Information regarding

LANCOM Advanced VPN Client 3.13

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1. Preface

This document describes the innovations within the LANCOM Advanced VPN Client 3.13, as well as the improvements since release 3.04.

<u>Note</u>

The LANCOM Advanced VPN Client supports Windows Vista, Windows 7, Windows 8, Windows 8.1 and Windows 10. The LANCOM Advanced VPN Client 3.00 will no longer support Windows XP.

As from version 3.10, the client needs a license key of the same version for activation. Activation or update installation is no longer possible with an old license key.

2. New Features, Changes and History

Improvements version 3.11.32792 ▶ 3.13.38189

Bugfixes / improvements

- Full compatibility to Windows 10 Creators Update (1709)
- IKEv2 connections remain operational after being reconnected.
- The stability of the integrated firewall has been generally improved.
- A display issue in the budget manager has been fixed.
- Long domain names can be used again.
- The hotspot functionality has been improved.
- Extended status information in the client info center
- Improved stability when using VPN bypass
- Improved stability for certificate handling by clients
- A malfunction regarding seamless roaming has been fixed.

Improvements version 3.10.31731 ▶ 3.11.32792

New Features

- Using VPN Bypass, internet communication is now possible despite disabled split-tunneling
- Home Zone can now be enabled within the firewall to use local resources within the client without configuration
- Selection of a user- or computer-certificate can be preset within the Windows CSP
- New product- and status icons
- Support for more than two FND servers
- The Budget manager supports the function "no roaming allowed"
- The VPN client can now connect to an IPv6 network

Bugfixes / improvements

- Fixed an issue with hotspot authentication
- IPv6 IKE packets are no longer blocked when activating the firewall function „allow IPsec protocol"
- Selection of an alternative IPsec port works, even if the option „allow…IPsec protocol (ESP, UDP) and VPN path finder" is enabled within the firewall
- Enabling/disabling the credential provider is only possible via monitoring menu (configuration -> logon options) and is no longer shown during installation

Improvements version 3.10.30578 ▶ 3.10.31731

Bugfixes / improvements

- Modified driver signature to grant success for a VPN client reinstall after the Windows 10 Anniversary update was done and if secure boot is enabled in the computer's BIOS/UEFI
- After restart or waking from sleep mode the Wi-Fi will be reliably activated
- Fixed an issue within stateful inspection which lead to a failed hotspot authentication
- Fixed an issue which could cause a loss of client activation after a restart under certain circumstances

Improvements version 3.10.29061 ► 3.10.30578

Bugfixes / improvements

› The handling of the license file was optimized.
› The certificate and within its signature were refreshed.
› If the flight mode within a Windows 10 System is activated the client will recognize that and stop. Using 3G/4G-hardware won't be able to use in that situation.
› Clicking the Connect-/Disconnect button in quick succession it was possible that an undefined state could be reached. This issue is now solved.

Improvements version 3.04.26745 ► 3.10.29061

New Features

› Revision of the hotspot login: After the user has been connected to a certain wireless network, a web browser integrated in the Advanced VPN Client window hotspot logins opens automatically
› Surveillance of the filter operator: The AVC monitors Windows system drivers which are needed for the client's operation
› Windows Pre-Logon: The Windows Pre-Logon functionality (Credential Provider) is now also available for Windows 10
› Support for IKEv2 Redirect (RFC 5685)

Bugfixes / improvements

› If the client recognizes a filter driver malfunction, this will be fixed automatically, and the user is prompted to do a restart
› On a clean install, the client is installed to the programs directory by default

Improvements version 3.02.25056 ► 3.04.26745

New Features

■ Compatibility improvements with various Windows operating systems when disabling the WLAN adapter with plugged LAN cable

Bugfixes / improvements

› Bugfix for forwarding the manually entered username and password while authenticating to Windows via Credential Provider
› Bugfix for firewall application detection
› Bugfix for automatic media detection with PPPoE
› The ConnMode=2 connection mode (alternating (manual start of automatic mode)) is imported correctly during a profile import
› Bugfix for Split Tunneling when the remote network IP address range is the same as the local user network (the route to the local network was deleted after a VPN profile change)
› Fixed a problem with Windows 10 Update 1511 which led to lost registry entries

Improvements version 3.02.24934 ▶ 3.02.25056

Bugfixes / improvements

> A problem was solved which led to a rollback of the client during the filter driver setup

Improvements version 3.00.21499 ▶ 3.02.24934

New Features

> Extensions within the log reporting
> Support for Windows 10
> Improved scaling of the monitor for touch screen operation
> Known networks can be checked periodically for connectivity.
> The displayed dialog during a failed connection establishment can be deactivated.
> When using a hardware certificate the VPN connection can be established at system startup, without logging on to Windows system.
> The WLAN adapter can now be disabled if a LAN cable is plugged in.

Improvements version 2.32.0160 ▶ 3.00.21499

New Features

> MSI-Installer
> The new option "Allow outbound traffic to reject acknowledge" was added to the Firewall
> Windows 8.x compatibility improvements
> Two new connection modes for connection establishment:
>> Always (The client module will attempt to connect from system startup. If it does not exist it will try every 10 seconds.)
>> Changing (always-mode start manually)
> There is now a 32-bit and 64-bit version of the LANCOM Advanced VPN Client.

Improvements version 2.31.0104 ▶ 2.32.0160

New Features

> Support for Windows 8.1
> Added configurable ICMP polling for VPN tunnel
> An IPv6 address can be specified as endpoint for an IPv4 VPN tunnel
> The VPN network adapter can be hidden

Bugfixes / improvements

> Improved usage of a UMTS/GPRS connection
> Under Windows 8, a replugged USB smartcard reader is recognized correctly by the LANCOM VPN client