

Information regarding

LANCOM LANtools Version 10.12 Rel

Copyright (c) 2002-2017 LANCOM Systems GmbH, Wuerselen (Germany)

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.

LANCOM Systems GmbH
Adenauerstrasse 20 / B2
52146 Wuerselen
Germany

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

19.09.2017, CBuersch

Table of Contents

1. Preface	2
Note	2
2. New Features, improvements, and history	3
LANconfig 10.12.0039 Rel	3
LANmonitor 10.12.0010 Rel	3
LANconfig 10.12.0030 RC3	4
LANconfig 10.12.0027 RC2	4
LANmonitor 10.12.0007 RC2	4
LANconfig 10.12.0020 RC1	5
LANmonitor 10.12.0005 RC1	5

1. Preface

LANCOM LANtools, 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 LANtools version 10.12 Rel, as well as the improvements since the previous version.

Note

LANCOM LANtools support 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 10.12.0039 Rel](#) [LANmonitor 10.12.0010 Rel](#)

Bugfixes / improvements

LANconfig

- > If the firewall table was opened within LANconfig and the configured rules were sorted e.g. by priority or name, an unsorted and confusing sorting was shown.
- > There was no option to select the interfaces BUNDLE-1 and BUNDLE-2 for IPv4- and / or IPv6 networks on LANCOM devices which support the LACP functionality.
- > The default settings of the LACP bundle interfaces BUNDLE-1 and BUNDLE-2 were different in LANconfig and LCOS.
- > LANconfig crashed under Windows 10 (64bit) when selecting an entry from the menu bar shortly after the application was started.
- > Some encryption parameters were missing in an offline configuration after having created a new entry in the menu 'VPN > IKEv2/IPSec > Encryption'.
- > The inheritance for the new value 'convert to unicast' was not considered in the WLC profiles for logical Wi-Fi networks (SSIDs).
- > No executable show commands were shown in the LANtracer's expert configuration menu.
- > Configured IKEv2 VPN connections could not be deleted from the setup wizard 'Remove remote site or access'.
- > LANconfig offered a telnet configuration option for the websmart switch LANCOM GS-1326, although this device cannot be configured via telnet.

LANmonitor

- > The path 'WLAN-Controller' was shown in LANmonitor, even if the WLAN controller functionality was disabled in the configuration of the monitored device.
- > SNMPv3 monitoring of a device in WLANmonitor worked only if it was invoked from LANmonitor using the function 'monitor WLAN device temporarily'.
- > LANmonitor crashed if no device was monitored in LANmonitor (empty view) and the command for deleting a device from the list was invoked by typing 'DEL + Enter'.

LANconfig 10.12.0030 RC3

New Features

LANconfig

- Support for the LANCOM Wireless ePaper Displays WDG-2 2,7", 4,2" and 7,4" within the LANconfig Wireless ePaper management.

Known issues

- Pictures with a higher resolution than supported by the display are displayed faulty after being uploaded by the Wireless ePaper management. As a workaround for this known issue, these pictures should be scaled to the display resolution using a third-party application before uploading them to the display.

LANconfig 10.12.0027 RC2

LANmonitor 10.12.0007 RC2

New Features

LANconfig

- The firewall rules table is now sortable by columns

Bugfixes / improvements

LANconfig

- For the LANCOM devices LN-1700, LN-1702, LN-860, and LN-862, the settings for Airtime Fairness could be changed for the Wi-Fi module 2 (IEEE 802.11ac module). As of now, this parameter is fixed to the value 'identical media time', and cannot be changed anymore.
- In the IKEv2 VPN connection wizard a non-defined default value was selectable within the parameter "IP address range".
- If a configuration file or script was dragged & dropped from the desktop to a device in LANconfig, the file could not be deleted from the desktop after finishing the upload, because LANconfig did not yet release its access.
- A false index was used for the table 'Management > Admin > Access settings > Access stations'.
- Since LCOS 10.00, the Internet connection wizard names the first Internet connection 'INTERNET'. However, the multicast route while configuring a T-Entertain connection was named 'T-ENTERT', which led to a non-functional T-Entertain connection.

LANmonitor

- If a SIP line (single account) was tagged with a long descriptor (more than 16 characters and at least one '-'), the caller list could not be opened in LANmonitor, which led to a LANmonitor crash.

[LANconfig 10.12.0020 RC1](#)

[LANmonitor 10.12.0005 RC1](#)

New features

LANconfig

- > The wizard for setting up secure VPN connections via LANconfig now supports the protocol IKEv2. The VPN wizard also enables 1-click configurations of the LANCOM Advanced VPN Client for IKEv2 connections.
- > As of now, the menus for the Public Spot configuration are generally available within LCOS, but can only be used after successful activation of the Public Spot option.

Bugfixes / improvements

LANconfig

- > In the English version of LANconfig the license information for the vRouter in the menu "Properties -> License" was shown in German language.
- > The overview of the available software updates could not be sorted by product name, type, new version or installed version.
- > If the CLIP-no-Screening feature was used, predefined routes for converting a dialed number to the E.164 format were missing (e.g. +49123456789).
- > If configuration items were modified in the properties dialog of a LANCOM switch, a password had always to be entered with the assigned username (admin).
- > The maximum amount of 55 entries could not be reached in some LANconfig tables.
- > The setup path for the CA and Public Spot is shown independently from activated features (e.g. VPN-25 or WLC).
- > An unnecessary switch for RIP redistribution was present in the BGP configuration.
- > The internet wizard text for using VLAN tags was not up to date.
- > The wizard "Prepare VoIP provider access" could not be executed on LANCOM VoIP routers with LCOS 10.00 firmware which were managed by LANconfig 10.00 RU2 and newer, because it was not included in the setup wizard.
- > If AES-GCM was selected from the encryption list in a vRouter configuration under 'VPN -> IKEv2/IPSec -> Encryption', but no value was chosen from the hash table, LANconfig insisted on a selection from the hash table, although a hash algorithm is already integrated when using AES-GCM-*