Release Notes

LTA Client Windows 6.24 Rel

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1. Preface

The LANCOM Advanced VPN Client Windows provides mobile employees with encrypted access to the company network, whether they are at their home office, on the road, or even abroad.

This document describes the innovations within the LTA Client Windows software release 6.24 Rel, as well as the improvements since the previous versions.

A valid LTA license in the associated LANCOM Cloud project is required to use the LTA client.

2. The release tag in the software name

Release Candidate (RC)
A Release Candidate has been extensively tested by LANCOM and includes new LCOS featurses. It is suitable for testing and is not recommended for use in productive environments.

Release Version (REL)
The release version has been extensively and successfully tested in practice. It contains new features and improvements over previous LANCOM operating system versions and is therefore recommended for use in productive environments.

Release Update (RU)
A release update is a further development of an initial release version in productive environments and contains minor improvements, security fixes, bug fixes and smaller features.

Security Update (SU)
Contains important security fixes for the respective LANCOM operating system version and ensures that your security level remains very high on an ongoing basis in your productive environment.

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3. Requirements

Supported Microsoft Windows operating systems

You can see a list of supported operating systems / versions here:

https://knowledgebase.lancom-systems.de/pages/viewpage.action?pageId=37457174

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4. History LTA Client Windows version 6.24

LTA Client Windows 6.24 Rel Build 30789

Bugfixes / improvements

→ **Privilege ecalation in MSI installer**
During certain actions such as installation, update, or uninstallation, temporary command-line windows (cmd.exe) were opened with SYSTEM privileges. In older Windows versions, it was possible to execute arbitrary commands or programs in these interactive prompts with SYSTEM privileges. This allowed an attacker to bypass administrative protections and gain unrestricted access to the system.

→ **Blue screen after Windows update KB5065426**
After installing Windows Update KB5065426, using the Trusted Access Client could result in a blue screen.

→ **Revised uninstallation routine**
The uninstallation process has been revised so that all program files are now reliably removed.

→ **Connection drops due to failed rekeying**
In some cases, an established VPN connection was unexpectedly disconnected after several minutes.
The cause was a faulty and repeatedly failed tunnel rekeying process.

→ **Adjustment in IKEv2 mobility and multihoming (MOBIKE) protocol**
The processing of the Cookie2 Response Header has been adjusted and now fully complies with the RFC specification.

→ **Fix: Extended logging**
Extended logging for VPN services could unexpectedly stop, causing the client to crash. The root cause was an invalid CRLDP-LDAP URL.

→ **General bug fixes and stability improvements**

Known limitations

→ **Seamless roaming**
In certain situations, when switching from Wi-Fi to LAN, the VPN tunnel status could remain in the state "keep tunnel logically", preventing a functional LAN connection. A manual disconnect and reconnect is required to restore connectivity.

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LTA Client Windows 6.23 Rel Build 30776

Bugfixes / improvements
→ **LTA ‑ Change of domain (termination of the GUI)**
If the LTA domain was changed and the client was not restarted, it could happen that the client GUI was closed after some time. However, the services continued to run in the background.
→ **LTA ‑ Pop-up during connection setup**
During the connection setup in LTA mode, an additional pop-up with an input field appeared.
→ **LTA ‑ Switching between AVC and LTA mode**
When switching the client between AVC and LTA mode, it could happen that the certificates in the 'cacerts' folder were lost.
→ **General bug fixes and stability improvements**
Bugs have also been fixed to improve the stability of the client.

Known limitations
→ **The client does not respond during the connection process**
It may happen that the client cannot establish a connection to the gateway after a version update. This can be remedied by uninstalling and reinstalling the client.
→ **GUI shows connection error**
It can happen that the client displays a connection error even though the tunnel is up and running. This can occur when the computer comes out of a sleep mode or the Wi-Fi signal is temporarily lost.

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LTA Client Windows 6.22 Rel Build 30766

Bugfixes / improvements
→ **SAML authentication fails when Kaspersky Endpoint Security is installed**
  SAML authentication now also works with Kaspersky Enpoint Security for
  Windows installed.
→ **Additional pop-up during connection establishment**
  The conditions for displaying messages triggered by an ACE server have been
  revised. Pop-up windows no longer appear during the connection setup.
→ **LTA client cannot be operated after standby**
  The problem that the LTA client was no longer usable after exiting the
  computer standby has been fixed.
  The following error messages were displayed, among others:
  • „The client software has detected a problem with the driver interface
    (Mif32Init)"
  • „Waiting for the VPN service…"
→ **Case-sensitive URL**
  The LMC domain (URL) is no longer case-sensitive.

Known limitations
→ **LTA client cannot establish a connection**
  It may happen that the LTA client cannot establish a connection to the
  gateway after a version update. This can be solved by uninstalling and then
  reinstalling the LTA client.
→ **GUI shows connection error**
  It may happen that the LTA client displays a connection error even though
  the tunnel has been established. This can occur if the computer comes out of
  sleep mode or loses the WiFi signal for a short time.

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5. Common advice

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