

Battery MIB Module

draft-ietf-eman-battery-mib-11

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- open issues closed already at version -10
- received comments at WG last call and from MIB doctor review
 - ◆ a few editorial issues
 - ◆ missing alignment with ACPI
 - single battery ID vs. model no. + serial no.
 - solution: update DESCRIPTION clause of batteryIdentifier: concatenating “<model no.>’:’<serial no.>” in batteryIdentifier
 - ◆ mismatching type of batteryActualCharge
 - ◆ missing rate limiting for some notifications

Mismatching type of batteryActualCharge

- had been changed in version -08 from Unsigned32 to Unsigned64TC
 - ◆ to cover large batteries
 - ◆ change had not been made consistently
 - ◆ further objects need to be updated as well:
 - batteryDesignCapacity
 - batteryActualCapacity
 - batteryAlarmLowCharge
 - batteryAlarmLowCapacity
 - ◆ all have the same unit “milliamperere hours”
- proposal: change all to Unsigned64TC

Rate Limiting for Notifications

- some notifications have rate limiting, some not
 - ◆ present for batteryLowNotification and batteryCriticalNotification
 - ◆ Missing for batteryTemperatureNotification and batteryAgingNotification
 - ◆ batteryAgingNotification has an easy fix: “don’t send again before battery replacement or system restart”
 - ◆ more difficult for batteryTemperatureNotification
 - ◆ open Issue: still looking for a good solution

Status and Next Steps

- Status
 - ◆ passed WGLC
 - ◆ many thanks to all who provided comments
 - ◆ only one unsolved issue left
- Next Steps
 - ◆ fix rate limiting for temperature notification
 - ◆ publish new version with
 - ◆ request publication