

Nextiva

Certified Ethernet and Fiber Switches



Verint® Nextiva® is comprised of a comprehensive video management solution with integrated analytics specifically designed for retail, financial, enterprise and critical infrastructure applications.

Nextiva Certified Ethernet Switches

If multicast is required for your network, please note that most out-of-the-box Ethernet switches are not configured to properly support it. When choosing an Ethernet switch, it is important to ensure the switch can support IGMP (Internet Group Multicast Protocol) snooping version 2. It is also important to remember that an IGMP querier is needed in each virtual local area network (VLAN). IGMP Query is normally supported by routers or high-end layer-3 switches.

IGMP is a session-layer (IP, layer-3) protocol used to establish membership in a multicast group. There are three versions of IGMP, with version 2 being the most widely used. Nextiva VMS supports version 2.

Using multicast in an improperly-configured network or over a network that does not support multicast will result in a multicast flood. Flooding can also occur if the IGMP querier loses power or drops its network connection.

Multicast traffic is blocked by most firewalls, VPN, and Internet routers; therefore multicast is generally applicable only to private networks. Multicast can be routed across multiple subnets using multicast routers supporting PIM (Protocol Independent Multicast). Although Nextiva VMS supports both IGMP and PIM, PIM is the recommended multicast routing protocol.

At A Glance—Ethernet:

- Provides an affordable, flexible foundation for entry-level SANs, and an edge switch for core-to-edge SAN environments
- Delivers up to 48 ports of 8 Gbps performance in an energy-efficient, optimized 1U form factor to support the most demanding server and virtual server deployments






At A Glance—Fiber Switches:

- Simplifies configuration and management with easy-to-use tools such as the Brocade EZSwitchSetup wizard, and is Microsoft Simple SAN-compatible
- Enables “pay-as-you-grow” expansion with Ports On Demand scalability from 8 to 16 or 24 ports in 8-port increments
- Offers dual functionality as either a full-fabric SAN switch or as an NPIV-enabled Brocade Access Gateway that simplifies server connectivity in heterogeneous enterprise fabrics
- Protects existing device investments with auto-sensing 1, 2, 4, and 8 Gbps capabilities and native operation with Brocade and Brocade M-Series fabrics
- Future-proofs investments by enabling organizations to use 4 Gbps SFPs today and upgrade to 8 Gbps SFPs when required

TECHNICAL SPECIFICATIONS

Verint-Supplied Ethernet Switches

Nextiva VMS supports the following Ethernet switches.

VERINT PART #	DELL PART #	DESCRIPTION	
NEX-24-DSWM	Dell PowerConnect 3524	100BASE-T managed multicast switch	
NEX-24-DSWM-1GE	Dell PowerConnect 5524	100/1000BASE-T managed multicast switch with 24 ports	
NEX-48-DSWM-1GE	Dell PowerConnect 5548	48 RJ-45 10/100/1000 ports managed multicast switch	
NEX-24-DSWM-PoE	Dell PowerConnect 3524P	24 PoE RJ-45 10/100 ports managed multicast switch	
NEX-48-DSWM-PoE	Dell PowerConnect 3548P	48 PoE RJ-45 10/100 ports managed multicast switch	

Verint-Supplied Fiber Channel Switch Kit

Nextiva VMS supports the following Fiber Channel switch kit.

VERINT PART #	DESCRIPTION
NEX-8P-FIBERSW	Brocade 300, 8-port 8 Gbps Fiber Channel switch kit, 8 SFPs, installation, and configuration. Optical cables are not included.
NEX-24P-FIBERSW	Brocade 300, 24-port 8 Gbps Fiber Channel switch kit, 24 SFPs, installation, and configuration. Optical cables are not included.

About Verint Video and Situation Intelligence Solutions

Verint® Video and Situation Intelligence Solutions™ help protect people, property and assets, and enhance operational efficiency. The award-winning Nextiva® portfolio delivers a sophisticated framework for capturing enterprise-wide IP video and other security and operational information, and provides users with integrated analytics, situation management and operational management capabilities. Designed for use across the enterprise, finance, retail and critical infrastructure markets, Verint solutions help address the top security and operations challenges facing today's organizations through advanced security and business intelligence, vertical solutions and subject matter expertise.

Verint. Powering Actionable Intelligence.®

Verint® Systems Inc. (NASDAQ: VRNT) is a global leader in Actionable Intelligence® solutions and value-added services. More than 10,000 organizations in over 150 countries use our workforce optimization and security intelligence solutions to improve enterprise performance and make the world a safer place. Verint is a member of the US broad-market Russell 3000 Index. For more information about Verint, visit www.verint.com.

VERINT

videoinfo@verint.com
1-866-NEXTIVA

330 South Service Road
Melville, NY 11747 USA

www.verint.com/videosolutions

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