Information regarding

LANCOM Management System (LCMS) Version 9.20 Rel

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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 9.20 Rel, as well as the modifications since version 9.10.

Note

LCMS supports Windows Vista, Windows 7, Windows 8, Windows 10, Windows 2008 Server, Windows Server 2011 (all 32- and 64-bit versions) and Windows Server 2012 & Windows Server 2012 R2.

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- and application data is moved to the corresponding folders.

2. New Features, Improvements and History

LANconfig Änderungen von 9.20.0099 RC2 ► 9.20.0109 Rel
LANmonitor Änderungen von 9.20.0075 RC2 ► 9.20.0080 Rel

Bugfixes / Improvements:

LANconfig:

- Modified help texts
- Multiple entries with the same MAC address can be stored in the BootP table again
- BGP can be configured on an IAP-4G again

(W)LANmonitor:

- Point-to-Point partners and WLAN information is displayed again

LANconfig improvements 9.20.0090 RC1 ► 9.20.0099 RC2
LANmonitor improvements 9.20.0067 RC1 ► 9.20.0075 RC2

Bugfixes / Improvements:

LANconfig:

- IKEv2 remote stations are now displayed within the firewall stations object list
- Adding the SNMP community „Default" does not delete all entries
- An encrypted configuration file can be uploaded to the device by "Drag&Drop"

(W)LANmonitor:

- If a WLAN interface is disabled, no information for this interface (e.g. channel load) is displayed
- WLC information display is correct

LANconfig improvements 9.18.0035 RU3 ► 9.20.0090 RC1
LANmonitor improvements 9.18.0020 RU2 ► 9.20.0067 RC1

New Features:

LANconfig:

- Added a link to the online documentation
- Support for new devices: LANCOM GS-2326P+

(W)LANmonitor:

- WLANmonitor can be started temporarily
- WLANmonitor can be started from LANmonitor

LANconfig improvements 9.18.0033 RU2 ► 9.18.0035 RU3

New Features:

LANconfig:

- Support for new devices: LANCOM 1783VA (over POTS). 1783VAW (over POTS), 1783VA-4G (over POTS).

LANconfig improvements 9.18.0018 RU1 ► 9.18.0033 RU2
LANmonitor improvements 9.18.0014 RU1 ► 9.18.0020 RU2

New Features:

LANconfig:

- Enhanced Public Spot wizard

Bugfixes / Improvements:

LANconfig:

- LANconfig does no longer crash when remote sites are deleted via wizard
- When saving encrypted configurations the used password has to be entered twice to avoid typing errors
- The All-IP wizard creates ISDN users accurately

(W)LANmonitor:

- The Accesspoint ID can be read out again

LANconfig improvements 9.18.0016 Rel ► 9.18.0026 RU1
LANmonitor improvements 9.18.0010 Rel ► 9.18.0014 RU1

New Features:

LANconfig:

- Support for new devices: LANCOM 1784VA

Bugfixes / Improvements:

LANconfig:

- Device scan works again when a network is reachable through multiple interfaces
- The WLC setup wizard is available if a WLC basic demo option is enabled on the device
- Selection of additional L2TP gateways is displayed correctly

LANconfig improvements 9.10.0087 Rel ► 9.18.0016 Rel
LANmonitor improvements 9.10.0073 Rel ► 9.18.0010 Rel

New Features:

LANconfig:

- Support for new devices: LANCOM 1783VA, 1783VAW, LN-830acn dual Wireless, L-822acn dual Wireless, OAP-821, OAP-822, OAP 830
- All-IP wizard for LANCOM 1783VA/VAW added
- Support for feature „Adaptive RF Optimization"
- Support for feature "Wireless Intrusion Detection System (WIDS)".
- Support for feature "Airtime Fairness"

Bugfixes / Improvements:

LANconfig:

- Shorter units for Public Spot expiration times are available

(W)LANmonitor:

- WiFi quality index is now shown below the WiFi network display

LANconfig improvements 9.10.0063 RC2 ► 9.10.0087 Rel
LANmonitor improvements 9.10.0056 RC2 ► 9.10.0073 Rel

New Features:

LANconfig:

- LCOS versions can now be sorted when creating an offline configuration
- Adjusted device type order for firmware management on a WLC
- Wildcards can be used within the Circuit ID
- Direct search for firmware updates for newly found devices

Bugfixes / Improvements:

LANconfig:

- Settings for WEB-CA are displayed at the designated location for devices without SCEP-CA
- Fixed a trace module crash
- The currently configured data is displayed in the summary of the Public Spot wizard
- If a certificate-based VPN client dial-in is configured via wizard, the corresponding INI file will be created correctly

(W)LANmonitor:

- The IPv6 address of a client is displayed correctly
- Switches with a Get Community other than "public" can be monitored
- Fixed a bug which caused LANmonitor to crash after multiple executions of the radio field optimization

LANconfig improvements 9.10.0053 RC1 ► 9.10.0063 RC2
LANmonitor improvements 9.10.0050 RC1 ► 9.10.0056 RC2

New Features:

LANconfig:

- Removed the interface assignment "Any"
- Offline configurations can now be sorted by LCOS version

Bugfixes / Improvements:

LANconfig:

- Fixed a bug which caused LANconfig to crash when using the Setup Wizard to remove a remote site
- When using the setup wizard for creating a WWAN remote station, the associated SIM profile is named according to the WWAN remote station

(W)LANmonitor:

- RSTP (Rapid Spanning Tree) is displayed correctly
- All configured WLAN SSIDs are displayed again

LANconfig improvements 9.04.0057 RU3 ► 9.10.0053 RC1
LANmonitor improvements 9.04.0025 RU3 ► 9.10.0050 RC1

New Features:

LANconfig:

- MAC addresses can be entered in the usual notation now
- Extended setup wizard for Internet access and DynDNS provider

(W)LANmonitor:

- MAC addresses are now displayed including manufacturer ID
- The number of available and used Public Spot accounts is now displayed