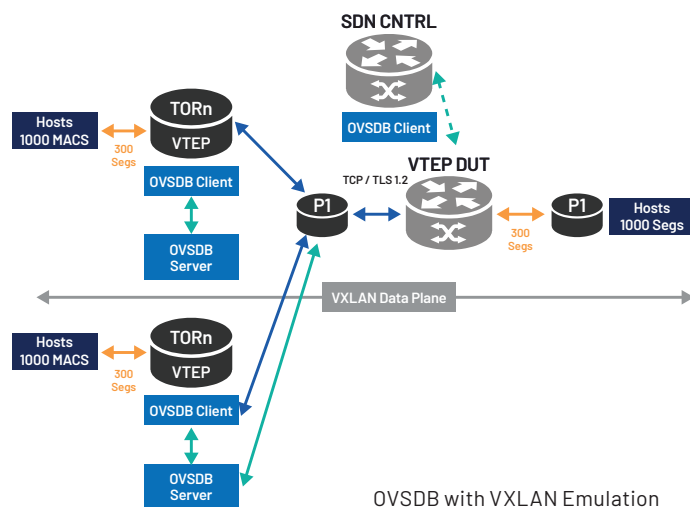
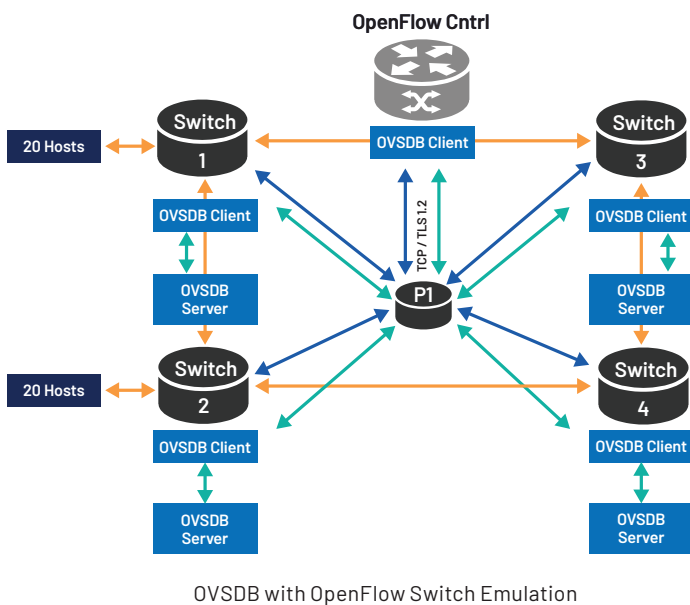


TestCenter™

OVSDB Emulation

VIAVI's **OVSDB emulation** package integrates with its VXLAN and OpenFlow Switch Emulation (OSE) Packages. OVSDB will gather configuration information from the OSE switch or VXLAN VTEP. Each Switch or VTEP will be associated with a Server which will optionally be connected to a SDN (OpenFlow) Controller.



- New learning mode for VXLAN via OVSDB
- Adds controller support for VXLAN
- High Scale Emulation
- VTEP/VM/Segment counters to database

Open vSwitch Database Management Protocol (OVSDB) Emulation based on RFC 7047 allows for configuration and learning of emulated TestCenter Topologies like OpenFlow Switch Emulation and VXLAN Emulation.

Topologies can write configurations and counters to database for reading by most controllers. TestCenter can view or export to file the OVSDB database.

VXLAN VTEPs can now learn using OVSDB vs Multicast or EVPN.

Features

- TLS Secure Channel Connection
- Integrated with VIAVI's OpenFlow Switch Emulation and VXLAN packages
- Export and View any OVS Database
- Scales with the high-scaling packages of OpenFlow and VXLAN

Benefits

- Quickly assess the scalability of your OVS design and chosen controller
- Easily build and manage complex topologies and networks

Technical Specifications

Parameter	Description
OVSDB emulation	<ul style="list-style-type: none">• Interoperability with common SDN Controllers• High Scale Emulation• Integrated with OpenFlow Switch Emulation• Integrated with VXLAN Emulation• Support for multiple controllers• Support for secure channel connection with TLS v1.2• Read and Export Databases
Supported platforms	Supported on current TestCenter platforms

Ordering Information

Product Number	Description
BPK-1326A	OVSDB Emulation
BPK-1195A/B	OpenFlow Switch Emulation
BPK-1310A	VXLAN Emulation
<i>Related</i>	
BPK-1311A	EVPN Emulation
BPK-1193A	OpenFlow Controller Emulation



Contact Us: +1 844 GO VIAVI | (+1 844 468 4284). To reach the VIAVI office nearest you, visit viasolutions.com/contact

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