LANCOM Release Notes
LANtools 10.42 RU3

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LANCOM Systems GmbH
Adenauerstrasse 20 / B2
52146 Wuerselen
Germany

Internet: http://www.lancom-systems.com

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Table of Contents

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Systems

1. Preface

The LANtools are a comprehensive set of free management & monitoring tools for a detailed configuration and monitoring of LANCOM devices.

This document describes the innovations within LANtools version 10.42 RU3, as well as the improvements since the previous version.

Note
LANCOM LANtools support Microsoft Windows 7, Windows 8, Windows 10, Windows 2008 Server, Windows Small Business Server 2011, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019 (all 32- and 64-bit versions).

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 LANtools 8.50 or newer, all existing user- and application data is moved to the corresponding folders.

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2. New features, improvements, and history

LANconfig 10.42.0042 RU3

Bugfixes / improvements

LANconfig

> A maximum channel bandwidth of 160MHz could not be selected from the access point profiles of a LANCOM WLC.

> If a configuration file was exported from an LCOS LX device, saved as a file, and then a parameter was changed in the generated file, a subsequent upload to the same or identical LCOS LX device failed.

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LANconfig 10.42.0036 RU2 / LANmonitor 10.42.0011 RU2

New features
> The 1-Click-VPN wizard for networks (site-to-site) now creates IKEv2 connections by default.
> The Wireless ePaper Server port is now configurable.

Bugfixes / improvements

LANmonitor
> On some LANCOM devices, the corresponding menu was not displayed in LANmonitor when Dynamic Path Selection was configured.

LANconfig 10.42.0028 Rel / LANmonitor 10.42.0009 Rel

Bugfixes / improvements

LANconfig
> In the setup wizard for configuring a Telekom Internet connection, the 'Connection identifier' field was declared as a password field. This was changed to a text input field.
> Call routing did not work correctly if the setup wizard for configuring a Telekom CompanyFlex SIP trunk connection was run a second time in a configuration in which one Internet connection was set up via TR-069 and a second Internet connection was created via the setup wizard.

LANmonitor
> With some devices of the LANCOM 178x series it could happen that the menu item 'Software update' was not displayed in LANmonitor.
> Due to an error when reading out the OIDs via SNMP, it could happen that the local networks of LANCOM aggregation switches were not displayed in LANmonitor.

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LANconfig 10.42.0023 RC3 / LANmonitor 10.42.0006 RC3

New features

LANconfig / LANmonitor

> Support for LCOS LX 5.30

Bugfixes / improvements

LANconfig

> LANCOM devices that can use the LANCOM Wireless ePaper USB did not have the 'Channel Coordination' configuration menu in WEBconfig.
> If an existing VoIP configuration was deleted and reinitialized via the VoIP setup wizard, both the call groups and the user settings in the configuration remained unchanged after the wizard was run.

LANmonitor

> On LANCOM switches of the GS-23xx series the PoE function could not be activated or deactivated.

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LANconfig 10.42.0013 RC2 / LANmonitor 10.42.0001 RC2

New features

LANconfig / LANmonitor
> LANtracer now supports access to devices via SSH protocol.

Bugfixes / improvements

LANconfig
> If the Voice Call Manager was reinitialized in WEBconfig with the wizard 'Connection to a Telekom DeutschlandLAN SIP trunk', the previously configured area code of the connection remained in the input field and could not be replaced by a different one.
> A configuration change on a LANCOM LX-640x access point could not be written back to the device by LANconfig.
> When configuring a Telekom All-IP line with the setup wizard, the specification of the SIP user ID for a LANCOM 1781VAW / 1781AW was not included in the configuration.
> If the TFTP protocol was disabled on a device to be added in LANconfig, LANconfig would shut down after an unsuccessful TFTP reachability check.

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LANconfig 10.42.0005 RC1

New features

LANconfig
> Support for LCOS 10.42

LANconfig 10.40.0053 Rel / LANmonitor 10.40.0011 Rel

Bugfixes / improvements

LANconfig
> Network groups defined in the menu 'IPv6 / General / IPv6 addresses' could not be selected in the menu 'VPN / General / Network rules / IPv6 rules'.
> In the VoIP wizard for the DeutschlandLAN SIP trunk, it was mandatory to enter an extension number for the extension line in order to continue the wizard, even though the corresponding note says that this is optional. The specification of an extension number is now optional.
> If the VoIP wizard was used to set up a Telekom SIP trunk, the wizard always entered the value '0' as SIP ID instead of the connection number.

LANmonitor
> If the 'Configure' option of a device with LCOS LX was clicked in LANmonitor, WEBconfig did not open.
> If a new LANCOM access point was added to a WLAN controller in LANmonitor, the status of the new access point remained 'New' even though the addition was successful.

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LANconfig 10.40.0042 RC3 / LANmonitor 10.40.0010 RC3

Bugfixes / improvements

LANconfig

> In the access point table of a LANCOM WLAN controller (WLC) the field 'Antenna gain' could be filled in even if the antenna gain mode was set to 'Standard'.

> If the option 'Show' was activated when creating a password for SNMP users in the menu 'Messages/Monitoring / Logs / SNMP Settings / User' (show entered password in plain text), the password could not be transferred to the configuration and was overwritten with a blank value. As a result, an SNMP user without password was created.

> For WLCs the Wi-Fi time control table was missing in the menu 'WLAN Controller / General'. As a result, a configuration could not be written back to the device. The configuration rollout via the LANCOM Management Cloud also failed because a time value could not be written.

> If the admin user name 'root' was not explicitly entered in the properties of a device, LANconfig could report "The device could not be reached after writing the configuration" when writing back a configuration.

> If the option 'Show' (show password in clear text) was activated during the configuration of a main device password that complies with the password guidelines, LANconfig reported that the assigned password did not comply with the guidelines.

> If a password that did not comply with the password policy was created when the device password policy function was disabled and then the policy function was re-enabled, the non-compliant password was still accepted and could be used.

LANmonitor

> If an SNMP logon to LANmonitor with the user account of an additional SNMP user was not possible, LANmonitor did not display an indication of this misconfiguration. It will now indicate that either an incorrect password is used, or the authentication method SHA-256 and the encryption method AES-256 must be configured in the user account.

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LANconfig 10.40.0036 RC2 / LANmonitor 10.40.0009 RC2

Bugfixes / improvements

LANconfig
> In LANconfig the setup wizard for configuring a WLAN controller on the LANCOM vRouter was missing.
> The setup wizard for configuring a native IPv6 Internet connection displayed dialogs for creating an IPv4 Internet connection.

LANmonitor
> The PoE ports of the LANCOM switches could not be disabled in LANmonitor.

LANconfig 10.40.0021 RC1 / LANmonitor 10.40.0005 RC1

Bugfixes / improvements

LANconfig
> In the call routing table the number of possible entries was set to a maximum of 128. This limitation has been removed.

LANmonitor
> No PoE data was shown in LANmonitor for the switch type LANCOM GS-3152XP.
> LANmonitor displayed false date and time values in the eventlogs for the IPv4- and IPv6 firewall.

3. Important advice

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