

Release Notes

LCOS SX 5.30 RU1

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1. Preface

The LANCOM family of operating systems—LCOS, LCOS SX, LCOS LX, and LCOS FX—forms the trusted basis for the entire LANCOM range of products. Within the scope of the hardware specified by the products, the latest firmware version is available for all LANCOM products and is offered by LANCOM Systems for download free of charge.

LCOS SX 5.3x is the operating system for the LANCOM switches CS-8132F and YS-7154CF.

The following LCOS SX operating systems are also available for other LANCOM switches:

LCOS SX 5.2x is the operating system for all LANCOM switches of the XS-5100, XS-4500, and GS-4500 series, as well as for the LANCOM XS-6128QF.

LCOS SX 4.30 is the operating system for all LANCOM switches of the series XS-3500, GS-3600, GS-3500, and GS-3200, as well as for the LANCOM switches GS-3152(X/XP/XSP), GS-3126(X/XP), and IGS-3510XUP.

LCOS SX 4.00 is the operating system for the LANCOM GS-3152P.

LCOS SX 3.34 is the operating system for all LANCOM switches of the GS-2300 and GS-1300 series..

The release notes for these device series can be found as usual on the LANCOM website in the download area of the respective switch.

This document describes the new features of the LCOS SX software release 5.30 RU1 as well as the changes and improvements to the previous version.

Devices delivered with LCOS SX 5.00 or higher automatically connect to the LANCOM Management Cloud (LMC). This functionality provides zero-touch installation for new devices. In case you do not want to use the LMC, this feature can be disabled at any time on the device's WEBconfig under "Configuration > LMC". You can manually re-enable the usage of the LMC whenever you want.



2. The release tag in the software name

Release Candidate (RC)

A Release Candidate has been extensively tested by LANCOM and includes new LCOS features. It is suitable for testing and is not recommended for use in productive environments.

Release Version (REL)

The release version has been extensively and successfully tested in practice. It contains new features and improvements over previous LANCOM operating system versions and is therefore recommended for use in productive environments.

Release Update (RU)

A release update is a further development of an initial release version in productive environments and contains minor improvements, security fixes, bug fixes and smaller features.

Security Update (SU)

Contains important security fixes for the respective LANCOM operating system version and ensures that your security level remains very high on an ongoing basis in your productive environment.

3. Note on the firmware update

Never disconnect the switch from the power supply during a firmware update, as the device will not start properly if the update process is aborted.

Please make sure to **back up your configuration files** before updating your LANCOM devices to a new firmware version!

Due to the partly extensive feature enhancements, a **downgrade** to the old firmware is **no longer possible** automatically **without such a backup**.

Please note that different firmware files may be available for your device.

4. New features, improvements, and history

LANCOM CS and YS series - LCOS SX 5.30.0311 RU1

New features

- Functionality extended to include SFP autosensing of plugged-in transceivers and thus automatic configuration of the optical connection link
Note: The new default for this function is 'Enabled'. Please ensure that the port speed configuration matches the cable, especially when using Direct Attach Cables (DAC) before updating.
- Functionality extended to include orphan ports in the VPC protocol, enabling connection of clients without LAG support (e.g., hypervisor)
- Support for TLS 1.3
- The permitted password length for SNMP users has been increased from 32 to 128 characters.

Bug fixes

- When using a private VLAN, the management VLAN (VLAN 1 in the default configuration) could not be added to the permitted VLANs. As a result, it was no longer possible to access the switch configuration on the ports with the private VLAN.
- If the 'Management Address' in the 'Switching / LLDP / Remote Devices' menu remained empty, the string "nil" was displayed instead of an empty field.
- Adjustments to the 'DNS source interface' parameter were not saved as boot-persistent. This meant that after saving the configuration as the startup configuration and then restarting the switch, the parameter was reset to its default value.
- When obtaining time via NTP, the message "no time source" was displayed in the web interface in the 'System / Advanced Configuration / Time Zone / Summary' menu under 'Time Source'.

5. Common advice

Disclaimer

LANCOM Systems GmbH does not take any guarantee and liability for software not developed, manufactured or distributed by LANCOM Systems GmbH, especially not for shareware and other extraneous software.

Support notes & known issues

Latest support notes and known issues regarding the current LCOS SX version can be found on our website: [Support tips](#)

