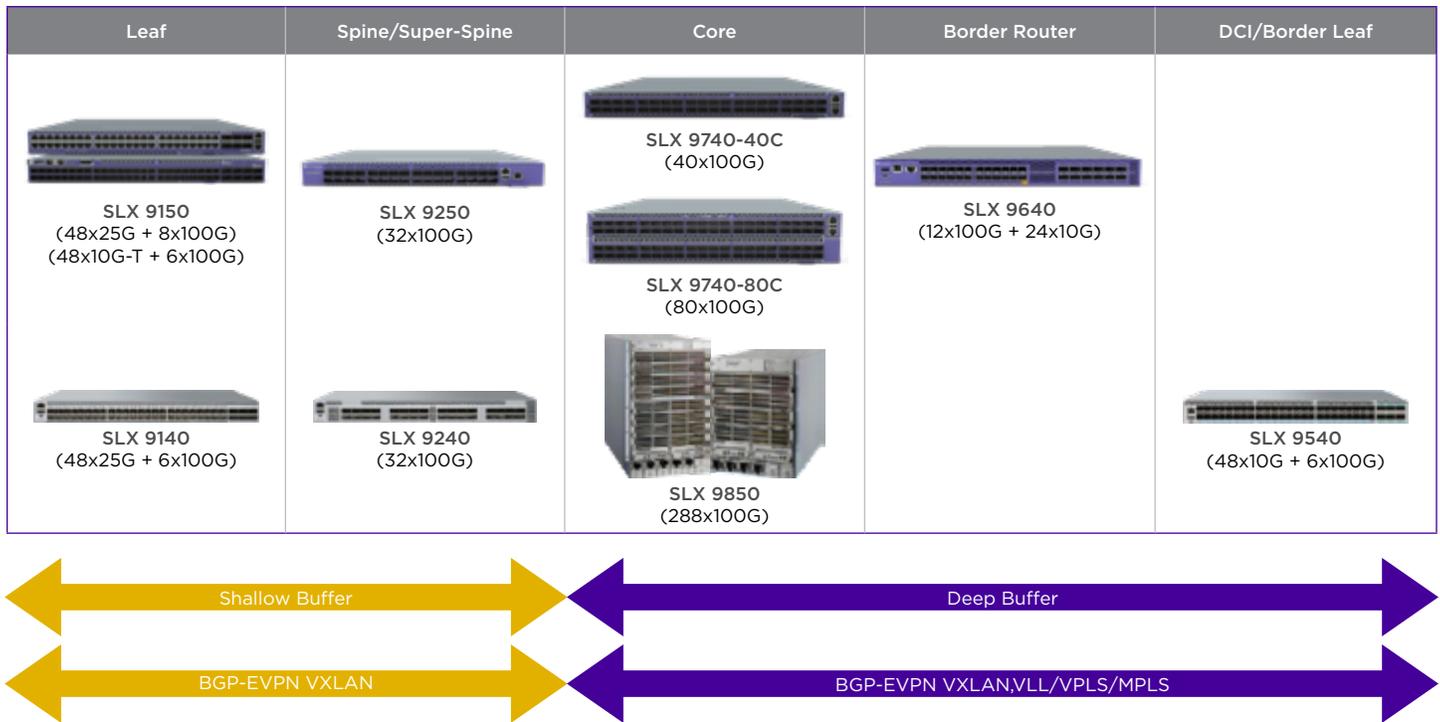


Figure 1: The SLX switching and routing portfolio.

SLX 9140 Leaf and 9240 Spine Switches

The SLX 9140 leaf switch provides native 48 25GbE server-facing ports and 6 100GbE ports in a 1U fixed form factor. It also features flexible 1/10/25/40/100GbE configuration options. The SLX 9240 spine switch delivers high-density 32 100GbE ports in a 1U fixed form factor. For more information, see the [SLX 9140 Data Sheet](#) and the [SLX 9240 Data Sheet](#).

SLX 9150 Leaf and 9250 Spine Switches

The SLX 9150 are purpose-built 1U high density and cost effective leaf switches that provide 1/10/25/40/100GbE connectivity. The SLX 9250 is designed for high-performance servers and distributed applications and deliver 100/40 GbE for leaf and spine configurations.

By leveraging both high-density switches, data center networks can dramatically improve power, space and cooling efficiencies, even at scale. Both switches run Extreme Fabric Automation onboard by leveraging Extreme Integrated Application Hosting and enable plug-n-play fabric for day 0 provisioning and day 1 configuration of all tenant services across the entire fabric and no additional hardware is required. Reducing the flood of multicast packets, both platforms support multicast support over VxLAN. For more information, see the [SLX 9150 Data Sheet](#) and the [SLX 9250 Data Sheet](#).

SLX 9540 Fixed Form Router

The SLX 9540 Router delivers carrier-class features in a cost-effective 1U fixed form factor optimized for data center interconnect, WAN edge, DC border leaf and Internet exchange point deployments. It offers 48 10GbE ports and 6 100GbE ports. Extreme's Optiscale for Internet Routing supports increased capacity for SLX border routing. This technology performs optimization in hardware and software to provide internet scale routing tables. For more information, see the [SLX 9540 Data Sheet](#).

SLX 9640 Fixed Form Router

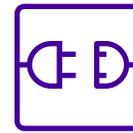
The SLX 9640 is designed to support more 100 GbE ports for diverse deployment options for Enterprise and Service Providers — such as border leaf, border routing, data center interconnect, all in a 1U fixed form factor. With its carrier-class Ethernet features, SLX 9640 offers flexible port configurations with 24 ports of dual mode 1/10GbE and 12 ports of dual mode 40/100GbE. In addition, each 100GbE port can support 4 ports of 25GbE via breakout, while each 40GbE port can support 4 ports of 10GbE via breakout. Both SLX router support a unique procurement model with ports on demand and capacity on demand licensing to offer greater pricing flexibility. For more information, see the [SLX 9640 Data Sheet](#).

SLX 9740 High-density 100 GbE Fixed Form Router

The SLX 9740 (1U) delivers 40x100GbE ports and the SLX 9740 (2U) delivers 80x100GbE ports and serves as demarcation between enterprise and service provider networks. It supports full Internet routing table, mainstream routing protocols BGP and OSPF, EVPN VxLAN, ACLs, BGP Internet peering scale, deep buffer, device management and entry level DDoS protection. For more information, see the [SLX 9740 Data Sheet](#).

SLX 9850 Core Router

With 28.8-terabit extensibility the SLX 9850 Router addresses the massive and growing scale, analytics, and agility needs of the digital enterprise and service provider. An chassis-based platform gives service providers and enterprises the power to deliver high-performance services on demand. The SLX 9850 is available in two different models – 4 interface-slot and 8 interface-slot systems. For more information, see the [SLX 9850 Data Sheet](#).



Plug-n-Play IP Fabric with Extreme Fabric Automation

Extreme Fabric Automation simplifies and accelerates the deployment of IP Fabric. The application runs as a service on the Open Application Engine of SLX switches and uses industry-standard, open API based programmable interfaces to provide the easiest way to deploy, provision and automate single or multiple IP Fabric networks in the industry fastest and most efficient way. Extreme Fabric Automation is also the point of integration for VMware, Microsoft and OpenStack. For more information, see [Extreme Fabric Automation](#).



Core Aggregation

Enterprise and Co-location data center consolidate on multiple layers with the SLX 9740 and can sit as an edge router above the data center network. With the use of MPLS or layer 3 protocols the SLX 9740 links the data center gear to another data center or the outside world. Multi-Chassis Trunking (MCT) provides dynamic flow-based load balancing to multiple network nodes to enable resilient and high performance networks.



Flexible Border Routing Solutions

The SLX 9540, SLX 9640 and SLX 9740 are very powerful, deep buffer, dual stack IPv4/IPv6 Internet border router, providing cost-effective solutions that are purpose-built for the most demanding enterprise and service provider customers. The robust system architecture and a versatile feature set including IPv4, IPv6 and MPLS/VPLS combined with Carrier Ethernet 2.0 and OAM capabilities provides deployment flexibility. For more information, see [Extreme Border Routing](#).



Internet Exchange Points

The ever-increasing growth of Internet Exchange traffic with new record highs demand wide spread 100 GbE connectivity at the edge of the network. Cost per port is a key factor as customers migrate from 10 GbE to 100 GbE and ultra-high density ports are essential with the right mix of technologies (e.g. VPLS and EVPN).



Application Telemetry

Application Telemetry is a unique feature of ExtremeAnalytics that enables the ExtremeSwitching infrastructure to participate in the forwarding and analysis of network application flows. By combining packet flow information from the switches and routers along with the deep packet inspection abilities of ExtremeAnalytics, actionable insights into network and application performance can be provided. This all without the need for expensive sensors or collectors.



Pervasive Network Visibility and Programmable Interfaces

By embedding network visibility, organizations can improve network operations and reduce operational costs through pervasive, granular, real-time network monitoring and troubleshooting with dynamic flow identification, intelligent preprocessing, and flexible data streaming. Extreme Networks Integrated Application Hosting provides an innovative approach to network monitoring and troubleshooting that makes it faster, easier, and more cost-effective to get the comprehensive, real-time visibility needed for network operations and automation.



Integrated Application Hosting

Organizations can improve operational efficiency and troubleshooting with Integrated Application Hosting. An Open Application Engine provides the capability to run Extreme-provided or third-party applications, containers or tools for monitoring and analytic applications directly on the switch or router – without a separate hardware device. The unique design is completely separated from the networking operating system.



Management for Insight, Visibility and Control

High levels of virtualization, containerization and cloud environments, combined with the enormous traffic, limit visibility in the modern data center. To address that dynamic challenge, SLX switches and routers, can be managed by Extreme Management Center with a vision to cloud management with ExtremeCloud IQ. Extreme Management Center includes a suite of applications, empowering administrators to deliver a superior quality experience to users through a single consolidated view and a common set of tools to provision, manage and troubleshoot the network. It works across wired and wireless networks, from the edge to the data center and private cloud. Get more information on [Extreme Management Center](#) and [ExtremeCloud IQ](#).



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