|  |  |
| --- | --- |
| MINUTES | |
| Meeting title: | RDM 47 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: | 2020-09-28 ~ 2020-10-23 |
| 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 30 September 2020. Participants were advised to read the oneM2M legal notice on the cover page of the agenda.

1.2 Objectives

1.3 Schedule

1. Sep 30 (Wed) 12:00~15:00 UTC <https://global.gotomeeting.com/join/663611141>

2. Oct 13(Tue) 12:00~15:00 UTC <https://global.gotomeeting.com/join/540521725>

3. Oct 15 (Thu) 12:00~15:00 UTC <https://global.gotomeeting.com/join/442962093>

4. Oct 22 (Thu) 12:00~15:00 UTC <https://global.gotomeeting.com/join/811944549>

2 Review & Approval of Agenda

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0073](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32646&fromList=Y) | [RDM\_47 Agenda](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32646&fromList=Y) | RDM Chair |
| [RDM-2020-0074](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32647&fromList=Y) | [RDM47\_tdoc\_allocation](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32647&fromList=Y) | RDM Chair |

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

RDM-2020-0073 was AGREED

3 Review & Approval of Previous Minutes

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0069](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32605&fromList=Y) | [RDM 46.2 Meeting Minutes](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32605&fromList=Y) | Secretary (Peter J. Kim) |

RDM-2020-0069 was AGREED.

4 Review of Open Action & WI Status

4.1 WI Status

WI-0015 - oneM2M Use Case Continuation

WI-0046 - Vehicular domain enablement 91% (freeze at TP47)

WI-0070 - Public Warning Service Enabler - normative work 40%

WI-0084 - SDT based Information Model and Mapping for Vert. Ind. 95% (approval at TP47)

WI-0092 - Railway Domain Enablement 50%

WI-0094 - Ontologies for Smart City Services 40%

WI-0098 - IoT for Smart Lifts 40%

WI-0099 - Management Object Migration 30%

WI-0101 - Advanced semantic discovery 25%

4.2 TS Status

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **TS** | **Title** | **Rel-5** | **Rel-4** | **Rel-3** | **Rapporteur** | **Comment** |
| TS-0002 | Requirements | new | 4.7.0 | 3.1.2 | Shane He, Nokia |  |
| TS-0023 | SDT based Information Model & Mapping for Vertical Industries | - | 4.4.1 | 3.9.0 | Andreas Kraft, DT & Andrew Min-gyu Han, Hansung University |  |
| TS-0036 | Advanced Vehicular Domain Enablement | -- | 0.0.1 | 0.0.1 | Kenichi Yamamoto, KDDI | Removed from WI |
| TS-0037 | IoT Public Warning Service Enablement | - | 0.0.1 | - | TaeHyun Kim, SyncTechno |  |

4.3 TR Status

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **TR** | **Title** | **Rel-5** | **Rel-4** | **Rel-3** | **Rapporteur** | **Comment** |
| TR-0001 | Use Cases Collection |  | 4.4.0 | 3.1.1 | Catalina Mladin, InterDigital | New Rapporteur  Massimo & Shane |
| TR-0026 | Vehicular Domain Enablement |  | 4.8.0 | 3.0.1 | Kenichi Yamamoto, KDDI |  |
| TR-0046 | Study on Public Warning Service Enabler |  | 0.9.0 | - | SeungMyeong JEONG, KETI & TaeHyun KIM, SyncTechno Inc. | Approved |
| TR-0049 | Industrial Domain Information Model Mapping and Semantics Support |  | 0.7.0 | - | Zhirong Zeng, Hitachi | Approved |
| 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 |  |

4.4 Action Items

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

5 Contributions

5.1 TS-0023 discussion

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0064R02](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32593&fromList=Y) | [SDT for Smart LiftTS 0023](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32593&fromList=Y) | SBS, TIM |

This contribution is continuation from the RDM 46.2 session.

Inconsistency with other module classes within TS-0023 need to be further discussed over email.

RDM-2020-0064R02 was NOTED

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0075](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32649&fromList=Y) | [TS-0023-V4\_5\_0\_New\_baseline](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32649&fromList=Y) | Andrew Min-gyu Han (Hansung University) |

Comment/Issue: None

RDM-2020-0075 was AGREED

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0077](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32667&fromList=Y) | [Adding new specializations to TS-0023](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32667&fromList=Y) | Orange |
| [RDM-2020-0077R01](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32733&fromList=Y) | [Adding new specializations to TS-0023](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32733&fromList=Y) | Orange |

Document contains identification of resource specializations which should be added to the SDT. Further discussion is needed and revision will be dealt later in the TP47 week. Expecting R01.

RDM-2020-0077 was NOTED

RDM-2020-0077R01 was AGREED

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0076R01](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32686&fromList=Y) | [CR\_battery table changes](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32686&fromList=Y) | Andrew Min-gyu Han (Hansung University) |

Comments applied online.

RDM-2020-0076R01 was NOTED

RDM-2020-0076R02 was AGREED

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0015](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31572&fromList=Y) | [IM\_Smart\_Screen\_Door](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31572&fromList=Y) | Andrew Min-gyu Han, Hansung Univ. |

This CR is provided to propose a Smart Screen Door ModuleClass where smart screen door usecase is described in the railway usecases of the TR-0058. Editorial changes made online. R01 agreed.

RDM-2020-0015 was NOTED

RDM-2020-0015R01 was AGREED

5.2 TS-0002 new baseline discussion

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0071](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32643&fromList=Y) | [TS-0002-Requirements-V4\_8\_0\_baseline](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32643&fromList=Y) | Shane HE (Nokia) |

Comment/Issue: None

RDM-2020-0071 was AGREED

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0072](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32645&fromList=Y) | [TS-0002-Requirements-V5\_0\_0\_baseline](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32645&fromList=Y) | Shane HE (Nokia) |

Comment/Issue: None

RDM-2020-0072 was AGREED

5.3 TS-0037 discussion

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0078](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32687&fromList=Y) | [TS-0037-V4\_0\_5\_New\_baseline](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32687&fromList=Y) | SyncTechno |
| [RDM-2020-0078R01](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32707&fromList=Y) | [TS-0037-V0\_1\_0\_New\_baseline](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32707&fromList=Y) | SyncTechno |

Comment/Issue: Version number need to be modified from 4.0.5 to 0.1.0. Revision is expected

RDM-2020-0078 was NOTED

RDM-2020-0078R01 was AGREED

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0079](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32699&fromList=Y) | [TS-0037 IoT Public Warning Service Enablement](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32699&fromList=Y) | SyncTechno |
| [RDM-2020-0079R01](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32702&fromList=Y) | [TS-0037 IoT Public Warning Service Enablement](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32702&fromList=Y) | SyncTechno |
| [RDM-2020-0079R02](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32736&fromList=Y) | [TS-0037 IoT Public Warning Service Enablement](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32736&fromList=Y) | SyncTechno |
| [RDM-2020-0079R03](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32787&fromList=Y) | [TS-0037 IoT Public Warning Service Enablement](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32787&fromList=Y) | SyncTechno |

Comment/Issue: ASN nodes and other needs modifications. More time is required for review.

RDM-2020-0079 was NOTED

RDM-2020-0079R01 was NOTED

RDM-2020-0079R02 was NOTED

RDM-2020-0079R03 was AGREED

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0084](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32793&fromList=Y) | [TS-0037 V0.9.0 New baseline for approval](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32793&fromList=Y) | SyncTechno |

The present document specifies the unified information model of the public warning service and defines the resource mapping rule for the information model of the public warning service over oneM2M system. The information model of the public warning service described in this document is applicable not only for an emergency alerting that authorities send the public but also for warnings that used to be distributed to IoT devices in commercial services.

Due to the fact that the contribution was submitted during the meeting, it was proposed that this document be presented at the closing TP and seek email approval.

RDM-2020-0084 was AGREED (conditionally)

5.4 TR-0067 discussion

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0081](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32735&fromList=Y) | [New TR-0067 for Study on Management Object Migration to SDT](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32735&fromList=Y) | Orange |
| [RDM-2020-0081R01](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32767&fromList=Y) | [New TR-0067 for Study on Management Object Migration to SDT](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32767&fromList=Y) | Orange |

The present document is a Technical Report which studies the completion of SDT (Smart Device Template) using <flexContainer> resource specializations and the possible migration of the existing device management model using Management Object (<mgmtObj>).

Additional time will be provided for the WG’s review. Revision is expected by Oct. 22nd meeting.

RDM-2020-0081 was NOTED

RDM-2020-0081R01 was AGREED

5.4 TR-0058 discussion

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0082](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32788&fromList=Y) | [Use case for railway domain safety](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32788&fromList=Y) | Shane HE (Nokia) |

This CR is provided to add a new use case for TR-0058 to address the concern of railway domain safety.

RDM-2020-0082 was AGREED

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0083](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32790&fromList=Y) | [Railway domain activities in ITU](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32790&fromList=Y) | Shane HE (Nokia) |

This CR is provided to add new text for TR-0058 to address the concern of key issues for railway domain enablement.

RDM-2020-0083 was NOTED

RDM-2020-0083R01 was AGREED

5.5 Other discussion

|  |  |  |
| --- | --- | --- |
| [RDM-2020-0070](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32637&fromList=Y) | [Smart Tourism Data and Ontology](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32637&fromList=Y) | KETI |

Comment/Issue: None

RDM-2020-0070 was NOTED

6 Planning for next Meetings

6.1 Next Conference Calls

RDM#47.1, 18 Nov. 12:00~14:00 UTC

6.2 Face to Face Meetings

N/A

7 Any other business

7.1 TP Closing Report

No comments received.

8 Closure of meeting

The Chair thanked the participants and closed the meeting at 22 October 13:40 UTC.