



Hardware VXLAN Gateway

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What's New

Changes made in the last 7 days include:

None

Introduction

VMware recognizes the need to bring best of breed solution from our partners to address customers need as they transition to virtual and cloud architectures. Customers can easily take advantage of a new vendor's technology and integrate operations with the existing systems and procedures, leading to improved levels of service and performance. VXLAN is a great concept that gives separation between virtual networks and physical IP-based transport infrastructure, but we need VXLAN termination in physical devices before we can start considering large-scale deployments. The Hardware VXLAN Gateway is a VTEP (VXLAN Tunnel End Point) and performs VXLAN encapsulation and de-encapsulation. Each VTEP device has two interfaces – one is a VLAN interface and the other is an IP interface to other VTEPs. Customers using these integrated products can leverage their existing investments in networking and security solutions while dramatically improving operational efficiency and agility in their datacenter.

Partner Name	Hardware Model	API Integration	Solution Category	Appliance Type	Switch Software Version	NSX Version	Solution Topologies
Arista Networks	7050 Series	OVSDB	Hardware VXLAN Gateway	Physical	4.17.3	NSX 6.3.4,NSX 6.3.3,NSX 6.3.2,NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX 6.2.7,NSX 6.3.0	Hardware Switch Controller (HSC)
Arista Networks	7150 Series	OVSDB	Hardware VXLAN Gateway	Physical	4.17.3	NSX 6.3.4,NSX 6.3.3,NSX 6.3.2,NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX	Hardware Switch Controller (HSC)

Partner Name	Hardware Model	API Integration	Solution Category	Appliance Type	Switch Software Version	NSX Version	Solution Topologies
Arista Networks	7060 Series	OVSDDB	Hardware VXLAN Gateway	Physical	4.17.3	6.2.4,NSX 6.2.7,NSX 6.3.0 NSX 6.3.4,NSX 6.3.3,NSX 6.3.2,NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX	Hardware Switch Controller (HSC)
Arista Networks	7280E	OVSDDB	Hardware VXLAN Gateway	Physical	4.17.3	6.2.7,NSX 6.3.0 NSX 6.3.4,NSX 6.3.3,NSX 6.3.2,NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX	Hardware Switch Controller (HSC)
Arista Networks	7050 Series	OVSDDB	Hardware VXLAN Gateway	Physical	4.18.0F	6.2.7,NSX 6.3.0 NSX 6.3.4,NSX 6.3.3,NSX 6.3.2,NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX	Hardware Switch Controller (HSC)
Arista Networks	7060 Series	OVSDDB	Hardware VXLAN Gateway	Physical	4.18.0F	6.2.7,NSX 6.3.0 NSX 6.3.4,NSX 6.3.3,NSX 6.3.2,NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX 6.2.7,NSX 6.3.0	Hardware Switch Controller (HSC)

Partner Name	Hardware Model	API Integration	Solution Category	Appliance Type	Switch Software Version	NSX Version	Solution Topologies
Arista Networks	7280E	OVSDB	Hardware VXLAN Gateway	Physical	4.18.0F	NSX 6.3.4,NSX 6.3.3,NSX 6.3.2,NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX 6.2.7,NSX 6.3.0	Hardware Switch Controller (HSC)
Arista Networks	7150 Series	OVSDB	Hardware VXLAN Gateway	Physical	4.18.0F	NSX 6.3.4,NSX 6.3.3,NSX 6.3.2,NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX 6.2.7,NSX 6.3.0	Hardware Switch Controller (HSC)
Arista Networks	7250 Series	OVSDB	Hardware VXLAN Gateway	Physical	4.17.3	NSX 6.3.4,NSX 6.3.3,NSX 6.3.2,NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX 6.2.7,NSX 6.3.0	Hardware Switch Controller (HSC)
Arista Networks	7250 Series	OVSDB	Hardware VXLAN Gateway	Physical	4.18.0F	NSX 6.3.4,NSX 6.3.3,NSX 6.3.2,NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX 6.2.7,NSX 6.3.0	Hardware Switch Controller (HSC)
Brocade	VDX 6740 Series	OVSDB	Hardware VXLAN Gateway	Physical	NOS 7.0.1	NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX	High Availability (HA)

Partner Name	Hardware Model	API Integration	Solution Category	Appliance Type	Switch Software Version	NSX Version	Solution Topologies
Brocade	VDX 6740 Series	OVSDDB	Hardware VXLAN Gateway	Physical	NOS 7.0.1b	6.2.4,NSX 6.2.3,NSX 6.2.7 NSX 6.3.4,NSX 6.3.3,NSX 6.3.2,NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX	High Availability (HA)
Brocade	VDX 6940 Series	OVSDDB	Hardware VXLAN Gateway	Physical	NOS 7.0.1	6.2.7,NSX 6.3.0 NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX	High Availability (HA)
Brocade	VDX 6940 Series	OVSDDB	Hardware VXLAN Gateway	Physical	NOS 7.0.1b	6.2.3,NSX 6.2.7 NSX 6.3.4,NSX 6.3.3,NSX 6.3.2,NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX	High Availability (HA)
DELL	S4048-ON	OVSDDB	Hardware VXLAN Gateway	Physical	E9.10.0.1P12	6.2.7,NSX 6.3.0 NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX	Standalone
DELL	S6000-ON	OVSDDB	Hardware VXLAN Gateway	Physical	E9.10.0.1P12	6.2.3,NSX 6.2.7 NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX	Standalone
DELL	S6010-ON	OVSDDB	Hardware VXLAN Gateway	Physical	Cumulus Linux 3.2	6.2.3,NSX 6.2.7 NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX 6.2.7	Standalone

Partner Name	Hardware Model	API Integration	Solution Category	Appliance Type	Switch Software Version	NSX Version	Solution Topologies
HP	5930	OVSDDB	Hardware VXLAN Gateway	Physical	Comware 7 OS (version F2430)	NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX 6.2.3,NSX 6.2.7,NSX 6.3.0	Standalone
HP	5930	OVSDDB	Hardware VXLAN Gateway	Physical	Version 7.1 F2608	NSX 6.3.4,NSX 6.3.3,NSX 6.3.2	Standalone
HP	5940	OVSDDB	Hardware VXLAN Gateway	Physical	Comware v7.1 (version R2509)	NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX 6.2.7,NSX 6.3.0	Standalone
HP	5940	OVSDDB	Hardware VXLAN Gateway	Physical	Version 7.1 F2608	NSX 6.3.4,NSX 6.3.3,NSX 6.3.2	Standalone
Huawei Technologies Co., Ltd.	CE6850HI	OVSDDB	Hardware VXLAN Gateway	Physical	CloudEngine V200R002	NSX 6.3.4,NSX 6.3.3,NSX 6.3.2,NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX 6.2.7,NSX 6.3.0	Standalone
Juniper Networks	QFX5100	OVSDDB	Hardware VXLAN Gateway	Physical	14.1x53-D40	NSX 6.3.4,NSX 6.3.3,NSX 6.3.2,NSX 6.3.1,NSX 6.2.8,NSX 6.2.6,NSX 6.2.5,NSX 6.2.4,NSX 6.2.7,NSX 6.3.0	Standalone

Footnotes:

- 1 . HSC topology tested with 4000 VXLAN to VLAN mappings.
- 2 . HA topology tested with 160 VXLAN to VLAN mappings.

- 3 . Standalone switch tested with 160 VXLAN to VLAN mappings.
- 4 . VMware vSphere 6.5 Express Patch 1 is the minimum supported version with NSX for vSphere 6.3.0.

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