

ZYXEL

Software Release Note NebulaFlex Switch XS1935 Series

Date: Apr 29, 2026

Zyxel NebulaFlex Switch XS1935 Series

V2.00(ACL_.2)C0 Release Note

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This document describes the features in the XS1935 series for its 2.00(ACL_.2)C0 release. XS1935 series is a hybrid switch with NebulaFlex technology to support operation in either Standalone mode or Nebula cloud management mode.

Supported Platforms

Support Platform	FaOS Firmware version	Boot Version
Zyxel XS1935-10	V2.00(ACLL.2)C0	V1.00 03/13/2025
Zyxel XS1935-12HP	V2.00(ACLM.2)C0	V1.00 03/13/2025
Zyxel XS1935-12F	V2.00(ACLN.2)C0	V1.00 03/13/2025

New Feature and Enhancements

- 1. Optimized system stability and synchronization with Nebula to enhance overall device connectivity and management reliability.

Bug fix

Bug fix	Nebula	Standalone
1. [eITS #251000993] Supplicants that have successfully passed 802.1X authentication may still be incorrectly assigned to guest VLAN if the reachability of RADIUS server is unstable.	V	V
2. [eITS # 251001289] Fixed an issue where Outgoing PPPoE IA packets failed to retain outer VLAN tags applied via QinQ VLAN.	V	V
3. [eITS # 260100478] Fixed the IGMP snooping	V	V

Bug fix	Nebula	Standalone
backup querier takeover time not updating correctly after the active querier's query interval changed.		
4. [eITS # 260100838] Fixed partial configuration loss after switch reboots when the Remote Management IPv4 Start Address was configured and the End Address was set to 0.0.0.0.	-	V
5. [eITS # 241200595] Fixed high CPU usage triggered by client switching between trunk interfaces.	V	V

Known Issue

Known Issue	Nebula	Standalone
1. [Cluster] The switch cannot access cluster member when cluster member's password been encrypted.	-	V
2. [Cluster] Cluster member port detail status is incorrect.	-	V
3. [Port] The link LED will turn on when plug-in SFP-100TX or SFP-1000T while cable is not connected.	V	V
4. [Cloud authentication] The client takes a long time to pass MAC authentication after the device reboots.	V	-
5. Only 2 criteria of link aggregation can be used at the same time. The third criteria set on trunks will not be implemented, but follow the first criteria.	-	V

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."

```
Press any key to enter debug mode within 1 second.  
.....  
Enter Debug Mode  
  
XS1935-12F> █
```

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

```
XS1935-12F> atrf  
Restore done, reboot !
```

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

Limitation of Settings:

Limitation of Setting	Nebula	Standalone
1. 802.1Q Static VLANs	1K	1K
2. Static MAC forwarding entry	-	256
3. MAC filtering entry	256	256
4. IP address table	512	512
5. MAC table	16K	16K
6. Multicast group	1K	1K
	Unlicensed: 128	Unlicensed: 128
7. IPv4 ACL	Licensed: 256	Licensed: 256
8. IPv6 ACL	128	128
9. MSTP instance	-	16
10. DHCP Relay Entry	IPv4: 32 IPv6: -	IPv4: 32 IPv6: 32
11. Static ARP entry	-	256
12. IP interface	IPv4: 32 IPv6: -	IPv4: 32 IPv6: 32
13. Static route max entry	IPv4:32 IPv6:32	IPv4:32 IPv6:32
14. Trunk groups	5	5
15. Per trunk group port number	8	8

Change History

- V2.00(ACL_.2) | 04/29/2026
- V2.00(ACL_.1) | 11/10/2025
- V2.00(ACL_.0) | 05/08/2025