

Changelog SLZB-OS

? v3.3.1 - Release Notes

Improvements

- OS will now reboot the EFR32 radios at startup

Fixes

- Fixed broken static IP config for Trasparent WiFi bridge mode

Zigbee Hub

- Added attribute read request for MQTT API: [documentation](#)
 - Added new system_control MQTT API: [documentation](#)
 - Added test converter for "Moes ZS-EUB_2gang"
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? SLZB-OS 3.2.9 - Release Notes

Fixes

- Fixed Berry Telegram integration
- Fixed boot-loop in WiFi mode when activating OTBR on the device
- Fixed crash when ping is enabled for Wireguard

Zigbee Hub

- Added a new tab "[Exposes](#)"
- Fixed crash when saving settings if Zigbee Hub is not enabled
- Fixed LQI unit warning

- Fixed Tuya DP sensor update
 - Fixed: ZigBee network always reset when saving settings, even if channel/panId or key was not changed
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? SLZB-OS 3.2.8 - Release Notes

Highlights

- **Integrated [30+ services](#)** for local automatiations, including **WLED, Telegram, Weather, Slack, Wake-on-Lan, MS Teams, E-mail, OpenWRT**, and more.
- **AI is here:** Added AI Assistant to help users write automation scripts more easily. in Beta test. *Requires AI credentials (so far - Anthropic only).* [Watch the quick 4-minute YouTube overview](#).
- **SLZB-xU devices** can now try a new **experimental mode** with native **OTBR app** running directly on the SLZB-xU device. *Mode is still experimental, and there is reported bug in some installations - the coordinator may become unavailable after some time. Pattern is unknown, that is why still experimental status.*

Improvements

- Moved Ethernet processing to **Core 0** for better load balancing.
- Optimized the **scripts virtual machine** for better performance.
- For **U devices**, the **BT Proxy** option now links directly to the activation manual.
- IPv6 has been temporarily disabled for rework.
- All localizations except **EN** have been moved to a cloud server to reduce firmware size. On first opening the coordinator interface, the localization will load in the browser if internet access is available. Without internet access, **EN** will be used.

Fixes

- Fixed crash on "Playground: AI Assistant" page.
- Fixed visibility of "Playground: AI Assistant" and "Scripts Integrations" pages.
- Fixed metadata overflow crashes for older `.gbl` update files.
- **MRW10/10U** now use the **Z-Wave packet parser**, improving socket stability.
- Fixed a crash in the **hard reset handler**.

Zigbee Hub

- Replaced the **LQI** unit with "**none**".
 - Fixed logging of values for **Tuya DP**.
 - MQTT now sends correct values even for unsupported devices, allowing them to be used in automations.
 - Added support for new Zigbee devices.
-

? SLZB-OS 3.2.7 - Release Notes

Highlights

- **Integrated 30+ services** for local automatiations, including **WLED, Telegram, Weather, Slack, Wake-on-Lan, MS Teams, E-mail, OpenWRT**, and more.
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? SLZB-OS 3.2.6.dev3 - Release Notes (dev)

?? Improvements

- SLZB-MRW10 and MRW10U: rewritten socket handling for ZWave to improve stability
- Add Window Covering cluster (0x0102) support to Zigbee Hub mode
- Add Occupancy Sensing cluster (0x0406) support to Zigbee Hub mode
- Added speed 2400 for USB page
- Updated localizations
- Updated datapoint /ha_sensors
- Added presets for the SLZB-Ultima3 buzzer

? Fixes

- Fixed logging and sending Tuya DP data for Zigbee Hub mode
 - Fixed running multiple berry scripts
 - Fixed Wireguard (which was broken in a previous build)
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? SLZB-OS 3.2.6.dev2 - Release Notes (dev)

? Thread + OTBR running on the device - update

Many users have asked for the ability to set TLVs for this mode via SLZB-OS and now you can do this on [/otbr](#) page!

?? Improvements

- New Ambilight effects for [SLZB-Ultima3](#)
- New Berry modules and integrations ([documentation](#))

? Fixes

- Fixed Zigbee automatic update ignores speed change in new firmware
- Fixed a crash in Berry error handler

? SLZB-OS 3.2.6.dev0 - Release Notes (dev)

? New: Thread + OTBR running on the device (SLZB-xU only) - evaluation/beta mode.

You can now run **OpenThread Border Router (OTBR) directly on the SLZB device**, instead of running the OTBR add-on/app in Home Assistant.

☐ Why this could be a no-brainer:

- Home Assistant connects to OTBR via **network REST API**, so you no longer rely on the **Serial-over-IP** link used in *"Thread to external OTBR"* mode.
- This aims to improve reliability of Thread connectivity between Home Assistant and SLZB devices for those, who experiences issues with connectivity.

☐ Home Assistant setup:

- OTBR REST API is available at **http://device-ip:8080**

⚠ Important notes / limitations:

- ☐ **Initial (beta) integration** — may have limitations or unexpected behavior.
- ☐ **IPv6 is required** and will be **force-enabled** when this mode is activated.
- ☐ "Thread + OTBR running on the device" mode can't work with **"router (standard)" mode for Ethernet ↔ WiFi bridge** and **Zigbee Hub mode**. To activate back these features, device mode should be other than "Thread + OTBR running on the device".
- **"Transparent" mode for WiFi ↔ Ethernet bridge** is incompatible with "Thread + OTBR running on the device". If you need "Transparent" mode for WiFi ↔ Ethernet bridge - please use any of the previous versions of the SLZB-OS.
- ☐ **Availability:** only on **SLZB-xU series**.
- ☐ **Alternative:** you can still use **Thread + remote OTBR** mode (USB/Ethernet) if you prefer OTBR running elsewhere.

?? Improvements

- ☐ Added uptime info for **Socket2** and **Socket3** in **/ha_sensors**

? Fixes

- ☐ Fixed a crash in **Zigbee Hub mode** when a received value is larger than expected
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? SLZB-OS v3.2.5.dev1 - Release Notes

? New Features & Enhancements

- Zigbee Hub mode: support for Tuya datapoint data writes.
!BREACKING CHANGE! Changed the format of the write topic Zigbee Hub for Tuya [Zigbee Hub MQTT API](#)
 - Zigbee Hub mode: Added support for MOES Star Feather (2-key models)
 - Berry: New BUZZER module for Ultima3 [documentation](#)
 - Berry: New BUTTON module [documentation](#)
 - Increased the web server authentication password limit length from 63 to 64 characters
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? Fixes & Improvements

- Fixed corrupted date/time in time settings
 - Fixed script list reload on error
 - Fixed crash when parsing metadata in .gbl files
 - Fixed random ISR crash on startup
 - Fixed wrong baudrate for CC26XX radio after factory IEEE read
 - fixed EFR32 custom firmware flashing issues
 - Fixed LTE addon start on Ultima3
 - Fixed Blue LED logic on Ultima3
 - Fixed AP delay if SSID and password are empty
 - Fixed memory leak in usb_list API
 - Fixed web server lockup when option "Disable web server when socket is connected" is active
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? SLZB-OS v3.2.4 - Release Notes

The latest version of **SLZB-OS (v3.2.4)** brings improvements to MQTT integration, internal scripting (automations), Zigbee diagnostics, and overall system stability.

? New Features & Enhancements

- Added **MQTT module** support for scripts, so internal automations can send/receive MQTT messages - [View usage examples](#)
 - Introduced **MQTT API support for SLZB-Ultima** - control IR receiver, Transmitter, Buzzer, WS2812 via MQTT (alongside with HTTP control method) - [Read MQTT API docs](#)
 - **MQTT can now be activated independently** of Zigbee Hub
 - Pinned socket tasks to **dedicated core** for improved performance
 - Zigbee channel scanning added for **MR devices** (on Z2M/ZHA page)
 - Display of **USB mode** added for non-U series devices
 - IEEE-related controls disabled for **Thread** or **Zigbee Router** firmware
 - Added **SSE module** for internal scripting
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? Fixes & Improvements

- Fixed possible **web server overflows** during reboot waits
 - Fixed MQTT discovery crashes in **Zigbee Hub** mode
 - Optimized overall **web server performance**
 - Fixed incorrect **baudrate info** for radio3 on Ultima
 - Fixed **syslog-related crashes**
 - Hidden socket statuses for **USB mode on U devices**
 - Fixed incorrect display of **Z-W addon info** on Ultima
 - Tuned **serial settings** for improved communication
 - Fixed **router reconnect** issue on MR4
 - Fixed incorrect baudrate / crash during **.gbl metadata parsing**
 - Fixed **radio module OTA updates** in USB mode (U series)
 - Fixed **IEEE read issue** for MR1U
 - Fixed **bs-target display issue** in addons accordion
 - Fixed **socket time/status reporting**
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? SLZB-OS v3.2.0 - Release Notes

We're happy to announce the release of **SLZB-OS v3.2.0** - a stability-focused update with new device support, major improvements for U-series USB functionality, and multiple Zigbee Hub reliability enhancements.

? Highlights

- **FULL support of SLZB-Ultima added** - [SLZB-Ultima](#)
 - Improved **USB capabilities for U series** (new alternative driver)
 - Better stability during **OTA updates** and **Zigbee Hub operation**
 - Updated dashboard layout
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? New Features

- Added **Full support for the new SLZB-Ultima device** - [Learn more](#)
 - New **alternative USB driver** can be selected on the "**USB**" page (U series)
 - Provides advanced USB capabilities
 - USB passthrough now supports **1200 baud**
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? Zigbee Hub Improvements

- Zigbee Hub now includes a **Reset option** if startup fails
 - Zigbee Hub now **stops automatically** when an OTA update is in progress
 - Added missing Zigbee Hub device configurations after reboot
 - Added Zigbee Hub reset option for recovery when startup fails
 - Fixed a Zigbee Hub crash that could occur in some situations on the **U series**
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? USB & Passthrough

- Added selectable **new alternative USB driver** on the USB settings page (U series)
 - USB passthrough now supports **1200 baud**
 - Zigbee OTA now working in **USB mode** on U series devices
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? Wi-Fi & Network

- Wi-Fi connection now checks **hidden SSIDs** when connecting
 - Fixed rare crash when using Wi-Fi in some cases
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?? OTA & System Stability

- Reboot confirmation modal is now shown **only when reboot is actually required**
 - Dashboard layout updated for improved usability
 - Fixed WDT (watchdog timer) triggering during OTA updates in some cases
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?? Other Fixes and Improvements

- Fixed Berry VM manager free logic
 - Fixed language cache issues
 - Fixed MR3U EFR32 bootloader issues
 - Fixed wrong IEEE writes after reboot for CC radio modules
 - SLZB-06Mg26U now uses a **separate Zigbee OTA firmware**
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SLZB-OS v3.0.9

We're excited to release **SLZB-OS v3.0.9**, bringing major improvements to **Zigbee Hub, Thread,** and **network stability**, along with performance boosts, script engine fixes, and a few critical updates.

?? BREAKING CHANGES - ONLY FOR ZIGBEE HUB MODE USERS - NO EFFECT ON ZIGBEE2MQTT OR ZHA USERS!!!

If you use device as Zigbee coordinator (with Zigbee2MQTT or ZHA) / Thread router - it does not affect you. Again, this change is only for those who use device in a Zigbee Hub Mode.

- **Zigbee Hub Users:** All Zigbee devices must be **re-paired** after this update due to core changes in the Zigbee stack and API.
 - **MQTT Broker Format Changed:**
 - Old format: `'mqtt://example.com'`
 - New format: `'example.com'` (or, IP format: `'127.0.0.1'`)You can now use DNS and DDNS hostnames for your MQTT broker.
 - Updated MQTT API for Zigbee Hub: [View the new MQTT API documentation](#)
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? Zigbee Hub Improvements

- Redesigned Zigbee Hub network startup - now significantly faster
- Hub now responds to **Time attribute** and **Identify queries**
- Fixed: Some Zigbee devices not sending reports in Hub mode
- Fixed: Zigbee Hub mistakenly available for EFR32 on MRx devices

? MQTT & DDNS Enhancements

- MQTT Broker now accepts plain domain names, not only IP addresses
- "IP Provider" setting for DDNS is now optional
- Fixed DDNS update interval and max value behavior
- Fixed excessive DNS requests from NTP client

? Performance & System Stability

- Increased socket task priority for better responsiveness
- Moved secondary tasks on U series to PSRAM for improved memory usage
- Improved Thread stability for U series devices
- Enhanced EFR32x bootloader activation routine
- Improved USB power switch logic on U series
- Fixed second radio status display in web interface header

? Berry Script Engine (zHub)

- Improved support for `sendTuyaData()`
- Fixed `readAttr()` not returning correct values

? Localization

- Updated and improved UI translations across supported languages

? How to Update SLZB?OS

You can update your coordinator using one of the following methods:

- **OTA Update (Recommended):**

Open the SLZB Web UI → `Settings and Tools → Firmware updates → Check for updates`
(SLZB-0S)

- **USB Update (Manual Flash):**

Go to smlight.tech/flasher, select your model, and follow the flashing instructions.

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