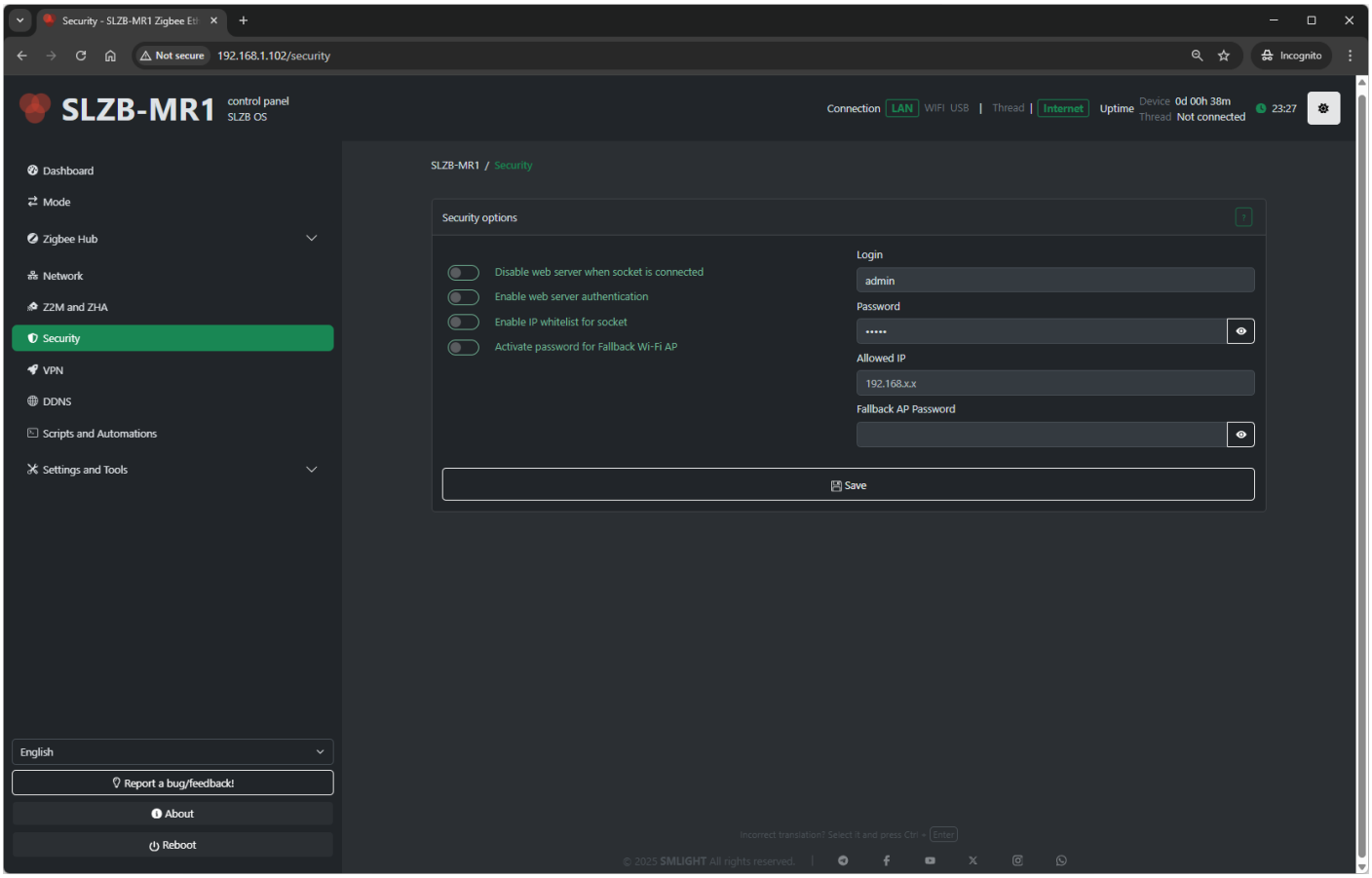
Security

8. Security

This page controls access to the SLZB-OS web interface and the TCP “socket” that exposes the Zigbee coordinator to Z2M/ZHA. The options below are listed exactly as they appear.



8.1 Web?server when socket is connected

What it does: Controls whether the SLZB-OS web UI remains available while the coordinator’s TCP socket is actively in use by Zigbee2MQTT or ZHA.

- **Enable** – The web server stays accessible **even when** the socket is already connected (e.g., your Z2M/ZHA is using the coordinator). Useful when you want to keep configuring

the device during active operation.
- **Disable** – The web server is **turned off** whenever the socket is connected. This adds security by preventing web access while Z2M/ZHA is using the coordinator.

Recommendation:
For maximum security on production systems, choose **Disable**. Use **Enable** while commissioning or troubleshooting.

8.2 Web server authentication

What it does: Enables login protection for the SLZB-OS web interface.

- **Enable web server authentication** – Requires credentials to access the web UI.
- **Fields (shown when enabled):**
  - **Login** – Username for web access
  - **Password** – Password for web access

Recommendation:
Keep this **enabled** and use a strong password.

8.3 IP whitelist for socket

What it does: Restricts which client can connect to the **Zigbee TCP socket** (the bridge used by Z2M/ZHA).

- **Enable IP whitelist for socket** – Only the specified address can connect to the Zigbee socket.
- **Field:**
  - **Allowed IP** – A **single IP address** permitted to access the socket. All other addresses are blocked.
- **Disable** – Any device on the network can attempt to access the socket (less secure).

Recommendation:
Enable this and set **Allowed IP** to the host that runs Z2M/ZHA (e.g., your Home Assistant server).

8.4 Fallback Wi?Fi AP password

What it does: Protects the **fallback Wi-Fi access point** (brought up by the device in recovery/initial setup scenarios).

- **Activate password for Fallback Wi-Fi AP** – Requires a password to join the fallback AP.

Recommendation:
Enable this to prevent unauthorized local access during recovery.

8.5 Save & Operational Notes

- After changing security options, **Save/Apply** and reconnect if prompted.
- If you **Disable web server when socket is connected**, you may temporarily lose UI access when Z2M/ZHA is connected; disconnect the client or stop the service to regain the UI.
- When **IP whitelist for socket** is enabled with a wrong IP, Z2M/ZHA will fail to connect—double-check the **Allowed IP** value.

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