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| MINUTES |
| Meeting title: | RDM 52 e-meeting |
| 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: | Joey Lee joey2k@tta.or.kr; Xavier Piednoir Xavier.Piednoir@etsi.org; |
| Meeting Date: | 2021-11-30 ~ 2021-12-03 |
| Intended purpose ofdocument: | [x]  Decision[ ]  Discussion[ ]  Information[ ]  Other <specify> |

oneM2M Notice

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1 Opening of the meeting

1.1 Welcome

Shane He, RDM Chair, opened the RDM52 meeting on 30th Nov 2021. Participants were advised to read the oneM2M legal notice on the cover page of the agenda.

1.2 Objectives

1.3 Schedule

1. 2021-11-30 11:00 (ETSI time)

2. 2021-12-01 11:00 (ETSI time)

3. 2021-12-01 13:30 (ETSI time)

4. 2021-12-02 13:30 (ETSI time)

2 Review & Approval of Agenda

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| RDM-2021-0084 | RDM #52 Agenda | RDM Chair |
| RDM-2021-0085 | RDM#52 Tdoc Allocation  | RDM Chair |

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

RDM-2021-0085 was NOTED.

RDM-2021-0084 was AGREED.

3 Review & Approval of Previous Minutes

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| RDM-2021-0083  | RDM 51.2 minutes | Secretary (Karen Hughes) |

This meeting report are under the e-mail approval process by 2021-12-07.

Experts who has opinion can express to Shane or Karen.

4 Review of Open Action & WI Status

4.1 WI Status

WI-0015 - oneM2M Use Case Continuation

WI-0104 - SDT based Information Model and Mapping for Vert. Ind. (Rel 5)

WI-0105 - System enhancements to support AI capabilities

WI-0092 - Railway Domain Enablement 100%

WI-0094 - Ontologies for Smart City Services 40%

WI-0098 - IoT for Smart Lifts 40%

WI-0101 - Advanced semantic discovery 25%

4.2 TS Status

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| **TS** | **Title** | **Rel-5** | **Rel-4** | **Rel-3** | **Rapporteur** | **Comment** |
| TS-0002 | Requirements  | new | 4.7.0 | 3.1.2 | Shane He, Nokia | Rel.5 |

4.3 TR Status

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| **TR** | **Title** | **Rel-5** | **Rel-4** | **Rel-3** | **Rapporteur** | **Comment** |
| TR-0001 | Use Cases Collection |  | 4.4.0 | 3.1.1 | Massimo Vanetti (SBS), Shane He(Nokia) | Rel.5 |
| TR-0058 | Railway Domain Enablement |  | 0.7.0 | - | Andrew Min-gyu Han(Hansung Univ.) |  |
| TR-0061 | Study on ontologies for Smart City Services |  | 0.2.0 | - | InSong Lee, KETI  |  |
| TR-0068 | AI enablement to oneM2M |  | 0.2.0 |  | JaeSeung Song (KETI) |  |

4.4 Action Items

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| **Number** | **Action** | **Responsible** | **Status** |
| N/A |  |  |  |

5 Contributions

5.1 TR-0068 discussion

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| RDM-2021-0078 | Supporting Automated Machine Learning | Hyundai Motors and KETI |
| RDM-2021-0078R01 | Supporting Automated Machine Learning | Hyundai Motors and KETI |

This contribution introduces a new use case for supporting Automated Machine Learning.

Comments

* Experts asked if there are already determined data sets from proposer and proposer replied that this is a general requirement and proposer doesn’t have any data set already developed.
* Experts asked to change the use case title from Autonomous Driving to Autonomous Operating, and it is agreed. Proposer will update the description part accordingly.

The revision provided was agreed without further comments.

RDM-2021-0078 was NOTED.

RDM-2021-0078R01 was NOTED.

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| RDM-2021-0082R01 | ML\_AI\_UseCasesFrom\_STF601 | Exacta |

As discussed in a previous RDM meeting, this contribution brings the 33 use cases into TR-0068 to take advantage of the work done by STF 601 and for further exploration in this WG.

Revision expected.

Comments

* This TR is published version at STF 601.
* The templates of ETSI and oneM2M use cases are a little different. (e.g. Potential Requirements)
* These use cases have some references, so these need to be checked if these are also visible from oneM2M.
* Bob and JaeSeung suggest to have a section for this use cases in TR-0001 and will analyze some use cases of this document and suggests way-forwards at the next meeting.

Revision expected.

RDM-2021-0082R01 was NOTED.

5.2 TS-0023 discussion

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| RDM-2021-0081 | SDT-issues-identified\_in\_TDE | Exacta |

This CR proposes some changes to deal with issues identified during preparation of test purposes for TDE, TDE-2021-0067-SDTC-Device\_model\_TPs

Comments

* Change 1 will not be reflected.
* Some editorial comments were made in Change2 and Change 4.
* E-mail discussion will be opened to discuss Change 5 to 7 and will not be included in the R01.

R01 reflected these comments.

RDM-2021-0081 was NOTED.

RDM-2021-0081R01 was AGREED.

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| RDM-2021-0061 | TS-0023-V4\_9\_0\_New\_baseline | Andrew Min-gyu Han (Hansung University) |

Document 0061 is the new baseline for TS-0023 (v4.9.0) it was presented by Andrew.

0061 is noted and a revision will be provided in 0061R01 to include the latest CR (0081R01) and fix the typo to “TSDSI” in the footer of the baseline document.

RDM-2021-0061 was NOTED.

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| RDM-2021-0069 | TS-0023-V5\_1\_0\_New\_baseline | Andrew Min-gyu Han (Hansung University) |

Document 0069 is the new baseline for TS-0023 (v5.1.0), presented by Andrew.

0069 is noted and a revision will be provided in 0069R01 to fix the typo to “TSDSI” in the footer of the baseline document. It was noted that a Rel-5 mirror would be needed for CR 0081R01.

RDM-2021-0069 was NOTED.

5.3 TR-0001 discussion

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| RDM-2021-0087 | Use case on disguising data for security and privacy | KETI and Hyundai Motors |

The document was presented by JaeSeung Song.

Comments
Marianne asked if the feature creates obfuscation by adding “unnecessary” data (therefore increasing the amount of data to be stored) or if the intent is to have an algorithm that transforms the data without adding any stress on the data storage capacity.

Shane wondered if it would be simpler to simply return an error in case a person requesting access to the data is identified as unauthorised. JaeSeung answered that there are grey areas and that also some requirements stem from EU’s GDPR.

Shane proposed that JaeSeung added this information to the contribution, to make it clearer.

RDM-2021-0087 was NOTED.

5.4 TR-0058 discussion

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| RDM-2021-0088 | TR-0058\_introduction | Andrew Min-gyu Han (Hansung University) |
| RDM-2021-0088R01 | TR-0058\_introduction | Andrew Min-gyu Han (Hansung University) |

Contribution presented by Andrew to fill the missing chapters in TR-0058.

Comments
It was suggested to replace the word “issue” by the word “challenge”. The resulting revision was agreed.

RDM-2021-0088 was NOTED.

RDM-2021-0088R01 was AGREED.

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| RDM-2021-0089 | handling\_undescribed\_chapters | Andrew Min-gyu Han (Hansung University) |

The document was presented by Andrew. The proposal is to keep only use cases for Rel-5.

Comments
Shane asked why the chapters 8, 9 and 10 are not deleted. Andrew replied that this is to avoid renumbering of the following clauses and keep alignment with the Rel-4 document.

Shane proposed restructuring the Rel-4 TR to allow for non-empty clauses in Rel-5.

It was eventually agreed to simply remove the empty clauses as suggested by Shane. Document 0089 was noted and the cleanup will be addressed in the baseline directly.

RDM-2021-0089 was NOTED.

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| RDM-2021-0090 | TR-0058\_Definitions\_symbols\_and\_abbreviations | Andrew Min-gyu Han (Hansung University) |
| RDM-2021-0090R1 | TR-0058\_Definitions\_symbols\_and\_abbreviations | Andrew Min-gyu Han (Hansung University) |

The document was presented by Andrew. Cleanup and addition of smart railway service definition in clause 3.

Comments
The wording was improved and the revision of the contribution in document 0090R01 was agreed.

RDM-2021-0090 was NOTED.

RDM-2021-0090R01 was AGREED.

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| RDM-2021-0062 | TR-0058-V0\_9\_0\_New\_baseline | Andrew Min-gyu Han (Hansung University) |

The document was presented by Andrew. The baseline was revised to take into account the changes brought to documents 0088, 0089 and 0090.

Comments
The introduction of the document as well as the introductory text for the introduction to railway domain (section 5) were reworded.

0062 was noted, expecting availability of 0062R01 which will be presented to the closing TP52.

RDM-2021-0062 was NOTED.

5.5 Other documents

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| RDM-2021-0066R05 | Work Item for IPE-based Device Management with FlexContainer | Orange (Cyrille-Marianne) |

The document was presented by Marianne. The document has undergone several revisions, following exchanges at the opening TP and during the SDS sessions.

Marianne explained that the concern by Enrico was that there should not be a mix of technical solutions to be able to fully address the scope of parameters that can be managed. Marianne confirmed that the WI has been updated to remove considerations about deprecation of other device management solutions and focusing on the requirements for device management using FlexContainers.

Marianne proposed that RDM and SDS be co-leads for the WI.

Document 0066R05 was noted and will be presented to SDS as well.

RDM-2021-0066R05 was NOTED.

6 Planning for next Meetings

6.1 Next Conference Calls

 - RDM 52.1: 20 Dec. 2021, 12:00-14:00 UTC

- RDM 52.2: 17 Jan. 2022, 12:00-14:00 UTC

For information, TP 53 will be held from 7 to 18 Feb. 2022 as e-meeting only.

6.2 Face to Face Meetings

N/A

7 Any other business

7.1 TP Closing Report

Chair’s report draft has been reviewed. The completion rate for TR-0058 was confirmed to be 100%. Shane congratulated Andrew for the work on the TR, which could then be sent to TP for approval. The report will be presented by RDM chair at the TP Closing Plenary.

8 Closure of meeting

The Chair thanked the participants and closed the meeting on 2 Dec 15:30 ETSI time.