

Information regarding

LANtools Version 7.80

for LANCOM Routers and Wireless LAN Access Points

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Table of contents

1. Introduction
2. New features, changes and history

1. Introduction

The LANtools, consisting of LANconfig and LANmonitor, serve 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 7.80, as well as the modifications since version 7.70.

Note

LANtools up to version 6.0x do still support the older Microsoft operating systems Windows95, Windows 98 and Windows NT 4.0. Subsequent LANtools versions will only support Windows 98 SE, Windows 2000, Windows XP and Windows 2003 Server. LANtools 6.30 and newer may be additionally used on Windows Vista.

2. New Features, Changes and History

LANconfig changes 7.80.0050 RC3 -> 7.80.0053 Release LANmonitor changes 7.80.0015 RC3 -> 7.80.0018 Release

Bugfixes / Changes:

LANconfig:

- IPX is no longer offered in the LANCOM 1823 configuration
- Certificates can be uploaded to the LANCOM again
- The temporary LANmonitor can be opened even if no user data is provided

LANmonitor:

- Connections are no longer displayed twice

WLANmonitor:

- Authenticated clients are displayed for all accesspoints again

LANconfig changes 7.80.0047 RC2 -> 7.80.0050 RC3 **LANmonitor changes 7.80.0012 RC2 -> 7.80.0015 RC3**

Bugfixes / Changes:

LANconfig:

- Automatic clearing of expired public spot users is configurable from within LANconfig
- If no packets are received for more than 60 seconds a HTTP(s) connection is closed
- User gets a message before device restart
- A „,“ character can be used within the configuration description
- LANconfig checks if the current switch firmware supports upload via LANconfig
- A script can be simultaneously written to multiple LANCOM devices again

LANmonitor:

- The number of WLAN clients is displayed per network profile on the WLC
- The trace module is started in configuration view
- An already active LANmonitor does not show new events twice
- After having deleted all device errors, the device icon is refreshed
- A selected connection keeps tagged, even if entries in the list change

WLANmonitor:

- Reading data from a WLC is displayed, thus the progress of the action is visible
- The number of WLAN clients is displayed per WLC

LANconfig changes 7.80.0041 RC1 -> 7.80.0047 RC2 **LANmonitor changes 7.80.0009 RC1 -> 7.80.0012 RC2**

Bugfixes / Changes:

LANconfig:

- Up- and downstream rates can be specified using five digits
- The copy operation can be used with the time server, too
- Fixed the obsolete generation of entries in the object tables
- LANconfig offers upload for SSL-RootCA certificates and PKCS#12 containers
- Selectable PPPoE remote stations in the routing table
- Device configurations which are stored by multi selection are now complete and can be re-opened by LANconfig

LANmonitor:

- An error message is displayed if saving the support file fails
- Reduced SNMP requests
- VPN connections with errors are displayed separately

LANconfig changes 7.70.0011 Release -> 7.80.0041 RC1 **LANmonitor changes 7.70.0007 Release -> 7.80.0009 RC1**

New Features:

LANconfig:

- Faulty menu items are displayed in the configuration dialogue for configuration errors which deny configuration saving
- Configurable DHCP options
- Operating system independent HTTP(S) implementation
- Switches can be managed using LANconfig
- LANCOMs can be restarted via LANconfig

LANmonitor:

- Reduced SNMP load due to adjusted request intervals
- The trace module can be invoked in the device context of a temporary LANmonitor
- LCT/LCG files can be opened in the trace module per Drag&Drop
- Trace data found by search can be displayed in a separate trace window
- Console trace data can be imported to the trace module
- Two trace windows can be joined via timestamp
- PPTP connections are shown in LANmonitor

Bugfixes / Changes:

LANconfig:

- Language selection works in Windows Vista
- PKCS#12 containers can be exported completely
- The Advanced VPN Client setup wizard creates a complete profile file for a certificate-based connection
- A „*“ is an allowed character for the WPA passphrase in the WLAN setup wizard
- A script can be stored in the WLC filesystem
- Fixed application crashes when working with the firewall
- VPN wizard: adjusted length of the VPN gateway field to configuration
- Connection protocols are achieved when selecting dial-up connections
- The option „Configure dial-up connection“ can be used in a german Windows Vista / Windows 7
- A 7.6x offline configuration can be written to a LANCOM without crash

LANmonitor:

- Language selection works in Windows Vista
- VPN connections are displayed alphabetically sorted
- The trace monitor does no longer close on RMB click when two traces are displayed

WLANmonitor:

- For a just added WLAN controller in a cluster data is displayed without restarting WLANmonitor