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| MINUTES | |
| Meeting title: | RDM 46 e-meeting |
| Chair: | Shane HE, Nokia, [shane.he@nokia.com](mailto:shane.he@nokia.com) |
| Vice-Chairs: | TaeHyun Kim, SynchTechno, [thyun.kim@synctechno.com](mailto:thyun.kim@synctechno.com)  Marianne Mohali, Orange, [marianne.mohali@orange.com](mailto:marianne.mohali@orange.com) |
| Secretary: | Peter J. Kim [pjk@tta.or.kr](mailto:pjk@tta.or.kr) |
| Meeting Date: | 2020-07-02 ~ 2020-07-21 |
| Intended purpose of  document: | Decision  Discussion  Information  Other <specify> |

oneM2M Notice

The document to which this cover statement is attached is submitted to oneM2M. Participation in, or attendance at, any activity of oneM2M, constitutes acceptance of and agreement to be bound by terms of the Working Procedures and the Partnership Agreement, including the Intellectual Property Rights (IPR) Principles Governing oneM2M Work found in Annex 1 of the Partnership Agreement.

1 Opening of the meeting

1.1 Welcome

Shane He, RDM Chair, opened the RDM46 meeting on 02 July 2020. Participants were advised to read the oneM2M legal notice on the cover page of the agenda.

1.2 Objectives

1.3 Schedule

1. July 02 (Thu) 12:00~15:00 UTC <https://global.gotomeeting.com/join/205234501>

2. July 14 (Tue) 12:00~15:00 UTC <https://global.gotomeeting.com/join/966740773>

3. July 16 (Thu) 12:00~15:00 UTC <https://global.gotomeeting.com/join/923690309>

4. July 21 (Tue) **13:30**~15:00 UTC <https://global.gotomeeting.com/join/684006613>

2 Review & Approval of Agenda

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| RDM-2020-0055 | RDM #46 Agenda | WG1 Chairs |

RDM-2020-0055 was AGREED

3 Review & Approval of Previous Minutes

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| [RDM-2020-0051](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32273&fromList=Y) | [RDM45.2 Meeting Minutes](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32273&fromList=Y) | Secretary (Peter J. Kim) |

RDM-2020-0051 was AGREED.

4 Review of Open Action Status

None

5 Contributions

The RDM Document Allocation will be updated throughout the technical plenary weeks.

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| RDM-2020-0056 | RDM#46 Tdoc Allocation | WG1 Chairs |

5.1 TS-0023 discussion

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| [RDM-2020-0054](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32279&fromList=Y) | [TS-0023 4.3.0 - SDT and XSD in the GitLab Repository](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32279&fromList=Y) | Andreas Kraft (Deutsche Telekom) |

This contribution presents the current version 4.1.0 of TS-0023, with 106 Module Classes, 66 Device Classes, 2 Sub-Devices, 22 Actions, 42 Enumeration. The SDT definitions follow already the SDT 4.0 format.

Comment was made to close the current WI if the work is complete and open up a new WI for further enhancement. If no further comment is received during this week, SDT WI will be closed at the closing TP Plenary.

RDM-2020-0054 was NOTED

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| [RDM-2020-0049R01](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32275&fromList=Y) | [Adding the temperatureAlarm Module to the deviceThermometer model](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32275&fromList=Y) | CMCC |

This CR modifies the ModuleClass temperatureAlarm and adds it to the Device model deviceThermometer.

Comment was made that this CR was made for a ‘specific’ thermometer, but with other types of thermometers in the market, it should be more specific or be more general.

Table 5.3.1.88 was modified. Revision will be uploaded soon after the meeting.

RDM-2020-0049R01 was NOTED

RDM-2020-0049R02 was AGREED

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| [RDM-2020-0050R01](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32274&fromList=Y) | [Modifying the hdenum TemperatureUnit to TS-0023](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32274&fromList=Y) | CMCC |

This CR modifies the Interpretation of hd:enumTemperatureUnit.

RDM-2020-0050R01 was AGREED

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| [RDM-2020-0052](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32276&fromList=Y) | [Add timer to deviceWindowShade device model to TS-0023](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32276&fromList=Y) | CMCC |

This CR adds timer modules to deviceWindowShade. The timer set at runtime by a user application to change the openLevel.For example, the window shade will be opened according to “targetTimeToStart”.

RDM-2020-0052 was AGREED

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| [RDM-2020-0053](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32277&fromList=Y) | [Adding timer to deviceLight device model to TS-0023](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32277&fromList=Y) | CMCC |

This CR introduces timer to device deviceLight. The timer set at runtime by a user application to give light or alarm. For example, to pretect eyes, it closes the light to inform user that you should have a rest after reading for 1 hour when “targetDuration” sets to 1 hours.

RDM-2020-0053 was AGREED

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| [RDM-2020-0059](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32381&fromList=Y) | [TS-0023\_DM\_dmEventLog](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32381&fromList=Y) | Orange |

This document proposes a new approach for logging events from a device, based on two recently introduced features.

Further modification is required to the document. The contributor will make modification and will also seek for additional comments from other groups using email reflector by the next RDM meeting.

Revised document was reviewed on July 21st session. No comments received via email reflector.

RDM-2020-0059 was NOTED

RDM-2020-0059R01 was AGREED

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| [RDM-2020-0060](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32382&fromList=Y) | [TS-0023\_DM\_dmSoftware](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32382&fromList=Y) | Orange |

This document introduces a new approach to handle software management on NoDN devices based on SDT Device Management technique.

This contribution may require more time for review by the RDM group. Will seek for additional comments from other groups using email reflector by the next RDM meeting.

Revised document was reviewed on July 21st session. No comments received via email reflector.

RDM-2020-0060 was NOTED

RDM-2020-0060R01 was AGREED

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| [RDM-2020-0061](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32383&fromList=Y) | [TS-0023\_DM\_dmAgent](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32383&fromList=Y) | Orange |

This contribution proposes to change the relative weight of the dmAgent and dmDeviceInfo modules: device information should be mandatory for each device, whereas there are devices that may not support reboot/factory reset operation remotely (currently this operation is mandatory in dmAgent). In addition, moved *description* and *friendlyName* datapoints from dmAgent to dmDeviceInfo.

RDM-2020-0061 was AGREED

5.2 TR-0049 discussion

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| [RDM-2020-0057](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32339&fromList=Y) | [TR-0049 v0.6.0 new baseline](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32339&fromList=Y) | Zhirong Zeng (Hitachi) |

No comments received.

RDM-2020-0057 was AGREED

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| [RDM-2020-0058](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32355&fromList=Y) | [TR-0049 full text editorial check](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32355&fromList=Y) | Zhirong Zeng (Hitachi) |

This oneM2M Technical Report analyzes the possibility and method of using oneM2M to provide semantic support in industrial scenarios. Furthermore, a design principle of semantic support using oneM2M is proposed to provide an idea for the future development of oneM2M semantic specification.

Minor editorial changes made online. Revision will be uploaded soon. Provision of new baseline for TR-0049 before the closing plenary was requested.

RDM-2020-0058 was NOTED

RDM-2020-0058R01 was AGREED

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| [RDM-2020-0065](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32422&fromList=Y) | [TR-0049 v0.7.0 new baseline](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32422&fromList=Y) | Zhirong Zeng (Hitachi) |

No comments received.

RDM-2020-00650 was AGREED

5.3 TS-0023 discussion

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| [RDM-2020-0062](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32385&fromList=Y) | [Smart Lift requirement](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32385&fromList=Y) | SBS, TIM |

Modification made online. Agreed revision will be uploaded.

RDM-2020-0062 was NOTED

RDM-2020-0062R01 was AGREED

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| [RDM-2020-0064R01](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32440&fromList=Y) | [SDT for Smart LiftTS 0023](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32440&fromList=Y) | SBS, TIM |

Due to the amount of information in the contribution, more time to review the CR was requested by the participants. Offline discussion is encouraged. Revision will be discussed at post TP46 RDM session.

RDM-2020-0064 was NOTED

RDM-2020-0064R01 was NOTED

5.4 TS-0002 discussion

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| [RDM-2020-0063](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32386&fromList=Y) | [Advanced Semantic Discovery Requirements](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32386&fromList=Y) | TIM on behalf of STF 589 (INRIA, UPM, KETI, JK Cconsulting) |

Document sequence number need adjustment. Agreed as rapporteur can fix the numbering.

RDM-2020-0063 was AGREED

5.5 WI-0092 discussion

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| [RDM-2020-0066](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32441&fromList=Y) | [Update\_WI\_RAILDE](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32441&fromList=Y) | Andrew Min-gyu Han (Hansung University) |

None. This contribution will be brought to the closing TP.

RDM-2020-0066 was NOTED

6 Planning for next Meetings

6.1 Next Conference Calls

RDM#46.1 September 7th, 12:00~14:00 UTC

RDM#46.2 September 21st, 12:00~14:00 UTC

6.2 Face to Face Meetings

N/A

7 Any other business

7.1 Presentation of webinar on the oneM2M release 4 previews

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| [Presentations-2020-0001](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32227&fromList=Y) | [20200617-Webinar oneM2M Status&Rel4preview](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32227&fromList=Y) | TPC, RDM Chair, SDS Chair, TDE Chair |

7.2 Presentation of Telco Edge Cloud introduction by GSMA OPG (by Juan Carlos Garcia Lopez)

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| [TP-2020-0076](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32400&fromList=Y) | [GSMA OPG TEC Introduction OneM2M](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32400&fromList=Y) | GSMA OPG |

Presentation on types of telco edge cloud models and promotion of edge standardization by OPG was made. This document will be presented again at the closing plenary.

7.3 TR-0049 completion

The status of this TR will be brought to TP for approval

7.4 TP Closing Report

No comments received.

8 Closure of meeting

The Chair thanked the participants and closed the meeting at July 21, 15:30 UTC.