Determine Fix for IOS XE Software Web UI

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Introduction

This document describes a list of software versions that have incorporated fixes for Cisco IOS® XE Software Web UI Cisco bug ID CSCwh87343.

Background Information

Software Fix Delivery

The security advisory can be viewed here:

- Multiple Vulnerabilities in Cisco IOS XE Software Web UI Feature

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Note: This document is dynamic and subject to updates as new fixed software versions become available.

The software fix is being delivered through either a **full IOS XE software image** or an **IOS XE Software Maintenance Upgrade (SMU)** package.

Only products listed in the *IOS XE Software Maintenance Upgrade (SMU) - Detailed Breakdown* section of

this document have the SMU package released for Cisco bug ID CSCwh87343 Privllege Escalation Vulnerability.

If no SMU package is available for the specific product or currently used IOS XE version, the software upgrade to the fixed version using a full IOS XE image must be performed.

Example 1:

On Catalyst 9200 Series Switch which currently runs IOS XE version 17.9.4 the fix for Cisco bug ID CSCwh87343 can be applied twofold:

1) full IOS XE image upgrade to version 17.9.4a

or

2) SMU package installed on the currently used version 17.9.4 (Reload Required)

Example 2:

On Catalyst 9200 Series Switch which currently runs IOS XE version 17.9.2 the fix for Cisco bug ID CSCwh87343 can be applied through a full IOS XE image upgrade to version 17.9.4a.

Full IOS XE Image Overview

The full IOS XE image versions are published for Extended Maintenance releases as described in this table. Estimated release dates are provided in Pacific Time (UTC-7):

Full IOS XE image version [Base Release + Cisco bug ID CSCwh87343 fix]	Base Release	**Routing/SDWAN**	**Switching**	**Wireless**	**IOT**	**SP Access and Pre - Aggregation Router**
17.9.4a	17.9.4	Published	Published	Published	Published	Published
17.6.6a	17.6.6	Published	Published	Published	Published	Published
17.6.5a	17.6.5	Published	N/A	N/A	N/A	N/A
17.3.8a	17.3.8	Published	Published	Published	Published	Published
16.12.10a	16.12.10	N/A	Published (Cat3850/3650 only)	N/A	N/A	N/A
17.12.2	17.12.2	Published	Published	Published	Published	Published

IOS XE Software Maintenance Upgrade (SMU) Overview

The Reload Required SMU packages are published for specific Extended Maintenance releases as described in this table. Estimated release dates are provided in Pacific Time (UTC-7). For other releases, please upgrade to full CCO images posted with the fix:

SMU version (Reload Required) [Cisco bug ID CSCwh87343 fix]	Base Release	**Routing**	**Switching**	**Wireless**
17.9.4 SMU	17.9.4	Published	Published	Published
17.9.3 SMU	17.9.3	N/A	Published	Published
17.9.3a SMU	17.9.3a	Published	N/A	N/A
17.6.5 SMU	17.6.5	Published	Published	Published

- General Software Maintenance Upgrade restrictions and installation steps are documented in the System Management Configuration Guide, Cisco IOS XE Cupertino 17.9.x (Catalyst 9300 Switches).
- Software Maintenance Upgrade information specific to Catalyst 9800 can be found in the 9800 configuration guide.

Full IOS XE Image Detailed Breakdown

This table lists the affected products and the date when the full IOS XE images are available for download.

Routing/SDWAN

Platform	**17.9.4a**	**17.6.6a**	**17.3.8a**
ASR1K -RP2/RP3	22 Oct 2023	28 Oct 2023	30 Oct 2023
ASR1K-1X	22 Oct 2023	28 Oct 2023	30 Oct 2023
ASR1K-2X	22 Oct 2023	28 Oct 2023	30 Oct 2023
ASR1K -1HX/2HX	22 Oct 2023	28 Oct 2023	30 Oct 2023
Catalyst 8500	22 Oct 2023	28 Oct 2023	30 Oct 2023
Catalyst 8500L	22 Oct 2023	28 Oct 2023	30 Oct 2023
Catalyst 8200, 8300	22 Oct 2023	28 Oct 2023	30 Oct 2023
Catalyst 8200L	22 Oct 2023	28 Oct 2023	30 Oct 2023
Catalyst 8000V	22 Oct 2023	28 Oct 2023	30 Oct 2023
ISR4461	22 Oct 2023	28 Oct 2023	30 Oct 2023

ISR4431, ISR4451	22 Oct 2023	28 Oct 2023	30 Oct 2023
ISR4300	22 Oct 2023	28 Oct 2023	30 Oct 2023
ISR4200	22 Oct 2023	28 Oct 2023	30 Oct 2023
ISR1100	22 Oct 2023	28 Oct 2023	30 Oct 2023
VG400	22 Oct 2023	28 Oct 2023	30 Oct 2023
VG410	22 Oct 2023	28 Oct 2023	30 Oct 2023
VG420	22 Oct 2023	28 Oct 2023	30 Oct 2023
VG450	22 Oct 2023	28 Oct 2023	30 Oct 2023
1100 Terminal Services Gateway	22 Oct 2023	28 Oct 2023	30 Oct 2023

Switching

Platform	17.12.2	17.9.4a	17.6.6a	17.3.8a	16.12.10a
Catalyst 9300, 9300L, 9400, 9500, 9600	15 Nov 2023	23 Oct 2023	26 Oct 2023	30 Oct 2023	N/A
Catalyst 9200, 9200L, 9200CX	15 Nov 2023	23 Oct 2023	26 Oct 2023	30 Oct 2023	N/A
Catalyst 3850, 3650	N/A	N/A	N/A	N/A	29 Oct 2023

Wireless

Platform	17.12.2	17.9.4a	17.6.6a	17.3.8a
Catalyst 9800-L	15 Nov 2023	23 Oct 2023	26 Oct 2023	30 Oct 2023
Catalyst 9800-CL	15 Nov 2023	23 Oct 2023	26 Oct 2023	30 Oct 2023
Catalyst 9800-40, 9800-80	15 Nov 2023	23 Oct 2023	26 Oct 2023	30 Oct 2023
EWC	15 Nov 2023	23 Oct 2023	26 Oct 2023	30 Oct 2023

IOT Switching

Platform	17.9.4a	17.6.6a	17.3.8a
IE3100	22 Oct 2023	26 Oct 2023	30 Oct 2023
ESS 3300	22 Oct 2023	26 Oct 2023	30 Oct 2023
IE9300, ESS9300	22 Oct 2023	26 Oct 2023	30 Oct 2023

IE3400H, IE3400, IE3300, IE3200	22 Oct 2023	26 Oct 2023	30 Oct 2023

IOT Routing

Platform	17.9.4a	17.6.6a	17.3.8a
IR1821, IR1831, IR1833, IR35	22 Oct 2023	26 Oct 2023	30 Oct 2023
ESR6300	22 Oct 2023	26 Oct 2023	30 Oct 2023
IR8340	22 Oct 2023	26 Oct 2023	30 Oct 2023
IR8140	22 Oct 2023	26 Oct 2023	30 Oct 2023
IR1101	22 Oct 2023	26 Oct 2023	30 Oct 2023

Service Provider (Aggregation and Pre-aggregation Routing)

Platform	17.9.4a	17.6.6a	17.3.8a
ASR900 RSP3	23 Oct 2023	26 Oct 2023	30 Oct 2023
ASR900 RSP2	23 Oct 2023	26 Oct 2023	30 Oct 2023
ASR920	23 Oct 2023	26 Oct 2023	30 Oct 2023
NCS520	23 Oct 2023	26 Oct 2023	30 Oct 2023
NCS4201	23 Oct 2023	26 Oct 2023	30 Oct 2023
NCS4202	23 Oct 2023	26 Oct 2023	30 Oct 2023
NCS4216	23 Oct 2023	26 Oct 2023	30 Oct 2023
NCS4206	23 Oct 2023	26 Oct 2023	30 Oct 2023

IOS XE Software Maintenance Upgrade (SMU) Detailed Breakdown

This table lists the affected producs and the date when the Reload Required SMU packages are available for download:

Routing

Platform	17.9.4 SMU	17.9.3a SMU	17.6.5 SMU
ASR1K -RP3	24 Oct 2023	31 Oct 2023	N/A
ASR1K-1X	24 Oct 2023	31 Oct 2023	28 Oct 2023

ASR1K-2X	24 Oct 2023	31 Oct 2023	28 Oct 2023
ASR1K -1HX/2HX	24 Oct 2023	31 Oct 2023	28 Oct 2023
Catalyst 8500	24 Oct 2023	31 Oct 2023	28 Oct 2023
Catalyst 8500L	24 Oct 2023	31 Oct 2023	28 Oct 2023
Catalyst 8200, 8300	24 Oct 2023	31 Oct 2023	28 Oct 2023
Catalyst 8200L	24 Oct 2023	31 Oct 2023	28 Oct 2023
Catalyst 8000V	24 Oct 2023	31 Oct 2023	28 Oct 2023
ISR4461	24 Oct 2023	31 Oct 2023	28 Oct 2023
ISR4431, ISR4451	24 Oct 2023	31 Oct 2023	28 Oct 2023
ISR4300	24 Oct 2023	31 Oct 2023	28 Oct 2023
ISR4200	24 Oct 2023	31 Oct 2023	28 Oct 2023
ISR1100	24 Oct 2023	31 Oct 2023	28 Oct 2023

Switching

Platform	17.9.4 SMU	17.9.3 SMU	17.6.5 SMU
Catalyst 9300, 9300L, 9400, 9500, 9600	24 Oct 2023	30 Oct 2023	26 Oct 2023
Catalyst 9200, 9200L, 9200CX	24 Oct 2023	30 Oct 2023	26 Oct 2023

Wireless

Platform	17.9.4 SMU	17.9.3 SMU	17.6.5 SMU
Catalyst 9800-L	24 Oct 2023	30 Oct 2023	26 Oct 2023
Catalyst 9800-CL	25 Oct 2023	30 Oct 2023	26 Oct 2023
Catalyst 9800-40, 9800-80	25 Oct 2023	30 Oct 2023	26 Oct 2023
EWC	25 Oct 2023	30 Oct 2023	26 Oct 2023

My Notifications Service

Customers can use **My Notifications** service to get notified about updates to Cisco bug ID CSCwh87343.

These instructions describe how to create a subscription:

1. Click the **Track a Bug** link.

2. Enter bug ID: [CSCwh87343.]

3. Set frequency of notifications (daily/weekly/monthly) and confirm the email address to be used.

4. Click the **Track a Bug** button.

