



## New and Changed Information

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*Table 1: New and Changed Features*

Feature	Description	Changed in Release	Where Documented
EVPN over RFC5549 Multisite Use Case Support	Added support for IPv4 VTEPs using EVPN IPv6 sessions over RFC 5549 underlay on a single-site environment.	10.5(2)F	<a href="#">Functionalities of VXLAN BGP EVPN with RFC 5549 Underlay</a> <a href="#">VXLAN BGP EVPN with RFC 5549 Underlay on Single-Site</a> <a href="#">Supported and Unsupported Features of VXLAN BGP EVPN with RFC 5549 Underlay</a> <a href="#">Examples of VXLAN BGP EVPN with RFC 5549 Underlay</a>
Enhancement to support vPC for Proportional multi-path VNF	Next-hop filtering can be configured to exclude next-hop VNF addresses that are temporarily silent, thus preventing routing issues and ensure that traffic is not sent to unresponsive or non-existent destinations.	10.5(2)F	<a href="#">About proportional multipath for VNF</a> <a href="#">Guidelines and limitations for proportional multipath for VNF</a> <a href="#">Configure next-hop filtering</a> <a href="#">Verify next-hop filtering</a>
DSVNI with IPv6 Underlay support	Added IPv6 underlay support for the VXLAN EVPN with downstream VNI feature.	10.5(2)F	<a href="#">Guidelines and Limitations for VXLAN EVPN with Downstream VNI</a>

Feature	Description	Changed in Release	Where Documented
VXLAN underlay – Tunnel Multipath Table on Cloudscale	Added support to enable Dynamic Load Balancing (DLB) on the underlay for VXLAN tunnels, allowing for ECMP routing on Layer 3 interfaces.	10.5(1)F	<a href="#">Guidelines and Limitations for VXLAN</a>
Microsegmentation using VXLAN Group Policy Option: Enhancements	Added support for service chaining, additional platform support and match criteria support.	10.5(1)F	<a href="#">Guidelines and Limitations</a> <a href="#">Creating a Security Group</a> <a href="#">Verifying GPO</a>
Eliminate ORIB completely and replace functionality with L2RIB	Added support for start-up route.	10.5(1)F	<a href="#">Example Show Commands</a>
Allow use of reserved VLAN as ingress in the VLAN mapping	Added support to increase the ingress VLAN range from VLANs 1-3967 to VLANs 1-4094 for VLAN mapping.	10.5(1)F	<a href="#">Configuring Port VLAN Mapping on a Trunk Port</a>
IPv6 Underlay (IR) with DCI-IR (IPv6)	Added support for Ingress Replication (IPv6) in the data center fabric for VXLAN EVPN, VXLAN EVPN Multi-Site, and TRM Multi-Site features.	10.5(1)F	<a href="#">About Configuring VXLAN EVPN and TRM with IPv6 Underlay</a> <a href="#">Guidelines and Limitations for VXLAN EVPN and TRM with IPv6 in the Multicast Underlay</a> <a href="#">Configuring VXLAN EVPN with IPv6 Ingress Replication</a> <a href="#">About VXLAN EVPN Multi-Site with IPv6 Underlay</a> <a href="#">Guidelines and Limitations for VXLAN EVPN Multi-Site with IPv6 Underlay</a> <a href="#">Information About Configuring TRM Multi-Site with IPv6 Underlay</a> <a href="#">Guidelines and Limitations for TRM Multi-Site with IPv6 Underlay</a>

Feature	Description	Changed in Release	Where Documented
EVPN over RFC5549 - VXLAN Multisite	Added support for VXLAN EVPN with RFC 5549 underlay for multi-site environment on Cisco Nexus 9000 Series switches.	10.5(1)F	<a href="#">VXLAN EVPN Multi-Site with RFC 5549 Underlay</a>
Advertise Remote prefixes with PIP as Next Hop instead of VIP	Added support to advertise remote prefixes with PIP as Next Hop instead of VIP.	10.5(1)F	<a href="#">Advertise Using PIP Towards Fabric</a>

