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End-of-Sale and End-of-Life Announcement for the Cisco IPsec Static Crypto Map and Dynamic Crypto Map Feature in IOS XE

Contents

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Overview

Cisco announces the end-of-life timeline for the **Cisco IPsec Static** and **Dynamic Crypto Map in Tunnel mode** features in IOS XE software release 17.18.

End-of-Sale and End-of-Life announcement for IOS XE 17.18.x release shall be the guide for additional support timelines post it's announcement.

Software maintenance requires an active service contract.

GETVPN Crypto Map and **Cisco IPsec Static** or **Dynamic Crypto Map with Transport mode** (host-to-host IPsec protection) are not affected by this EoL.

Product migration options

Customers with **Cisco IPsec Static** or **Dynamic Crypto Map in Tunnel mode** feature in IOS XE software release should migrate to the **Cisco IPsec Virtual Tunnel Interface** based solution such as **FlexVPN** or **DMVPN**; or to **Cisco Catalyst SD-WAN** feature set in IOS XE.

The benefits of IPsec Virtual Tunnel Interface include:

- Flexibility to send and receive encrypted traffic on any physical interface, including multi paths.
- Simplified configuration as on-demand virtual- access interface is cloned from virtual-template interface for dynamic Virtual Tunnel Interface configuration.
- Traffic is encrypted/decrypted when forwarded to/from the tunnel interface and is managed by the IP routing table.
- Features can either be applied to clear-text packets on the Virtual Tunnel Interface, or encrypted packets on the physical interface.

Static and Dynamic Crypto Maps use access list to specify conditions to determine which IP packets are protected, combinatory explosion of source/destination pairs can result in Crypto ACL management and operation complexity, and is prone to mismatch configurations. With IPsec Virtual Tunnel Interface, routing protocols are used to decide which traffic is to be protected, thus improving the feature ease of use and operation simplicity.

Please refer to the white paper "Migrating from IPsec Static Crypto Maps and Dynamic Crypto Maps to Virtual Tunnel Interface" for more details on transition steps.

To learn more about Cisco Catalyst SD-WAN, please refer Cisco Catalyst SD-WAN.

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For more information

For more information about the Cisco End-of-Life Policy, go to:
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