

Software Fix Availability for Cisco IOS XE Software Web UI Privilege Escalation Vulnerability - CVE-2023-20198

Contents

[Introduction](#)

[Software Fix Delivery](#)

[Full IOS XE Image - Overview](#)

[IOS XE Software Maintenance Upgrade \(SMU\) - Overview](#)

[Full IOS XE Image - Detailed Breakdown](#)

[Routing/SDWAN](#)

[Switching](#)

[Wireless](#)

[IOT Switching](#)

[IOT Routing](#)

[Service Provider \(Aggregation and Pre-Aggregation Routing\)](#)

[IOS XE Software Maintenance Upgrade \(SMU\) - Detailed Breakdown](#)

[Routing](#)

[Switching](#)

[Wireless](#)

[My Notifications service](#)

Introduction

This document describes a comprehensive list of software versions that have incorporated fixes for Cisco IOS® XE Software Web UI Privilege Escalation Vulnerability (CVE-2023-20198) - Cisco bug ID [CSCwh87343](#).

The security advisory can be viewed here:

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-iosxe-webui-privesc-j22SaA4z>

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

Software Fix Delivery

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](#).

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](#) should 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).

17.12 is in planning and target version will be updated by 27th Oct

Full IOS XE image version [Base Release + 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	31-Oct	31-Oct	31-Oct	31-Oct	31-Oct
17.3.8a	17.3.8	03-Nov	03-Nov	03-Nov	03-Nov	03-Nov
16.12.10a	16.12.10	N/A	06-Nov (Cat3850/3650 only)	N/A	N/A	N/A
17.12.2	17.12.2	In Planning	In Planning	In Planning	In Planning	In Planning

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).

17.3 based SMU under discussion and plan will be updated in below table soon

SMU version (Reload Required) [CSCwh87343 fix]	Base Release	Routing	Switching	Wireless
17.9.4 SMU	17.9.4	Published	Published	Published
17.6.5 SMU	17.6.5	31-Oct	31-Oct	31-Oct

General Software Maintenance Upgrade restrictions and installation steps are documented in this configuration guide:

https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst9300/software/release/17-9/configuration_guide/sys_mgmt/b_179_sys_mgmt_9300_cg/software_maintenance_upgrade.html

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	16.12.10a
ASR1K-RP2/RP3	22 Oct 2023			
ASR1K-1X	22 Oct 2023			
ASR1K-2X	22 Oct 2023			
ASR1K-1HX/2HX	22 Oct 2023			
Catalyst 8500	22 Oct 2023			
Catalyst 8500L	22 Oct 2023			
Catalyst 8200 , 8300	22 Oct 2023			
Catalyst 8200L	22 Oct 2023			
Catalyst 8000V	22 Oct 2023			
ISR4461	22 Oct 2023			
ISR4431, ISR4451	22 Oct 2023			
ISR4300	22 Oct 2023			
ISR4200	22 Oct 2023			
ISR1100	22 Oct 2023			
VG400	22 Oct 2023			
VG410	22 Oct 2023			
VG420	22 Oct 2023			
VG450	22 Oct 2023			
1100 Terminal Services Gateway	22 Oct 2023			

Switching

Platform	17.9.4a	17.6.6a	17.3.8a	16.12.10a
----------	---------	---------	---------	-----------

Catalyst 9300, 9300L, 9400, 9500, 9600	23 Oct 2023			
Catalyst 9200, 9200L, 9200CX	23 Oct 2023			
Catalyst 3850, 3650	N/A			

Wireless

Platform	17.9.4a	17.6.6a	17.3.8a	16.12.10a
Catalyst 9800-L	23 Oct 2023			
Catalyst 9800-CL	23 Oct 2023			
Catalyst 9800-40, 9800-80	23 Oct 2023			
EWC	23 Oct 2023			

IOT Switching

Platform	17.9.4a	17.6.6a	17.3.8a	16.12.10a
IE3100	22 Oct 2023			
ESS 3300	22 Oct 2023			
IE9300, ESS9300	22 Oct 2023			
IE3400H, IE3400, IE3300, IE3200	22 Oct 2023			

IOT Routing

Platform	17.9.4a	17.6.6a	17.3.8a	16.12.10a
IR1821, IR1831, IR1833, IR35	22 Oct 2023			
ESR6300	22 Oct 2023			
IR8340	22 Oct 2023			
IR8140	22 Oct 2023			
IR1101	22 Oct 2023			

Service Provider (Aggregation and Pre-Aggregation Routing)

Platform	17.9.4a	17.6.6a	17.3.8a	16.12.10a
ASR900 RSP3	23 Oct 2023			
ASR900 RSP2	23 Oct 2023			

ASR920	23 Oct 2023			
NCS520	23 Oct 2023			
NCS4201	23 Oct 2023			
NCS4202	23 Oct 2023			
NCS4216	23 Oct 2023			
NCS4206	23 Oct 2023			

IOS XE Software Maintenance Upgrade (SMU) - Detailed Breakdown

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

Routing

Platform	17.9.4 SMU	17.9.3 SMU	17.6.5 SMU
ASR1K -RP2/RP3	24 Oct 2023		
ASR1K-1X	24 Oct 2023		
ASR1K-2X	24 Oct 2023		
ASR1K -1HX/2HX	24 Oct 2023		
Catalyst 8500	24 Oct 2023		
Catalyst 8500L	24 Oct 2023		
Catalyst 8200 , 8300	24 Oct 2023		
Catalyst 8200L	24 Oct 2023		
Catalyst 8000V	24 Oct 2023		
ISR4461	24 Oct 2023		
ISR4431, ISR4451	24 Oct 2023		
ISR4300	24 Oct 2023		
ISR4200	24 Oct 2023		
ISR1100	24 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		
Catalyst 9200, 9200L, 9200CX	24 Oct 2023		

Wireless

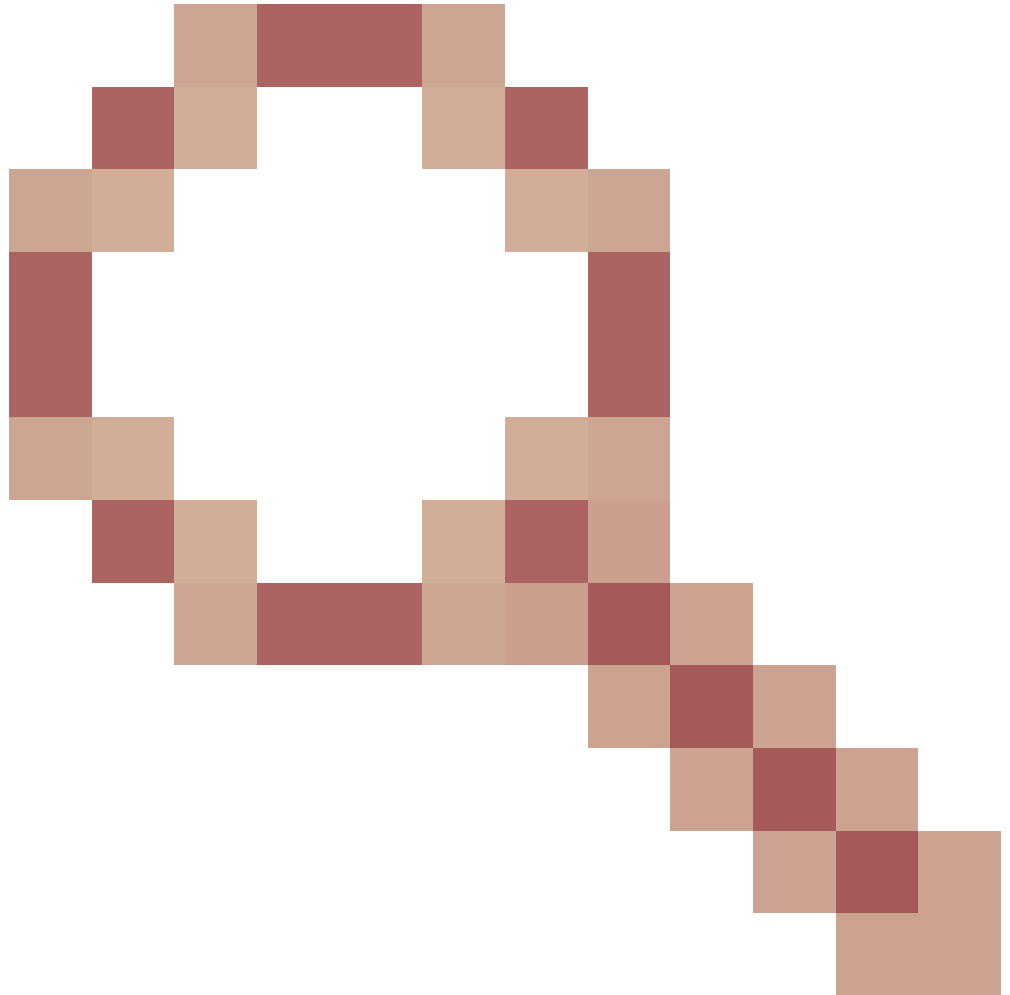
Platform	17.9.4 SMU	17.9.3 SMU	17.6.5 SMU
Catalyst 9800-L	24 Oct 2023		
Catalyst 9800-CL	25 Oct 2023		
Catalyst 9800-40 , 9800-80	25 Oct 2023		

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 "**Track a Bug**" link








2. Enter bug ID: [CSCwh87343](#)

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

3. Click "**Track a Bug**" button.

← → ↻ cway.cisco.com/mynotifications 🔒 📄 ☆

 My Notifications English    

EXPAND

Enter a specific Bug ID* 2 Frequency Email to* 3

FILTERS Email RSS

Subscriptions | 1