Release Notes regarding

Switch OS 3.32 Rel for LANCOM GS-13xx

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1. Preface

Warning hint

Before upgrading your devices to a new firmware it is essential to backup your device's configuration.
Due to extensive features it is <u>not possible to downgrade</u> to a previous firmware without using the backup configuration.

Hint for firmware update

<u>**Never**</u> disconnect the device from power supply while updating the firmware.
In this case the device won't start again.

2. Known issues

Latest support notes and known issues regarding the current Switch OS version can be found in the download area of our website <u>Common support hints</u>

3.   New features, improvements, and history

LANCOM GS-13xx improvements 3.30.0450 RU4 ► 3.32.0012 Rel

New features

> Added a hint for a not yet saved configuration to the configuration interface
> For SSL and TLS configurations, the minimum SSL and TLS versions to be applied are now selectable from a drop down list.

Bugfixes / improvements

> If STP was activated on the switch ports, and this configuration was saved as "Start configuration", it could happen that after a cold boot the displayed uptime value in the menu "configuration > port status" was stated with 2627 days.
> When saving a configuration to an *.xml file, PoE configuration parameters for "Power delay", "Auto checking" and "Scheduling" were missing.
> Switch ports with configured 802.1X Single-/ multi mode port authentication were blocked after 4-6 minutes and re-released after a further 4-6 minutes. The port status was always (even with blocked status) shown as "Authorized".
> The automatic completion of "show" commands using the tab key failed on the command line due to the spelling of the command "**show-3rd-party-licenses**" for all managed switches.
> In the web configuration the error string of an error message was not scaled to the size of the message area.
> Descriptions for configuration options for individual switch types were missing in the online help for the function "Configured link speed" (in the menu "Port configuration").
> When using the function **MAC-based authentication** for connected access points, a change of the switch ports due to Wi-Fi roaming caused a sudden switch restart, if the MAC address of the Wi-Fi clients was deposed on the RADIUS server.
> When using multiple switches with activated RSTP in a ring structure, and simultaneously activated DHCP snooping 100% CPU load was generated on a big amount of clients (more than 500).
> General stability improvements.

LANCOM GS-13xx improvements 3.30.0417 RU3 ► 3.30.0450 RU4

New features

> The current memory consumption can now be shown on the GUI.
> Device configuration files can now be exported and imported encrypted.

Bugfixes / improvements

> Only 94 different clients (MAC addresses) could access the switch management at the same time. If one more client tried to access the switch, its web interface was not accessible.
> With LANCOM SFP-CO1 copper modules, the status of the numerically smaller port was displayed with "up" instead of "down" in case of a loop.
> A malfunction within the DHCP snooping function created a false linkage in the switch's internal IP address list, which caused a list-internal LOOP. This caused internal services to be executed endlessly when working the list. This led to a 100 % CPU load and blocked any further services from executing (e.g. packet flow).

LANCOM GS-13xx improvements 3.23.0321 RU1 ▶ 3.30.0417 RU3

New features

> Support for the new SFP copper module LANCOM SFP-CO1
> New function "Password Policy" (minimum requirements for a secure password)

Bugfixes / improvements

> General stability improvements

LANCOM GS-13xx improvements 3.23.0006 Rel ► 3.30.0321 RU1

Bugfixes / improvements

> Though more than one IPv6 management addresses were announced in LLDP, the dialogue "LLDP > LLDP Neighbours" showed only the first IPv6 management address.
> The link to a second management address of another device, which was learned via LLDP, could not be invoked.
> A request of the port status via HTTP/S under Security > Port Security > Port Status -> Port lead to a non-availability of the switch management (via management IP), if this function was activated, and many MAC addresses were listed for the requested port.
> Adding a hostname under 'TACACS+ Authentication Server Configuration' lead to a sudden restart of the switch after confirmation of the changes.

LANCOM GS-13xx improvements 3.23.0001 Rel ► 3.23.0006 Rel

Bugfixes / improvements:

> The OIDs for displaying the device's complete system information in LANmonitor were added.
> At least LANmonitor version 10.10.0012-RU3 is necessary for displaying this information.

LANCOM GS-13xx Switch OS 3.23.0001 Rel

New features:

> Initial Switch OS with support for the LANCOM GS-1326

4. Comments

Please note that different firmware files might be available for your device. Further information can be found in the file README.PDF in the download area of our homepage.