Weidmüller

Configuration SWU: SysSocket LinuxSelectPoll

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1 Purpose

In specific redundancy configurations, communication issues may occur during the initial synchronization of a redundant controller. Under certain conditions, this can lead to an unexpected runtime shutdown during startup synchronization.

The provided SWU package applies an additional configuration to the CODESYS runtime that avoids this behavior and improves the stability of the redundancy synchronization process.

2 Usage

2.1 Preconditions

The following prerequisites must be fulfilled before installing the SWU package:

- The **CODESYS Control SL for Weidmüller u-OS** app is installed on the device.
- **SWUpdate file verification** is disabled.

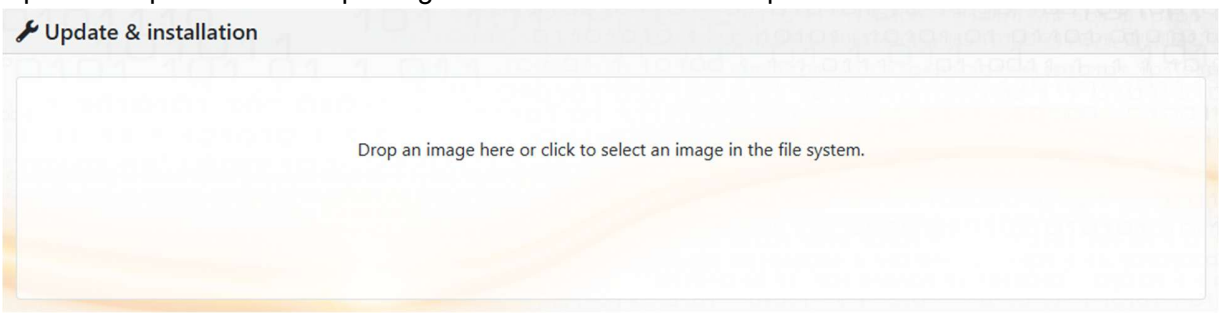
Navigate to:
u-OS Control Center → Software & Updates → Update & Installation → SWUpdate File Verification

Note:
By default, SWUpdate file verification is enabled. The provided SWU package is not digitally signed and will therefore be rejected if verification remains enabled.

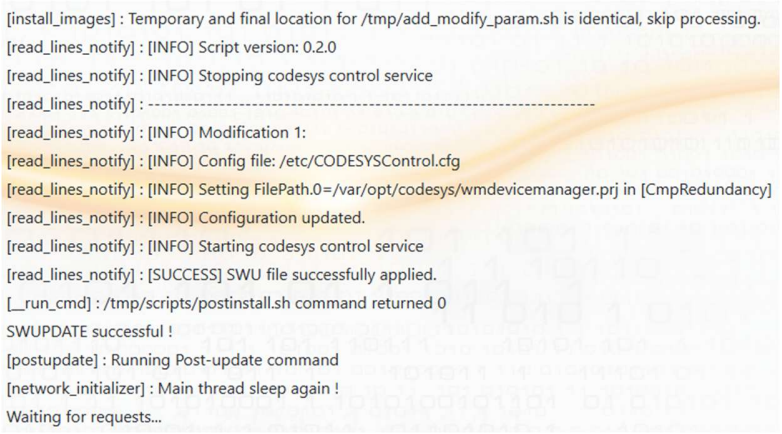
2.2 Installation

Navigate to:
u-OS Control Center → Software & Updates → Update & Installation

Upload the provided SWU package and start the installation process.



The installation progress can be monitored in the Messages log.



2.3 Post-Installation

After successful installation it is recommended to re-enable **SWUpdate File Verification**.
Navigate to:
u-OS Control Center → Software & Updates → Update & Installation → SWUpdate File Verification
Enable the option again to restore the default security configuration of the device.