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| MINUTES |
| Meeting title: | RDM 44 – San Diego, CA (USA) |
| Chair: | Shane HE, Nokia, shane.he@nokia.com  |
| Vice-Chairs: | TaeHyun Kim, SynchTechno, thyun.kim@synctechno.com Marianne Mohali, Orange, marianne.mohali@orange.com  |
| Secretary: | Victoria Mitchell, TIA, vmitchell@tiaonline.org   |
| Meeting Date: | 18-21 February 2020 |
| Intended purpose ofdocument: | [x]  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 RDM44 meeting on 18 February 2020. Participants were advised to read the oneM2M notice on the cover page of the agenda.

1.2 Objectives

The objectives, as listed on the agenda, were reviewed.

2 Review & Approval of Agenda

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| [RDM-2020-0016R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31591&fromList=Y) | [RDM44 Agenda](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31591&fromList=Y) | RDM Chair (Shane HE) |

RDM-2020-0016R01 was AGREED

3 Review & Approval of Previous Minutes

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| [RDM-2020-0004](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31471&fromList=Y) | [Minutes RDM 43-1](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31471&fromList=Y) | Karen Hughes, ETSI |

RDM-2020-0004 was previously agreed by correspondence.

4 Review of Open Action Status

None

5 Contributions

The RDM Document Allocation ([RDM-2020-0017](http://member.onem2m.org/Application/documentapp/downloadimmediate/default.aspx?docID=31608)) will be updated throughout the week.

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| [RDM-2020-0005](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31503&fromList=Y) | [Presentation\_of\_Device\_Management\_in\_SDT](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31503&fromList=Y) | Orange, DT, Chrodant |

Proposes to add a new device management extension.

Additional discussions will occur before the CR is reviewed in detail and agreement is sought (RDM-2019-0127R02).

RDM-2020-0005 was NOTED

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| [RDM-2020-0007](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31523&fromList=Y) | [TS0023 Better reflecting multiplicity in SubDevices and Devices tables](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31523&fromList=Y) | Orange, DT |

This CR presents a proposal to change the tables in sections 5.4 and 5.5 of TS-0023. SDT 4.0 not only supports optional specifications of SubDevices and ModuleClasses but will allow a more fine-grain cardinality of those elements. This fact must be reflected in the tables of the aforementioned sections of TS-0023 as well.

RDM-2020-0007 was NOTED
RDM-2020-0007R01 was AGREED

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| [RDM-2020-0012](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31553&fromList=Y) | [SDT 4.0 Proposed Changes to XSD](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31553&fromList=Y) | Deutsche Telekom |

This contribution provides a status update and, upon agreement, the GitLab will be updated.

Action RDM44-01:
Andreas will merge the branch (see RDM-2020-0012) into the work item branch so that it becomes an officially agreed upon GitLab branch. This is the last technical change for the SDT 4.0. Andreas will begin the documentation and use cases.

RDM-2020-0012 was NOTED

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| [RDM-2020-0006R02](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31606&fromList=Y) | [TS-0002\_Edge\_Fog\_Terminology\_Update](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31606&fromList=Y) | KDDI |

This CR proposes to update Edge/Fog related terminology based on the agreed contribution “RDM-2019-0125R01-TS-0011 Edge Fog Terminology Update”.

RDM-2020-0006R02 was NOTED
RDM-2020-0006R03 was AGREED

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| [RDM-2020-0009](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31538&fromList=Y) | [TS-0023-rule\_13\_api\_R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31538&fromList=Y) | Convida |

The contribution provides clarification of table parameters.

As Rule 12 is proposed to be left empty, it is suggested to write Void instead, and add a note to explain it is left clear for future use in Rel-4. This Rule is defined in the associated R4 contribution [RDM-2020-0008](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31537&fromList=Y).

RDM-2020-0009 was NOTED
RDM-2020-0009R01 was NOTED
RDM-2020-0009R02 was NOTED
RDM-2020-0009R03 was AGREED

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| [RDM-2020-0008](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31537&fromList=Y) | [TS-0023-rule\_13\_api](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31537&fromList=Y) | Convida |

Mirror Rel 4 CR of [RDM-2020-0009](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31538&fromList=Y).

RDM-2020-0008 was NOTED
RDM-2020-0008R01 was NOTED
RDM-2020-0008R02 was NOTED
RDM-2020-0008R03 was AGREED

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| [RDM-2020-0010](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31541&fromList=Y) | [Clarification on semantic behavior of data points in ModuleClasses](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31541&fromList=Y) | Deutsche Telekom, Orange, Chordant |

This contribution provides a clarification on the semantic behavior of data points in ModuleClasses.

RDM-2020-0010 was AGREED

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| [RDM-2019-0127R02](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31540&fromList=Y) | [TS0023 Device\_Management\_in\_SDT](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31540&fromList=Y) | Orange, DT, Chrodant |

This contribution proposes a new approach that consists in transposing the Device Management functions into SDT modules. We present some new modules that are very close to <mgmtObj> resources. The idea is to give the users a simple, unified framework for handling both functional and management behaviors of devices.

A new work item will be proposed to the TP. No additional discussions in RDM is needed.

The change request was technically coherent with the intent of replacing the management object currently defined with an SDT management. The contribution was noted with the condition that RDM WG would deliver the decision to TP.

RDM-2019-0127R02 was NOTED
RDM-2019-0127R03 was NOTED

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| [RDM-2020-0018R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31613&fromList=Y) | [Presentation\_of\_Smart\_Lifts\_Use\_Cases](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31613&fromList=Y) | SBS |

Presentation that expounds upon the use cases provided in [RDM-2020-0011](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31546&fromList=Y).

RDM-2020-0018R01 was NOTED

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| [RDM-2020-0011](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31546&fromList=Y) | [Smart Lifts Use Cases](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31546&fromList=Y) | SBS, TIM |

ETSI TR 103 546 V0.2.1 (2019-12) has been consolidated and it is expected to be formally finalized in March 2020 and published in Apri2020.

it is currently available as ETSI TR 103 546 V0.2.1 in the open area of ETSI TC SmartM2M <https://docbox.etsi.org/SmartM2M/Open/>, and then will be available as ETSI published document.

The document contains a pre-standardization study on Smart Lifts, and it focalize on uses cases, roles and the description of the data to be exchanged by the smart lifts.

The intention is now to proceed in its standardization using oneM2M (independently form SAREF-to support intra vertical deployment cases) and in parallel to include also these data in the SAREF package (to cope for te case of inter-vertical services deployment).

To be added to TR-0001, Section 6 (as Section 6.3).

RDM-2020-0011 was NOTED
RDM-2020-0011R01 was NOTED
RDM-2020-0011R02 was AGREED

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| [RDM-2020-0013](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31570&fromList=Y) | [IM\_Card\_Recharging\_machine](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31570&fromList=Y) | Andrew Min-gyu Han, Hansung Univ. |

This CR adds a recharging machine of passenger card as a device model of the Railway Domain. The passenger card is a kind of payment method which is used to pay for public transportation services such as subway or metro.

Contributor is the Rapporteur for the document into which this information will be added. A new baseline will be submitted for approval during a future RDM teleconference.

RDM-2020-0013 was NOTED
RDM-2020-0013R01 was NOTED
RDM-2020-0013R02 was AGREED

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| [RDM-2020-0014](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31571&fromList=Y) | [IM\_Smart\_Gate\_machine](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31571&fromList=Y) | Andrew Min-gyu Han, Hansung Univ |

This CR adds a smart gate of passenger card as a device model of the Railway Domain. The gate is used in subway or metro.

Revision expected.

RDM-2020-0014 was NOTED
RDM-2020-0014R01 was NOTED

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| [RDM-2020-0020](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31639&fromList=Y) | [TS-00xx Interworking with Public Warning Service System](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31639&fromList=Y) | SyncTechno |

This contribution provides a specification for the interworking method between the public alert service system and the M2M system based on the content described in TR-0046.

RDM-2020-0020 was NOTED
RDM-2020-0020R01 was NOTED
RDM-2020-0020R02 was AGREED

7 Planning for next Meetings

7.1 Next Conference Calls

RDM44.1 – 24 March 2020 – 13:00-14:30 (UTC)
RDM44.2 – 7 April 2020 – 13:00-14:30 (UTC)

7.2 Face to Face Meetings

11-15 May 2020 – Washington, DC (ATIS’ office)

8 Any other business

None

9 Closure of meeting

The final RDM44 session was held on 20 February 2020.