

Information for

LANCOM Management System (LCMS) Version 8.80 Rel

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LANCOM Systems GmbH
 Adenauerstrasse 20 / B2
 52146 Wuerselen
 Germany

Internet: <http://www.lancom.eu>

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1. Preface

LCMS, consisting of LANconfig and LANmonitor, serves for the administration of all Wireless LAN Access Points and Routers. The at a time latest versions are available for all LANCOM products. You can download it for free at <http://www.lancom-systems.com>

This document describes the innovations within version 8.80 Rel, as well as the modifications since version 8.62.

Note

LCMS supports Windows XP (as from SP3), Windows Vista, Windows 7, Windows 8, Windows 2003 Server, Windows 2008 Server and Windows Server 2011 (all 32- and 64-bit versions).

As from version 8.50 the paths for user data and application data have changed.

In Windows XP and Windows 2003 Server you will find user data under \Documents and Settings\USER\Application Data\LANCOM\ and the application files under \Documents and Settings\All Users\Application Data\LANCOM\.

For Windows Vista and Windows 2008 Server you will find user data under \Users\USER\AppData\Roaming\LANCOM\ and the application files under \ProgramData\LANCOM\.

When upgrading to version 8.50 or newer existing user data and application data are moved to the corresponding folders.

2. New Features, Improvements and History

LANconfig improvements 8.80.035 RC2 ► 8.80.0050 Rel LANmonitor improvements 8.80.0024 RC3 ► 8.80.0025 Rel

Bugfixes / Improvements:

(W)LANmonitor:

- If a device with an IPv6 address is added to LANmonitor, LANmonitor will not try to resolve this address as DNS name

LANconfig improvements 8.80.0035 RC2 ► 8.80.0050 RC3 LANmonitor improvements 8.80.0014 RC2 ► 8.80.0024 RC3

New Features:

LANconfig:

- The WPA passphrase for LEPS can be stored in the RADIUS user table, too. So a LANCOM device without WLAN module can be used as RADIUS server for WLAN authentication incl. LEPS
- Serial connection upload errors are displayed
- The Public Spot wizard optionally creates links on the desktop for simplifying Public Spot user setup
- Algeria was added to the WLAN wizard

Bugfixes / Improvements:

LANconfig:

- If in the Public Spot wizard you select to separate the Public Spot network from other internal networks, DNS is permitted in the firewall. So this scenario can be used with local routing, too
- A password can be generated directly from within the settings of the password generator
- Under Windows XP an IPv6 default route can be added manually
- Improved creation of a polling entry by the internet wizard
- The firmware archive can be configured without having the online update activated
- After searching for devices the firmware archive is not automatically searched for a current LCOS version for the found device
- A temporarily specified device password (e.g. when opening the configuration) is not stored permanently while editing the device properties
- No more PSK error message in the VPN wizard, if the page is again shown/skipped after specifying a PSK
- Reworked Save/Open functionality for trace data (icons and menu items) in the trace module
- The Public Spot wizard does no longer offer WLC interfaces for selection on Access Points

(W)LANmonitor:

- The ISDN user display shows the interface correctly
- For the LANCOM 1722, LANCOM 1734 and LANCOM 1724 IPv6 addresses are shown
- IPv6 DMZ networks are shown in LANmonitor

LANconfig improvements 8.80.0027 RC1 ► 8.80.0035 RC2
LANmonitor improvements 8.80.0008 RC1 ► 8.80.0014 RC2

New Features:

LANconfig:

- STBC and LDPC configurable via LANconfig
- Support for new contentfilter category „Command & Control Server“
- Improved WAN access rights configuration in the basic setup wizard
- Network interface assignment can be done within the Public Spot wizard

(W)LANmonitor:

- Multiple VPN error messages can be reset at the same time

Bugfixes / Improvements:

LANconfig:

- The generated LANCOM Advanced VPN Client ini file contains real values
- An open „Manage Source“ window can be closed using ESC / Enter key without using the mouse
- Improvements in the Public Spot configuration
- Redesigned Password generator
- Selecting WLAN channels via checkboxes is possible again
- The VPN-Client wizard saves the identity to the configuration
- If the Public Spot wizard separates the Public Spot network from other internal networks by routing tag, corresponding firewall rules are created

(W)LANmonitor:

- The correct type state is shown within the DHCP table
- Option setting „Monitor device via WAN connection“ is working again
- Separate display of IPv4 and IPv6 firewall log table

LANconfig improvements 8.62.0021 RU2 ► 8.80.0027 RC1

LANmonitor improvements 8.62.0010 RU1 ► 8.80.0008 RC1

New Features:

LANconfig:

- By default, syslog output is changed to show new entries on top of the table
- In the RADIUS user table the relevance for upper-/lowercase when entering the username can be configured
- By default, accounting data is no longer written to the syslog protocol
- Using the DynDNS wizard the DynDNS provider „Dynaccess.de“ can be configured for IPv6
- The IPv6 firewall is configurable by LANconfig
- Configurable SNMP read only community
- Support for Windows 8
- WLAN keys are shown in a password field
- The Internet wizard is extended by a configurable polling entry
- Implementation of an initial setup wizard for PublicSpot
- Extended Internet wizard for provider „CCNST“
- The “Remove remote site or access“ wizard removes all IPv6 parameters, too
- The selection dialogue within the configuration was reworked
- Within selection dialogues sources can be directly edited

(W)LANmonitor:

- WLAN Spectral Scan can be invoked from LANmonitor
- The IPv6 firewall log and IPv6 DHCP tables can be shown in LANmonitor
- Support for Windows 8
- Extended the DHCP display by issue date
- Graphical link state display for the ethernet ports

Bugfixes / Improvements:

LANconfig:

- No more application crash when trying to upload a configuration file from another router type to a LANCOM device
- The antenna gain can be specified in LANconfig using negative values, too
- LAN-5 can be allocated to the ethernet ports of the WLC-4006 and WLC-4025, too
- A previously created offline configuration for a 3G-able LANCOM device without ISDN interface can be uploaded without errors
- Improvements for the SIP-ALGs PBX display
- IPv6 addresses are shown by LANmonitor
- HTTP communication with changed ports can be used again
- Specifying a negative antenna gain is now possible
- The firmware for a LANCOM GS-2352 is shown in the file selection dialogue
- When opening an offline config the GPS location check does no longer lead to an error
- The RAS wizard shows the correct local network even if the default intranet was deleted/renamed
- The internet wizard does not create an IPv4 default route for an exclusive IPv6 internet access
- The Fax gateway option can be selected in an offline configuration again

(W)LANmonitor:

- Improved Windows resource handling
- If no device password is stored within LANmonitor, no error message is shown when trying to delete a device error message
- The ethernet link state is no longer shown for a disabled port
- VPN connection display adjustments