Subject: Z-Wave Certification changes effective April 2nd.

Dear Z-Wave Developer,

I've received a number of requests for more information regarding S2, the rapidly approaching April 2nd date and what these really mean for device submissions and certification. The following information should answer everyone's questions and clarify the requirements.

Z-Wave Plus:

1. April 1st is the last day that a <u>new</u> Z-Wave Plus device can be submitted based on SDKs v6.51.xx or v6.61.xx.
   a. New devices submitted on or before this date do NOT have to implement S2 unless they are based on 6.71.xx. S2 is required if the device is based on SDK v6.71.xx
   b. Developers submitting <u>new</u> devices on or before April 1st will have until June 1st to pay the certification fees and supply test samples to the selected test partner.

      i. Failure to meet this deadline will result in the case being closed.
      ii. If a case is closed for failure to meet the June 1st deadline the device will have to be resubmitted based on SDK v6.71.xx and implement S2.

2. Starting April 2nd
   a. <u>All</u> <u>new</u> Z-Wave Plus devices submitted on or after April 2nd MUST be based on SDK v6.71.xx and implement S2.
   b. Recertification of existing Z-Wave Plus devices will NOT be allowed for changes to Z-Wave functionality. Any change to Z-Wave functionality will require a full new certification based on SDK v6.71.xx and implementing S2.
   c. Recertifications of existing Z-Wave Plus devices will only be allowed for the purposes listed below. These recertifications must be based on the same SDK branch (6.51.xx or 6.61.xx) as the original device.

      i. Frequency changes
      ii. Compliance issue resolution
      iii. SDK updates within same branch
      iv. Technical & non-technical changes that do not affect Z-Wave

   d. We will still provide the standard 30 day ad hoc period if minor issues are found during the verification testing of an "S0" device. If an "S0" device fails testing with too many issues to be allowed into ad hoc then the case is closed and the device would have to be submitted as a new certification. If this occurs, the device would have to be based on the new v 6.71.xx SDK and implement S2 when resubmitted.

   c. Upgrade of 6.51.x controllers and slaves: OTA/OTW upgrade from 6.51.xx requires the use of an intermediate app based on 6.61.xx. This intermediate 6.61.xx app does NOT have to be certified

<u>as long as the device is immediately upgraded to v6.71.xx.</u> Please contact your FAE for assistance in obtaining a formal waiver to allow this.

Classic Z-Wave:

1. April 1st is the last day that a <u>new</u> 300 series Classic device can be submitted for certification.
2. Recertifications of existing Classic Z-Wave devices will NOT be allowed for changes to Z-Wave functionality.
3. Recertifications of existing Classic Z-Wave devices will only be allowed for the following purposes.
    a. Frequency changes
    b. Compliance issue resolution
    c. SDK updates within same branch
    d. Technical & non-technical changes that do not affect Z-Wave
4. Please contact your FAE for assistance if you have a Classic 300 series controller that you need to add S2 to. This requires special handling since 300 series controllers are not Z-Wave Plus certified and S2 is tied into the Z-Wave Plus Device & Role Type specifications.

Other Considerations:

1. The addition of S2 to any certified device, regardless of whether it is Classic or Z-Wave Plus, requires the addition of multiple new Command Classes.
    a. All slaves must implement Security 2, Supervision and Transport Service CCs.
    b. Controllers must implement Security 2, Supervision, Transport Service and Inclusion Controller CCs.
2. Security CC v1 is considered an Advanced CC due to the amount of time & effort required to test it. Security CC v2 (S2) is also considered an Advanced CC for the same reason.
3. Certification fees are NOT changing at this time, however; the fee structure may need to be adjusted in the future after enough v6.71.xx/S2 devices have been processed to determine the effect of the new requirements on the time and effort needed to conduct the additional verification tests.

Regards,
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