

Release Notes

LCOS LX

7.00 Rel

Table of contents

02	1. Preface
02	2. The release tag in the software name
03	3. Device-specific compatibility to LCOS LX
03	4. Notes on LCOS LX
03	Information on default settings
03	5. Known restrictions
04	6. History LCOS LX
04	LCOS LX - improvements 7.00.0080 Rel
05	7. General notes
05	Disclaimer
05	Backing up the current configuration



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.

This document describes the innovations within LCOS LX software release 7.00 Rel, as well as the improvements since the previous version.

Before upgrading the firmware, please pay close attention to chapter 7 “General notes” of this document.

Latest support notes and known issues regarding the current LCOS LX version can be found in the support area of our website www.lancom-systems.com/service-support/instant-help/common-support-tips.

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. Device-specific compatibility to LCOS LX

LANCOM products regularly receive major firmware releases throughout their lifetime which provide new features and bugfixes. LCOS LX release updates including bugfixes and general improvements are available on a regular basis for devices which do not support the latest LCOS LX version. You can find an overview of the latest supported LCOS LX version for your device under www.lancom-systems.com/lifecycle.

4. Notes on LCOS LX

Information on default settings

Devices delivered with LCOS LX 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 while running the default setup wizard for the initial configuration, or at any time from within LANconfig under Management > LMC. You can manually re-enable the usage of the LMC whenever you want.

5. Known restrictions

- Local configuration changes are not transferred to the LMC.
- The scripting of the device from the LMC is currently not supported, but the use of add-ins is.

6. History LCOS LX

LCOS LX - improvements 7.00.0080 Rel

New features

General

- Support for Wi-Fi 7 and the access point LANCOM LX-7500
- Support for (Rapid) Spanning Tree

Bugfixes / improvements

General

- When using the class-based PoE negotiation, reserved memory was not released again. This caused the access point to restart unexpectedly.
- The BLE scan only worked sporadically.
- As of LCOS LX 6.20 Rel, the access points did no longer send the 'Host Name' in the DHCP request.
- In the WEBconfig interface, 'Enhanced Open' could not be selected as an authentication method.
- In a LEPS scenario with VLAN, it could happen with the LANCOM LX-7300 / LX-7500 devices that ARP requests from wireless clients connected to the same SSID were not answered.
- In a scenario with a LANCOM LX-7300, in which 5 GHz was switched off and only 2.4 GHz and 6 GHz were used, 6 GHz clients could not connect to an SSID.
- In WEBconfig, the LMC coupling with the LMC coupling wizard did not work.
- A device configuration downloaded via WEBconfig, which was changed after downloading, could not be loaded back into the device via WEBconfig.
- The DHCP server of the LMC hotspot on an access point only supports IPv4. If the access point acted as a hotspot gateway and an IPv6 DNS server was assigned to it, the DHCP server on the access point rejected the DNS configuration. As a result, wireless clients could not perform DNS resolution and the redirect to the hotspot did not work.

7. General notes

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.

Backing up the current configuration

Before upgrading your LANCOM devices to a new LCOS LX version it is essential to backup the configuration data!

Due to extensive features it is **not possible to downgrade** to a previous firmware without using the backup configuration.

Please see the LCOS LX reference manual for instructions on how to upgrade the firmware.

We strongly recommend updating productive systems in client environment only after internal tests. Despite intense internal and external quality assurance procedures possibly not all risks can be eliminated by LANCOM Systems.

