

Release Notes

System Software 2.4.3.3

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1 Release 2.4.3.3

1.1 Note

This version is only available for the W2022ac/W2022ac-ext devices. To install release 2.4.3.3 it is necessary that release 2.4.1.1 or higher is already installed on the access point. To install release 2.4.3.3 from an older version, you must first install version 2.4.1.1.

2 New functions

- To simplify **the detection of misconfigurations** during provisioning by the WLAN Controller, access points now report configuration errors to the WLAN Controller. These errors are then centrally displayed under **Monitoring > Internal log** for the *WLC* subsystem with the *Error* level.
Use of this function requires system software version 10.2.9 or later in the WLAN Controller.
- When managed by the WLAN Controller, access points report extended information about their **system status** (temperature, CPU usage, free RAM, total RAM, synchronization speed of the Ethernet port) to the WLAN Controller in the new MIB table **wlcWTPStatTable**.
The use of this function requires system software version 10.2.9 or newer in the WLAN Controller. With older versions, an error message appears in the internal log of the WLAN Controller stating that a table transmitted by the access point does not exist.

3 Error corrections

- **ER#4801:** In the access point GUI, the **warning message** "Reference to invalid database entry" was occasionally displayed for some parameter combinations in connection with the channel plan in the menu **Wireless LAN > WLAN > Radio Settings > Edit**.
- **ER#4805:** The boot log is now correctly stored in the access point SIA file.
- **ER#4860:** With an older access point system software, the WLAN switched off if an 802.11ax-enabled configuration was rolled out to an access point via the WLAN Controller.
In preparation for new WLAN Controller features as of BOSS version 10.2.9 (in conjunction with which the problem occurred), access points now ignore WiFi 6 / 802.11ax settings when managed by the WLAN Controller and use the next possible setting supported by their hardware. By default, the settings for WiFi 6 / 802.11ax of the WLAN Controller are also disabled in BOSS version 10.2.9.
- The countries *Russia* and *Georgia*, which were erroneously listed in the ETSI **regulatory domain**, have been removed from there.
- Access points now correctly report their factory-defined **Regulatory Domain** (*ETSI* by default) to the WLAN Controller during operation.

The display of the regulatory domain of managed access points requires system software version 10.2.9 or newer in the WLAN Controller.

- When provisioned via the WLAN Controller in the 5 GHz operation band, access points now only report that the WLAN is ready for operation and on which channel they are transmitting after the **radar scan has been completed**. By law, this takes one minute for all channels from channel 52, and 10 minutes for channels 120, 124 and 128. Previously, this already happened before the radar scan was completed, so that the WLAN was reported to the WLAN Controller as ready for operation although it was not yet transmitting at this time. This happened with all previous system software versions.
- When managed by the WLAN Controller, a user-initiated **channel rescan** no longer occasionally skips the second radio module. The automatic channel rescan thus now results in a more interference-free channel distribution in the entire WLAN network that is optimal for the selected time.
- On the access point **Status Page**, the status bar of the CPU display is now colored correctly according to the current CPU usage.

4 Known limitations

- Since system software version 2.4.2.3, the maximum number of entries managed in the **WLAN MAC filter** is limited to 64. In the case of a whitelist with a larger number of entries, it proves more efficient to carry out the configuration in the network switch so as not to limit the performance of the access point.