

Release Note for Catalyst C1300x Switches MR 4.10.1.15

First Published: 2026-04-24

Introduction

This release note is for Version 4.10.1.15. This software supports the Catalyst 1300x Stackable Managed Switch Series.



Note The full list of the supported SKUs and the minimal supported version per SKU can be found in below.

Supported Platform

The following tables lists the SKUs that are supported in the Catalyst 1300x series. Each table lists one of the Catalyst 1300x Series and provides information on each SKU description, OID and minimum supported version. Boards not listed in the following table are not supported by Catalyst C1300x release.

sysOID branch: iso (1) . org (3) . dod (6) . internet (1) . private (4) . enterprises (1) . cisco (9) . ciscoProducts (1) (OID field below begins from cisco (9) . ciscoProducts (1))

Table 1: Catalyst 1300x Stackable Managed Switches

Device PID	Description	OID	Minimum Supported Version
C1300X-10NU-2X	Catalyst 1300X Series Managed Switch, 10*5G+2SFP28 (C1300X-10NU-2X)	9.1.3410	4.10.0.85
C1300X-24MU-4X	Catalyst 1300X Series Managed Switch, 24*2.5G+4SFP28 (C1300X-24MU-4X)	9.1.3311	4.10.0.85
C1300X-24NGU-4X	Catalyst 1300X Series Managed Switch, 16GE+8*5G+4SFP28 (C1300X-24NGU-4X)	9.1.3412	4.10.0.85
C1300X-24P-4X	Catalyst 1300X Series Managed Switch, 24GE+4SFP28,PoE (C1300X-24P-4X)	9.1.3413	4.10.0.82

C1300X-24T-4X	Catalyst 1300X Series Managed Switch, 24GE+4SFP28 (C1300X-24T-4X)	9.1.3414	4.10.0.82
C1300X-48NGU-4X	Catalyst 1300X Series Managed Switch, 40GE+8*5G+4SFP28 (C1300X-48NGU-4X)	9.1.34.15	4.10.0.82
C1300X-48P-4X	Catalyst 1300X Series Managed Switch, 48GE+4SFP28, PoE (C1300X-48P-4X)	9.1.3416	4.10.0.82
C1300X-48T-4X	Catalyst 1300X Series Managed Switch, 48GE+4SFP28 (C1300X-48T-4X)	9.1.3417	4.10.0.82

What's New

This section details new features and modifications added to Version 4.10.1.15 compared to previous releases.

New ignore-nas-id-attributes Option for RADIUS CoA

In NAT-based deployments, RADIUS Change of Authorization (CoA) requests may be rejected due to a mismatch between the NAS identifier in the CoA packet and the switch IP address or hostname. This can happen since packets sent by the CoA Client are addressed to the NAT gateway address before translation.

As of version 4.1.9.85, an optional ignore-nas-id-attributes setting was added to the client command (under aaa server radius dynamic-author configuration mode) to allow CoA requests to be processed despite a NAS identifier mismatch. When enabled, session identifiers are still validated. By default, this setting is disabled and the switch continues to enforce both NAS and session identifier validation, in accordance with RFC behavior.

New OSPF GUI Screens (4.10.1.15)

Version 4.10.1.15 added support for 2 additional GUI screens supporting OSPF functionality:

1. OSPFv2 Neighbor - displays the OSPFv2 neighbor table.
2. OSPFv3 Neighbor - displays the OSPFv3 neighbor table.

Support Additional Tag Values for RADIUS VLAN Attributes (RAVA/DVA)

In earlier versions, RADIUS attributes used for RAVA/DVA VLAN assignment were ignored if the Tag field was set to a non-zero value, which could prevent VLAN assignment when using default Cisco ISE configurations. As of version 4.1.9.85, the switch now supports Tag values in the range 0x00–0x1F for RADIUS attributes Tunnel-Type (64), Tunnel-Medium-Type (65), and Tunnel-Private-Group-ID (81), in accordance with RFC 2868. This enhancement improves interoperability with Cisco ISE and eliminates the need for additional server-side configuration when using tagged RADIUS VLAN attributes.

CBD Network Probe Version

In Version 4.10.0.15 the CBD Network Probe version was upgraded to version 2.10.1.20250619

Enhanced Fan Status and Monitoring

The output of the show system fans command has been enhanced to include a Fan Duty Cycle field, which indicates the current operating capacity (percentage) of each fan.

In addition, a new “Warning” fan status and corresponding syslog message are now generated when a fan reaches 100% utilization, providing earlier visibility into potential thermal or cooling issues.

Enhanced PoE Information Display

The information provides for the “show power inline <interface>” was enhanced. The following fields were updated or added:

- Port Status field – For interfaces supporting the IEEE 802.3bt Type 3 (4-pair) standard, port status information is now displayed for both power channels (ALT-A and ALT-B), even when the connected powered device (PD) is a Single-Signature PD.
- PD Signature Check field – This field now supports a new value, “Invalid”, indicating that the connected PD is neither a Dual-Signature nor a Single-Signature PD. The Invalid status is also displayed when the port is down or when other PD signature detection errors occur.
- PD Auto Class Status field – A new field indicating whether Auto Class negotiation is supported and enabled on the connected PD.

Enhanced PoE Counter Display for 802.3bt Interfaces

For interfaces supporting the IEEE 802.3bt Type 3 (4-pair) standard, PoE counters now display separate counters for both power channels (ALT-A and ALT-B) for both Dual-Signature and Single-Signature powered devices (PDs).

Previously, separate ALT-A and ALT-B counters were shown only for Dual-Signature PDs. For Single-Signature PDs, only a single set of counters was displayed.

There is no change for interfaces supporting the IEEE 802.3bt Type 3 (2-pair) standard. The display for this interface will continue to display a single set of PoE counters.

Caveats

Caveats Acknowledged in Release 4.10.1.15.

Bug ID	Description
CSCwr76723	<p>Symptom</p> <p>In the PoE port limit mode, power negotiation via LLDP may cause abnormal behavior.</p> <p>Workaround</p> <p>None</p>

Bug ID	Description
CSCwu07969	<p>Symptom</p> <p>Configuring a negative timezoneoffset results in an incorrect certificate validity period.</p> <p>Workaround</p> <p>None</p>
CSCwu13951	<p>Symptom</p> <p>Changing the SNMPv3 auth and priv passwords does not take into effect.</p> <p>Workaround</p> <p>Reconfigure the settings, or save the current configuration and reload the device.</p>
CSCwu13959	<p>Symptom</p> <p>Incorrect display of C1300X OSPFv3 Neighbor Role/Local Interface</p> <p>Workaround</p> <p>Verify the information using the CLI.</p>

Caveats Resolved in Release 4.10.1.15

Bug ID	Description
CSCwu08335	<p>Symptom</p> <p>RAVA RADIUS tag support (DVA enhancement).</p>
CSCwr71240	<p>Symptom</p> <p>The device crashes if the "show ip ospf database router" command is executed with more than 3000 route entries.</p>
CSCws26119	<p>Symptom</p> <p>CLI command "show platform integrity sign nonce 123" and "show platform sudi certificate sign nonce 123" fails.</p>
CSCwr28463	<p>Symptom</p> <p>The Cisco DBS-210 Base Station cannot be powered on via PoE.</p>
CSCwu07975	<p>Symptom</p> <p>During bootup after a hard reset, the device should not deliver power to the PD Fast POE since it is not supported.</p>
CSCwr86520	<p>Symptom</p> <p>During bootup after a hard reset, the device should not deliver power to the PD Fast POE since it is not supported.</p>

Bug ID	Description
CSCwr86811	<p>Symptom</p> <p>The "operational power limit" value in the output of the "show power inline" command is incorrect when a Class 4 or Class 5 PD is connected.</p>
CSCwr76567	<p>Symptom</p> <p>OSPFv3 displays a learned /128 route in the totally stub/nssa area.</p>
CSCwr76572	<p>Symptom</p> <p>In some cases the output of the "show ipv6 route" command displays OIA route types as O route types</p>
CSCwr76655	<p>Symptom</p> <p>The device on line help mentions Auto Detection as a supported console speed setting. Actually only static speeds are supported.</p>
CSCwr76525	<p>Symptom</p> <p>The console may get stuck after running for a long time.</p>
CSCwr76652	<p>Symptom</p> <p>PoE in some cases, after disabling and then enabling CDP negotiation, the device will deliver 39W power even though the AP requested only 30W. This issue happens only with some APs that support class 6.</p>
CSCwr76663	<p>Symptom</p> <p>The datetime of syslog on the remote log server is incorrect when configuring the timezone with negative offset.</p>

