ZYXEL

Software Release Note
Switch CX4800 Series

Date: October 14, 2026

Zyxel Switch CX4800 Series

V2.00(ACJN.2)C0 Release Note

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This document describes the features in the CX4800 series for its 2.00(ACJN.2)C0 release.

Supported Platforms

Support Platform	Firmware version	Boot Version
Zyxel CX4800-56F	V2.00(ACJN.2)C0	V1.00 | 17/01/2025

New Feature and Enhancements

1. Enhance MAC-address maximum limit from 32K to 64K.

Bug fix

Bug fix		Nebula	Standalone
1.	[eITS#260401986] Fixed device crash during SSH login.	V	V
2.	[eITS#260401986] Fixed an issue where trunk reinitialization may cause link interruptions.	V	
3.	[eITS#260401986] Fixed an issue on cloud-managed models where attempting to re-create an existing Out-of-Band (OOB) IP domain configuration could result in configuration loss or unexpected settings errors.	V	
4.	[eITS#260401986] Fixed MGMT port login failure during stacking takeover.	V	V
5.	[eITS#260401986] Fixed an issue where the mac-flush command failed to flush ARP entries for trunk groups except T1.	V	V

Bug fix		Nebula	Standalone
6.	[eITS#260401986] Fixed an issue where the switch could not properly clear ARP entries for non-trunk ports.	V	V
7.	[eITS#260401986] Fixed abnormal temperature readings displayed on the web GUI dashboard.	V	V
8.	[eITS#250700317] Reduced stacking takeover time by optimizing VLAN trunk processing.	V	V
9.	Fixed VLAN configuration errors when managing cloud stacking with more than 500 VLANs.	V	
10.	Fixed an issue where switches with ARP Inspection enabled would continuously generate false 'unauthorized host mac' log messages, even when the client was properly authenticated and bound in the DHCP snooping table.	V	V
11.	Fixed an issue where combining stacking with link aggregation could cause trunk port link establishment to fail, leading to high CPU utilization and packet loss.	V	V
12.	Fixed an issue where an IP port move event could trigger CPU MAC address table instability, preventing normal switch CPU traffic processing.	V	V
13.	Lose default gateway IP configuration when using the Zyxel ONE Network (ZON) utility to change the IP address but default gateway not changed.	V	V
14.	Resolved an issue where Static MAC Address Forwarding did not function correctly.	V	V
15.	Fixed SNMP community can configure empty string.	V	V

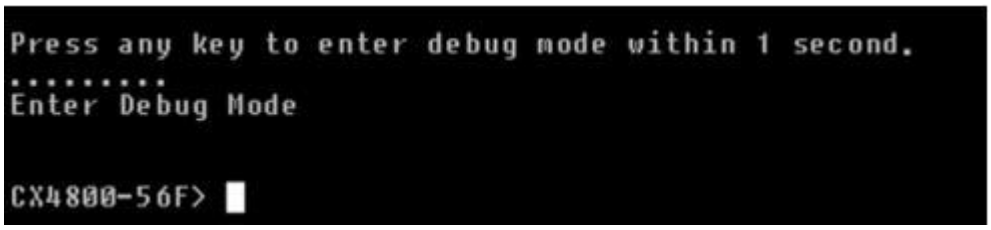
Known Issue

1. Restoring a configuration with non-default stacking port FEC (CL91) settings may cause the stacking port link to go down and up.
2. After reboot, in ring stacking topology, one stacking link may fail to come up and require an additional reboot to recover.
3. After connecting the Zyxel 10G-DAC, the port status and link up speed both show 25G. It is recommended to set it to forced 10G.
4. The ACL page displays IPv6 options, but IPv6 classifiers are not supported.
5. Forward Error Correction (FEC) negotiation result may inconsistent when using SFP with 100G-an or 100G-full.
6. Port counters may be cleared when a 1G/10G link goes down or when the port speed changes.
7. Due to chip limitation, packet priority set by ACL rules will be reset to 0 when traffic passes across stacking slots.
8. Due to chip limitation, VLAN (802.1Q) tags will not be copied on egress mirrored traffic when traffic passes across stacking slots.
9. A Switch crash may occur on the stack when clients send continuous IGMPv3 Join/Leave packets while Router IGMP is enabled.
10. In stacking, A traffic loop may occur and access device page fail during IGMP Join/Leave forwarding across Trunk member ports when Router IGMP is enabled.
11. In stacking, IGMP Join/Leave packets are incorrectly dropped (not flooded) when the "unknown-multicast-frame drop" feature is enabled on an IGMP router.
12. Outgoing PPPoE-IA packets failed to retain outer-VLAN tags applied via QinQ VLAN.

Reset switch to factory-default setting:

If the user password is forgotten, follow the steps below to reset the device to its factory default configuration.

1. Connect the console to the switch and ensure the baud rate is set to 115200.
2. Power on the switch, then press any key when you see the message: "*Press any key to enter debug mode within 1 second.*"



3. In debug mode, enter 'atrf'. The switch will restart and load the factory default configuration.



4. After the device boots up, you can log in using the default account and password.

Note: The default administrator password can be found on the back label of the switch.

Limitation of Settings:

	Limitation of Setting	Cloud	Standalone
1.	Cluster member	-	24
2.	VLAN 1Q static entry	1024	4094
3.	Static MAC forwarding entry	-	256
4.	MAC filtering entry	256	256
5.	IP routing domain	256	256
6.	IGMP Filtering entry	256	256
7.	IGMP MVR entry	-	256
8.	Protocol based VLAN entries per port	7	7
9.	Port-security max address-limit number	64K	64K
10.	DHCP Server	-	16
11.	Syslog server entry	-	4
12.	IP source guard entry	128	1024
13.	IP subnet based VLAN entry	-	16
14.	MVR VLAN entry	-	5
15.	VLAN-stacking Selective QinQ entry	-	1024
16.	VLAN-mapping entry	-	1024
17.	MAC table	64K	64K
18.	Routing table	12288	12288
19.	DHCP snooping binding table	-	16K
20.	Multicast group	1024	1024
21.	IPv4 ACL	128	640
22.	Ipv6 ACL	-	128
23.	DHCP option 82 profile	16	130
24.	Static ARP entry	-	256
25.	Static route max entry	64	64
26.	MAC-based VLAN	-	1024
27.	ZON neighbor per-port maximum clients	-	10
28.	Queue	6	8
29.	Trunk groups	28	28*
30.	Max port per trunk	8	8

*In stacking mode, up to 48 trunk groups are supported.

Change History

- V2.00(ACJN.2) | 10/14/2026
- V2.00(ACJN.1) | 03/13/2026
- V2.00(ACJN.0) | 12/22/2025
- V1.00(ACJN.3) | 04/09/2025
- V1.00(ACJN.2) | 03/05/2025
- V1.00(ACJN.2) | 01/17/2025