Errata Note

Z-Wave PC based Controller

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REVISION RECORD

Doc. Rev	Date	By	Pages affected	Brief description of changes
1	20160908	SRO JFR	All	Initial draft
2	20161021	JFR	Section 1	Updated to Z-Wave PC-based Controller v5.19 and Z-Wave DLL v5.53
3	20170104	SRO	Section 1	Updated to Z-Wave PC-based Controller v5.26 and Z-Wave DLL v5.60
4	20170925	SRO	Section 1	Updated to Z-Wave PC-based Controller v5.30 and Z-Wave DLL v5.64
5	20180305	BBR	All	Added Silicon Labs template
6	20180531	SRO	1.1,	Updated to Z-Wave PC-based Controller v5.34 and Z-Wave DLL v5.68
6	20180704	SRO	1.2	Updated to Z-Wave DLL v5.68
7	20190314	JFR	Section 1	Updated to Z-Wave PC-based Controller v5.38 and Z-Wave DLL v5.73
8	20190319	Ayurttas	Section 1	TechPub reviewed revision: No change to technical contents

Table of Contents

1   Introduction

The document describes the Test Observations (TO) that exists on the Z-Wave PC-based Controller. For details regarding new features and functionality, refer to [1]. For a comprehensive user guide, refer to [2].

1   Releases

Following sections describe fixed and known defects in the PC applications and associated libraries.

1.1   Z-Wave PC Controller v5.38

1.1.1   Fixed Defects

- [ZLLER95-831] TX Controlled by Module doesn't work for Single Static Controller.
- [ZLLER95-828] PC Controller doesn't send Version Capabilities Report.
- [ZLLER95-826] S2 inclusion doesn't work on PC Controller if entering CSA code without gap between 5 digits.
- [ZLLER95-825] PC Controller doesn't change Network Role to SIS. UI issue.
- [ZLLER95-817] PC Controller S2 inclusion fails if primary PC Controller sends Public Key Report with reserved field set to a random value.
- [ZLLER95-816] The "Grouping Identifier" field can only be written with hexadecimal values now. It is not possible to type "1" anymore but one has to select the "00" and type "0" and "1" or target the cursor between "0" and "0" and then type "1".
- [ZLLER95-815] Double Click on Selected Class (list item) in Select Command Class view doesn't work.
- [ZLLER95-813] Button Security Scheme selected Scheme S0 doesn't work.
- [ZLLER95-803] PC Controller sends non secure frame to destination 29 when sending Multicast to Door Locks.
- [ZLLER95-802] Priority route interface does not work correctly. It is possible to type in the route using numbers 0-9 but one is unable to use letters, even though the input should be HEX.
- [ZLLER95-800] PC Controller removes DSK from provisioning list if a node removed with Device Reset Locally.
- [ZLLER95-755] PC Controller does not ignore KEX report with echo flag set. When receiving a KEX report, the inclusion fails, while the frame should simply be ignored.

1.1.2   Known Defects

- [ZLLER95-902] When using "Set as SIS" in PC Controller the "Network Role" is not visually updated.
- [ZLLER95-895] A Wake Up No More command is issued if Commands Queue contains more than two commands. The PC Controller will send the Wake Up No More command immediately after sending the second command, giving the node no time to answer.
- [ZLLER95-894] Non secure response to Version Command Class Get. PC Controller answers secure requests without secure encapsulation.
- [ZLLER95-893] PC Controller does not answer a Device Specific Get command.
- [ZLLER95-888] PC Controller loses security after exclusion.
- [ZLLER95-871] Wrong key class is used when it is disabled. A get command is sent using the "authenticated" key class even though it was disabled.
- [ZLLER95-853] S2 Multicast to FLiRS node fails.

- [ZLLER95-850] PC Controller cannot OTA firmware update Z/IP Gateway.
- [ZLLER95-848] PC Controller fails when OTA firmware updating another target (number 1) rather than the default Z-Wave target.
- [ZLLER95-847] When a wake up node does not ack a "Wake Up No More Information", then the PC Controller keeps retrying. This is very annoying since the PC Controller UI is blocked and the user is unable to cancel the operation.
- [ZLLER95-844] When receiving a supervision encapsulated wake up notification from a sleeping device, PC Controller will send out messages queued in the mailbox for a sleeping device before replying with supervision report.
- [ZLLER95-841] Logic home control manufacturer is not in classcmd.h.
- [ZLLER95-839] PC Controller cannot make firmware update Z/IP Gateway 2.81 over Z-wave.
- [ZLLER95-838] PC Controller handles large firmware update images incorrectly. When attempt to do the OTA with the large HEX file (~909kBytes), the PC Controller incorrectly estimates frames count.
- [ZLLER95-830] Inclusion Controller can't add nodes in Smart Start.
- [ZLLER95-829] Status for Inclusion Controller Complete is always 0x01.
- [ZLLER95-823] The Wakeup interval is not saved in backup/restore file. As a workaround, manually fix the interval in the configuration file.
- [ZLLER95-814] Overriding a key is not applied until the overridden Security Scheme is once again selected using the button "Security Scheme" --> "Select Security Scheme". The same happens when the key override is disabled.
- [ZLLER95-812] PC Controller sends undefined sequence number on serial API when doing OTW. When PC Controller does OTW using ZW_FirmwareUpdate_NVM_Write, the last payload byte in the frame is a sequence number that is not defined in the application programmer's guide.
- [ZLLER95-805] Inclusion PC Controller asks for DSK during inclusion with Smart Start.
- [ZLLER95-796] PC Controller returns wrong application subversion in Version Report.
- [ZLLER95-793] PC Controller does not set delay for NetworkKeyGetS2_Access.
- [ZLLER95-787] XML files have incorrect entries: the Schedule Override Set and Report Command in the specification and the ZWave_cmd_classes.xml.
- [ZLLER95-784] PC Controller must call ZW_AssignSUCReturnRoute when including a node.
- [ZLLER95-768] Adding two devices to the provisioning list with identical bytes 9-12 in the DSK results in fail inclusion.
- [ZLLER95-753] PC Controller does not handle initiate command during replace failed by inclusion controller.
- [ZLLER95-752] Incorrect interpretation for set point types for CT100 thermostat.
- [ZLLER95-748] Request node info from secondary lowers the active security on the first controller.

1.2   Z-Wave DLL v5.73

None

References

[1]   Silicon Labs, SRN13757, Software Release Note, Z-Wave PC-based Controller.

[2]   Silicon Labs, INS13114, Instruction, Z-Wave PC-based Controller v5 User Guide.

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