



## What's New in Cisco IOS XE 17.13.x

- [Hardware Features in Cisco IOS XE 17.13.1, on page 1](#)
- [Software Features in Cisco IOS XE 17.13.1, on page 1](#)
- [Hardware and Software Behavior Changes in Cisco IOS XE 17.13.1, on page 3](#)

### Hardware Features in Cisco IOS XE 17.13.1

Feature Name	Description
Cisco Catalyst 9400 Series 48-Port 100 Mbps/1G/2.5G/5G/10G Multigigabit Module (C9400-LC-48TX)	<p>A 48-port, Multigigabit Ethernet module supporting 100 Mbps, 1 Gbps, 2.5 Gbps, 5 Gbps, and 10 Gbps speed options.</p> <ul style="list-style-type: none"> <li>• The maximum bandwidth supported on this line card is 480 Gbps. The chassis and supervisor module combination that you use determines the final available bandwidth.</li> <li>• Supported on Cisco Catalyst C9404R, C9407R, and C9410R chassis.</li> <li>• Compatible with the C9400X-SUP-2 and C9400X-SUP-2XL supervisor modules.</li> </ul> <p>For more information about the hardware, see the <a href="#">Cisco Catalyst 9400 Series Line Card Installation Note</a> and <a href="#">Cisco Catalyst 9400 Series Switches Hardware Installation Guide</a>.</p>

### Software Features in Cisco IOS XE 17.13.1

Feature Name	Description
BGP EVPN VXLAN <ul style="list-style-type: none"> <li>• Tenant Routed Multicast over BGP EVPN VXLANv6</li> </ul>	<p>The following BGP EVPN VXLAN features are introduced in this release:</p> <ul style="list-style-type: none"> <li>• Tenant Routed Multicast over BGP EVPN VXLANv6 enables the delivery of IPv4 and IPv6 multicast host traffic in BGP EVPN overlay multi-tenant fabric in an efficient and resilient manner. The new software capability enables IPv4 and IPv6 multicast in overlay with underlay network infrastructure natively running single-stack IPv6. The Tenant Routed Multicast over BGP EVPN VXLANv6 is supported over IPv6 Default MDT group.</li> </ul>

Feature Name	Description
Bonjour Apple AirDrop Service	Introduces a new service definition <i>apple air-drop</i> .
Flexible Netflow Record for SGACL Permit and Deny Actions	A new collect parameter for flexible netflow is introduced. Use the <b>collect policy firewall event</b> command to enable collection of information on traffic that is denied or permitted by SGACL.
GRE over IPsec on Cisco Catalyst 9400X Series Switches	Allows a payload to be GRE encapsulated and transferred securely over an IPsec tunnel.
IPsec Scale Enhancement for supported SVTIs	The number of supported IPsec IPv4 Static Virtual Tunnel Interfaces (SVTIs) is increased to 480 and the number of supported IPsec IPv6 SVTIs supported is increased to 240. This applies only to Cisco Catalyst 9400X Series Switches.
IPv6 Neighbor Discovery Proxy	IPv6 Neighbor Discovery (ND) Proxy facilitates communication between two different hosts that are restricted from communicating directly with each other. IPv6 Routing Proxy and IPv6 DAD Proxy variations of IPv6 ND Proxy are introduced.
Management Traffic Control	Management traffic control allows traffic to enter through a user-defined physical interface and restricts traffic to any other interface that is not defined by the user.
Modified License Level for Unicast mDNS	Unicast mDNS is now supported with DNA Advantage license.
Programmability: • YANG Data Models	The following programmability feature is introduced in this release: • YANG Data Models: For the list of Cisco IOS XE YANG models available with this release, navigate to: <a href="https://github.com/YangModels/yang/tree/master/vendor/cisco/xe/17131">https://github.com/YangModels/yang/tree/master/vendor/cisco/xe/17131</a> .
Removal of Service Types from the Default Service List	Multifunction-printer and home sharing service types are removed from the default service list.
<b>request tech-support</b> command	The <b>request tech-support</b> command was introduced. It generates an archive consisting of the tech support file and the system report.
<b>show ip eigrp topology</b> and <b>show ip eigrp accounting</b> command output	The <b>show ip eigrp topology</b> and <b>show ip eigrp accounting</b> command outputs are modified. The output of <b>show ip eigrp topology</b> command displays a message that provides information about the EIGRP state and the action required. The output of <b>show ip eigrp accounting</b> does not display any message when the EIGRP is in adjacency state.

Feature Name	Description
<b>show mvpn vrfri</b> command	The <b>show mvpn vrfri</b> command is introduced. The <b>show mvpn vrfri</b> command displays information about the provider edge's route import configured in the MPLS VPN environment.
VLAN RADIUS Attributes in Access Requests	Enhances security for access switches with the use of VLAN RADIUS attributes - VLAN name and ID in access requests.
VRF-aware GRE over IPsec	Introduces support for GRE over IPsec tunnels. This allows you to map IPsec tunnels to VRF instances using a single public-facing address. This feature is introduced on Cisco Catalyst 9400X Series Switches.

#### New on the WebUI

There are no new WebUI features in this release.

## Hardware and Software Behavior Changes in Cisco IOS XE 17.13.1

Behavior Change	Description
SISF-Based Device Tracking: Deprecation of the <b>udp</b> keyword	The <b>udp</b> keyword, which was available as one of the options with the <b>protocol</b> keyword in the device-tracking configuration mode, was deprecated. There is no replacement keyword.

