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| MINUTES |
| Meeting title: | SDS 69 |
| Chair: | Peter Niblett, IBM,  |
| Vice-Chairs: | SeungMyeong Jeong, KETI, sm.jeong@keti.re.kr Wei Zhou, CICT, zhouwei@catt.cn  |
| Secretary: | Karen Hughes, ETSI karen.hughes@etsi.org Volker Leisse, ETSI volker.leisse@etsi.org |
| Meeting Date: | 2025-03-31 - 2025-04-04 |
| Intended purpose ofdocument: | [x]  Decision[ ]  Discussion[ ]  Information[ ]  Other <specify> |

oneM2M Notice

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1 Opening of the meeting

1.1 Welcome

Peter Niblett, SDS WG Chair, opened the meeting and welcomed the participants, especially those who travelled to Jeju. He thanked the hosts KETI and ETRI.

Participants were reminded to familiarize themselves with the participation notices.

1.2 Objectives

* Review new TS-0004, TS-0022, TS-0041 and TR-0071 baselines
* Review contributions submitted for SDS 69 and earlier meetings
* Progress the outstanding issue backlog

2 Review & Approval of Agenda

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| SDS-2025-0052 | Agenda SDS 69 | SDS Chair – Peter Niblett |

**SDS-2025-0052 was AGREED**

3 Review & Approval of Previous Minutes

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| SDS-2025-0044 | Minutes SDS 68.2 | Karen Hughes, ETSI |

These minutes were agreed by correspondence

**SDS-2025-0044 was AGREED**

4 Review of open Action and Issue Status

**Priority actions are marked with a \***

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| **Number** | **Action** | **Responsible** | **Status** |
| A-SDS-39-01  | TS-0004, clause 8.4.3 – investigate example 3 when an intermediary resource doesn’t have access privilege | Peter | SDS-2019-0344SDS-2019-0302SDS-2019-0186Bob has provided a discussion in [SDS-2023-0236](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=36448&fromList=Y)  |
| A-PRO-26-01 \* | Register CoAP codes with IANA | Peter & Miguel | CoAP codes have now been changed to answer question from IANA expert.IANA expert has replied saying that long CoAP option values do not work too well and has suggested some alternatives. TS-0008 v5 changes have been agreed* Miguel to proceed with IANA registration (R2..R4)
* Numeric values for CoAP media codes also need to be registered with IANA
 |
| A-SDS-62-01 | Need a CR to add call flows in TS-0001 to explain the order in which the SSP-related resources get created and a CR to TS-0004 adjust the text in clause 7.4.20 to match that. | Bob and Poornima |  |
| A-SDS-68-01 | Following on from **SDS-2025-0013R01** we need to investigate what TS-0004 changes are required to handle the case where someone changes SSID of either serviceSubscribedAppRule or ServiceSubscriptionProfile while the AppRule is linked to the Profile. | C-DOT |  |

**The issue tracker can be found at** [**https://git.onem2m.org/issues/issues/issues**](https://git.onem2m.org/issues/issues/issues)

**Some matters arising from issue review at SDS 61.1 and 61.3:**

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| **Issue**  | **Discussion** | **Resolution** |
| **4** | Consensus reached already. Bob has volunteered to create the CRs | LEFT OPENCRs needed |
| **6** | Related to TS-0004 and Issue #123Additional discussions will occur, and a CR will be created. | LEFT OPEN |

5.1 Latest Baseline Versions

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| **TS** | **Title** | **Git** | **Rel-5** | **Rel-4** | **Rel-3** | **Rel-2** | **Rapporteur** | **Comment** |
| TS-0001 | Functional Architecture |  | [5.7.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37297&fromList=Y) | [4.23.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37296&fromList=Y) | [3.35.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=36774&fromList=Y) | [2.36.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=36556&fromList=Y) | SeungMyeong (KETI) | Baseline for 2.37 deferred until we have some CRs against R2[SDS-2024-0029](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=36663&fromList=Y)New baselines needed for R3, R4, R5 |
| TS-0003 | Security Solutions |  | [5.0.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37295&fromList=Y) | [4.8.1](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=36602&fromList=Y) | [3.17.1](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=36603&fromList=Y) | [2.21.1](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=36604&fromList=Y) | Wei (Datang) | New baselines needed for R3, R4, R5 |
| TS-0004 | Core Protocol |  |  | [4.22.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37564&fromList=Y) | [3.32.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=36772&fromList=Y) | [2.35.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=36771&fromList=Y) | Peter (IBM) | New 4.22.1 baseline for review

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| [SDS-2025-0054](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37560&fromList=Y)New 5.0.0 baseline for review[SDS-2025-0055](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37561&fromList=Y) | [SDS 68 Minutes](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37469&fromList=Y) |

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| TS-0005 | Management Enablement (OMA) | [4.0.3 - md](https://git.onem2m.org/specifications/ts/ts-0005/-/blob/v4.0.3/TS-0005-Management_Enablement_%28OMA%29.md)[4.0.3 - history](https://git.onem2m.org/specifications/ts/ts-0005/-/network/v4.0.3) |  | [4.0.3](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37352&fromList=Y) | [3.5.1](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=21712) | [2.0.2](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=18459) | Vacant |  |
| TS-0006 | Management Enablement (BBF) | [4.0.0 - md](https://git.onem2m.org/specifications/ts/ts-0006/-/blob/R4/TS-0006-Management_Enablement_%28BBF%29.md?ref_type=heads)[4.0.0 - history](https://git.onem2m.org/specifications/ts/ts-0006/-/network/R4) |  | [4.0.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30160&fromList=Y) | [3.6.2](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=19808) | [2.2.1](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=18611) | Vacant | New 4.0.1 baseline to be uploaded to WPM - [SDS-2024-0145](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37212&fromList=Y) |
| TS-0007 | Service Components |  |  | - | - | [2.0.2](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=5219) | - | Discontinued |
| TS-0008 | CoAP Binding |  | [5.1.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37504&fromList=Y) | [4.6.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37503&fromList=Y) | [3.9.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=36185&fromList=Y) | [2.13.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=36184&fromList=Y) | Peter (IBM) |  |
| TS-0009 | HTTP Binding |  |  | [4.6.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37348&fromList=Y) | [3.9.1](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37347&fromList=Y) | [2.21.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34552&fromList=Y) | SeungMyeong (KETI) | New 5.0 baseline to be uploaded to WPM -[SDS-2025-0025](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37412&fromList=Y) |
| TS-0010 | MQTT Binding |  |  | [4.0.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35384&fromList=Y) | [3.1.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32184&fromList=Y) | [2.10.0](file:///C%3A%5CTP48%5CTS-0010) | Peter (IBM) |  |
| TS-0014 | LWM2M Interworking | [4.0.1 - md](https://git.onem2m.org/specifications/ts/ts-0014/-/blob/v4.0.1/TS-0014-oneM2M-LWM2M-Interworking.md?ref_type=tags)[4.0.1 - history](https://git.onem2m.org/specifications/ts/ts-0014/-/network/v4.0.1?ref_type=tags) |  | [4.0.1](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37353&fromList=Y) | [3.2.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32895&fromList=Y) | [2.1.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32894&fromList=Y) | Dale (Convida) |  |
| TS-0016 | Secure Environment Abstraction |  |  | [4.0.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35755&fromList=Y) | [3.0.2](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=27187) | - | Colin (BT) |   |
| TS-0020 | WebSocket Binding | [5.0.0 - md](https://git.onem2m.org/specifications/ts/ts-0020/-/blob/v5.0.0/TS-0020-WebSocket_Protocol_Binding.md)[5.0.0 - history](https://git.onem2m.org/specifications/ts-0020/-/network/v5.0.0) | [5.0.0](https://specifications.onem2m.org/ts-0020/v5.0.0/) | [4.0.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35387&fromList=Y) | [3.0.1](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=29321) | [2.3.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=28780&fromList=Y) | Bob (Exacta) |  |
| TS-0021 | AllJoyn Interworking |  |  | - | - | [2.0.1](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=26333&fromList=Y) | SeungMyeong (KETI) | Discontinued |
| TS-0022 | Field Device Configuration |  | [5.0.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=36729&fromList=Y) | [4.6.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=36891&fromList=Y) | [3.3.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=36890&fromList=Y) | [2.7.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=36889&fromList=Y) | C-DOT | Agreed baseline to be uploaded to WPM[SDS-2024-0162](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37313&fromList=Y) (4.7.0)New R5 baseline for review[SDS-2024-0163](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37314&fromList=Y) (5.1.0) |
| TS-0024 | OCF Interworking |  |  | [4.0.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35756&fromList=Y) | [3.2.2](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=27971) | [2.0.2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=26336&fromList=Y) | Josef (Qualcomm) |  |
| TS-0026 | 3GPP Interworking |  |  | [4.7.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35587&fromList=Y) | [3.5.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32186&fromList=Y) | - | Peter |  |
| TS-0030 | Ontology Based Interworking |  |  | [4.0.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35397&fromList=Y) | [3.0.2](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=26806) | - | Bob (Exacta) |  |
| TS-0032 | MAF/MEF Interface |  |  | [4.0.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35398&fromList=Y) | [3.0.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=29322) | [2.1.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=25064&fromList=Y) | Colin (BT) |  |
| TS-0033 | Interworking Framework |  | [5.0.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35552&fromList=Y) | [4.0.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35399&fromList=Y) | [3.0.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=20678) | - | Vacant |  |
| TS-0034 | Semantics Support |  |  | [4.2.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=30054) | [3.0.2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30169&fromList=Y) | - | CG (Convida) |  |
| TS-0035 | OSGi Interworking |  |  | [4.0.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35757&fromList=Y) | [3.0.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=23506) | - | Jason (Huawei) |  |
| TS-0040 | Modbus Interworking |  |  | [4.0.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35378&fromList=Y) | - | - | JaeSeung (Sejong university) |  |
| TS-0041 | SensorThings interworking | [5.1 - md](https://git.onem2m.org/specifications/ts/ts-0041/-/blob/R5/TS-0041-oneM2M-SensorThings_interworking.md)[5.1 - history](https://git.onem2m.org/specifications/ts/ts-0041/-/network/v5.1.0) | [5.1.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37192&fromList=Y) |  |  |  | Andreas Neubacher (DT) | New baseline for review[SDS-2025-0045](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37537&fromList=Y) |

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| XSD Type | Git Repo | Rel-4 | Rel-3 | Rel-2 | Rel-1 | Rapporteur | Comment |
| TS-0004 | [link](https://git.onem2m.org/PRO/XSD) | [v4.21.0](https://git.onem2m.org/XMLSchemas/ts-0004/-/tree/4.21.0) | [v3.31.0](https://git.onem2m.org/PRO/XSD/-/tree/master/v3_31_0) | [v2.35.0](https://git.onem2m.org/PRO/XSD/-/tree/0012fb31be0ff6b1cac35577df5b82f882ed7b7d/v2_35_0) | [v1.12.0](https://git.onem2m.org/PRO/XSD/tree/master/v1_12_0) | Miguel (R4)Peter (R2,R3) | Need new XSDs for 3.32  |
| TS-0022 (Field Device) | [link](https://git.onem2m.org/MAS/FDC/tree/master) | [v4.5.0](https://git.onem2m.org/XMLSchemas/ts-0022/-/tree/4.5.0) | [v3.2.0](https://git.onem2m.org/XMLSchemas/ts-0022/-/tree/3.2.0) | [v2.6.0](https://git.onem2m.org/XMLSchemas/ts-0022/-/tree/2.6.0) | - | TBD | Compatible with CDT schemas v2.16.0 |
| TS-0032 (MEF/MAF) | [link](https://git.onem2m.org/SEC/MAF-MEF/tree/master) | - | - | [v2.1.0](https://git.onem2m.org/SEC/MAF-MEF/tree/master/v2_1_0) | - | TBD | Compatible with CDT schemas v2.16.0New R2, R3 and R4 baselines needed that incorporate latest TS-0032Peter will be working on it. |
| TS-0023 (SDT based Information Model and Mapping for Vertical Industries) | [link](https://git.onem2m.org/MAS/Home-Appliances) | - | [V3.7.0](https://git.onem2m.org/MAS/Home-Appliances/tree/master/3.7.0) | - | - | Andreas | FlexContainer specializations based on SDT mapping rules Need 4 XSDsAndreas will be looking into it. |
| TS-0005 (OMA) | [link](https://git.onem2m.org/MAS/OMA-DM) | - | [v3.0.0](https://git.onem2m.org/MAS/OMA-DM/tree/master/Rel-3) | [v2.0.0](https://git.onem2m.org/MAS/OMA-DM/tree/master/Rel-2) | - | TBD | Device Description Framework (DDF) of Management Objects defined in oneM2M TS-0005Further investigation is needed to determine what updates (if any) are needed. Peter will be looking into it. |

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| TR | Title | Rel-5 Git | Rel-5 | Rel-4 | Rel-3 | Rel-2 | Rapporteur | Comment |
| TR-0024 | 3GPP Interworking |  |  | [4.3.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=30063) | [3.0.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=29765&fromList=Y) | [2.4.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=13085) | Vacant | Complete (R4) |
| TR-0033 | Enhanced Semantic Enablement |  |  | [4.5.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31093&fromList=Y) | [3.0.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=19525) | - | Xu (Convida) | Complete (R4) |
| TR-0036 | Smart City |  | [0.4.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31042&fromList=Y) | - | - | - | SeungMyeong (KETI) | Not ready to publish |
| TR-0041 | Decentralized Authentication |  | [0.4.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=26293&fromList=Y) | - | - | - | Vacant | Not ready yet |
| TR-0042 | WoT Interworking |  |  | - | [0.4.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=26945&fromList=Y) | - | Yongjing (Huawei) |  |
| TR-0043 | Modbus Interworking |  |  | [0.3.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35844&fromList=Y) | [0.2.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30112&fromList=Y) | - | JaeSeung (Sejong university) | Replaced by TS-0040 Version number not correctJaeSeung to check |
| TR-0044 | Heterogeneous Identification |  |  | - | [0.6.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31631&fromList=Y) | - | Yuan Tao (CNIC) |  |
| TR-0050 | Attribute Based Access Control |  |  | [0.13.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=26548) | - | - | Wei (Datang) |  |
| TR-0052 | Edge and Fog Study |  |  | [0.13.1](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32633&fromList=Y) | - | - | Vacant |  |
| TR-0053 | Lightweight oneM2M Services |  |  | [0.6.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31776&fromList=Y) | - | - | Dale (Convida) |  |
| TR-0054 | Service Subscribers and Users |  |  | [0.8.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32207&fromList=Y) | - | - | Dale (Convida) | Complete |
| TR-0055 | 3GPP V2X Interworking |  |  | [0.5.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=26533) | - | - | Echo (Huawei) | WI has been terminated. Does this TR need to be published ? |
| TR-0056 | Differences of Rel-2A & Rel-3 |  |  | - | [0.2.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=29075&fromList=Y) | - | Kei (NTT) | Complete |
| TR-0060 | Action triggering enhancements |  |  | [0.2.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=31043) | - | - | SeungMyeong (KETI) | Completed – need to update version number to reflect that |
| TR-0062 | oneM2M System Enhancement to Support Privacy Data Protection Regulations |  | [0.4.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35483&fromList=Y) | - | - | - | JaeSeung (KETI) | 0.4.0 revision contains RDM changes only |
| TR-0063 | Effective IoT Communication to Protect 3GPP Networks | In progress | [0.0.1](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31370&fromList=Y) | - | - | - | Bob Flynn (Exacta) |  |
| TR-0064 | ZigBee Interworking |  | [0.1.0](https://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=31685) | - | - | - | JaeSeung (KETI) |  |
| TR-0065 | SensorThings API Interworking |  | [5.0.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=36737&fromList=Y) | - | - | - | Andreas Neubacher (DT) |  |
| TR-0066 | System Enhancement to Support Data License Management |  | [0.4.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35375&fromList=Y) | - | - | - | JaeSeung (KETI) |  |
| TR-0070 | Enhanced Filtering and Queries | In progress |  |  |  |  | Andreas Kraft |  |
| TR-0071 | AI enablement to oneM2M (Stage 2) |  | [0.1.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37554&fromList=Y) |  |  |  |  | New 0.2.0 Baseline for review[SDS-2025-0047R01](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37551&fromList=Y) |
| TR-0076 | Integrating NGSI-LD API in oneM2M | [5.0 - md](https://git.onem2m.org/specifications/tr/tr-0076/-/blob/R5/TR-0076-Integrating_NGSI-LD_API_in_oneM2M.md?ref_type=heads)[5.0 - history](https://git.onem2m.org/specifications/tr/tr-0076/-/network/R5?ref_type=heads) | [0.4.0](https://member.onem2m.org/Application/documentApp/documentinfo/default.aspx?documentId=37426) |  |  |  | Martin Bauer (NEC) | Version 0.5.0 needs to be uploaded to WPM |
| TR-0079 | ROS Interworking |  | [0.0.1](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37508&fromList=Y) |  |  |  | SeungMyeong (KETI) |  |

URN Wiki page - <https://wiki.onem2m.org/index.php?title=OneM2M_URN_Namespace>

* 1. Contributions

Following discussions in the opening TP meeting, it was decided that the SDS WG would go through the list of TSs allocated to SDS and decide which were:

* current and still being updated
* stable with no updates needed but still deemed to be part of the Rel-5, and
* obsolete – no longer maintained or part of any future release.
* Action to be taken

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| **TS** | **Title** | **Comments** | **Status** |
| TS-0001 | Functional Architecture | New baselines needed; SeungMyeong will provide these this week | Current |
| TS-0003 | Security Solutions | New baselines needed; Wei will provide these this week | Current |
| TS-0004 | Core Protocol | SDS-2025-0054 – TS-0004v4.22.1 is an editorial clean up to preapare for the Rel-5 version. Peter will prepare Rel-5 this week | Current |
| TS-0005 | Management Enablement (OMA) | Still in scopeRel-5 version needed (Volker) - SDS-2025-0060 revision expected | Stable |
| TS-0006 | Management Enablement (BBF) | Still in scopeRel-5 version needed (Volker)- SDS-2025-0061 revision expected | Stable |
| TS-0007 | Service Components | Out of scope | Obsolete |
| TS-0008 | CoAP Binding | Still in scope | Current |
| TS-0009 | HTTP Binding | Still in scope | Current |
| TS-0010 | MQTT Binding | No Rel-5 to be created until outstanding changes are agreed | Current |
| TS-0014 | LWM2M Interworking | Still in scope – if a new version of LWM2M has been published do we need to reference this?Rel-5 version needed (Volker)- SDS-2025-0062 revision expected | Stable |
| TS-0016 | Secure Environment Abstraction | Not going to be affected by changes to any other specRel-5 version needed (Volker)- SDS-2025-0063R01 – needs to be reviewed | Stable |
| TS-0020 | WebSocket Binding | Still in scope but needs to be fixed in rel-3 and 4 before being transposed by ITU-TFelt by some not to be implantable and was suggested that it be taken off the table for ITU-TKETI have an implementation but not used muchSuggested that it is both under specified with too many assumptions and is also broken. More discussion needed | Current |
| TS-0021 | AllJoyn Interworking | Some clauses in TS-0001 & 4 refer to AllJoyn need to either be fixed or change so that they reference the Rel-2 versions of TS-0021. Agreed to leave as is for Rel-3 and 4 and remove from Rel-5. Need TP agreement for this | Obsolete |
| TS-0022 | Field Device Configuration | New baselines needed; Poornima will provide these this week | Current |
| TS-0024 | OCF Interworking | This should be removed from the Rel-5 specs listAny reference in TS-0001 and 4 will need to be addressed | Obsolete |
| TS-0026 | 3GPP Interworking | Still in scopeNeed to check if anything has been updated in 3GPP or other oneM2M specs that would affect TS-0026Andreas N volunteered to check to see if this spec needs updatingRel-5 version needed (Volker)-SDS-2025-0064R01 needs to be reviewed  | Stable |
| TS-0030 | Ontology Based Interworking | This is closely related to TS-0024 and concerns raised that it may no longer be relevant. It was suggested that it was either brilliant or not being used or is obsolete SeungMyeong & Martin B have volunteered to investigate thisRel-5 version needed (Volker)SDS-2025-0065R02 - AGREED | Stable |
| TS-0032 | MAF/MEF Interface | Lots of MAF and MEF in TS-0003 – is this enough?Peter to investigate and Bob may also have some insight into this | Obsolete ?? |
| TS-0033 | Interworking Framework | This is a very generic interworking spec and it was felt that the content is stable and can still be usedRel-5 version already uploaded – need to investigate why | Stable |
| TS-0034 | Semantics Support | This Work Item (WI-0101) is still active but just needs contributions. There will be some changes for Rel-5Need to check with supporting companies, Rel-5 version needed (Volker) | Current (stalled) |
| TS-0035 | OSGi Interworking | This was checked and is still relevant as it is functionally working but is anyone using it? Peter and Andreas K to investigate if there have been any changes within OSGi that need to be addressed – Rel-5 version needed (Volker)-SDS-2025-0066R01 needs to be reviewed | Stable |
| TS-0040 | Modbus Interworking | Peter checked with JaeSeung and this spec is stableRel-5 version needed (Volker)-SDS-2025-0067R01 needs to be reviewed | Stable |
| TS-0041 | SensorThings interworking | Still work in progress | Current |

TS-0022 Markdown version had some issues with the tables. Poornima has fixed this in the doc version but the markdown version is not yet available. We could just agree the word version

|  |  |  |
| --- | --- | --- |
| SDS-2025-0054 | TS-0004 v4.22.1 baseline | TS-0004 Rapporteur |

The v5 version of TS-0004 will be based on this

**SDS-2025-0054 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0045 | TS-0041 oneM2M SensorThings interworking v5.2.0 baseline | A.Neubacher, DT, Rapporteur |

These changes were not included in a CR pack. The CR pack is only needed if the TS has been approved by TP. The TS will be presented to TP for approval once the WG believes that it is complete enough.

**SDS-2025-0045 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0047R01 | TR-0071-V0\_2\_0\_New\_baseline | JaeSeung Song (SJU) |

This will be converted to markdown

**SDS-2025-0047R01 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0050 | Contents for Introduction TR-0071 | JaeSeung Song (Sejong University) |

The version number should not be given as the assumption is that it is referencing the latest version of the specification.

**SDS-2025-0050 was NOTED**

**SDS-2025-0050R01 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0051 | Contents for Identified Requirements (TR-0071) | JaeSeung Song (Sejong University) |

Some of the requirements overlap but are specific to their particular use case

**SDS-2025-0051 was AGREED**

|  |  |  |
| --- | --- | --- |
| [SDS-2025-0017R02](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37556&fromList=Y) | [ogc\_ipe\_configuration\_aspects\_supl](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37556&fromList=Y) | Deutsche Telekom I. Friese; A. Neubacher |

Questions raised over the HTTP status code of 200. This will be removed

‘must’ change to ‘shall’

Subscription verification – needs to be updated in the image

It was felt that this was useful information but it needs to be aligned with TS-0004

Revision expected

**SDS-2025-0017R02 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0017R03 | ogc\_ipe\_configuration\_aspects\_supl | Deutsche Telekom Ingo Friese; Andreas Neubacher |

Further improvements of the text are discussed. The verification step needs to be taken out. A revision of the contribution is expected.

**SDS-2025-0017R03 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0017R04 | ogc\_ipe\_configuration\_aspects\_supl | Deutsche Telekom Ingo Friese; Andreas Neubacher |

Some updates to the text needed – e.g. adding ‘resource’ after the angle (pointy) brackets. The words inside the brackets should be in italics. Resources should start with lower case. Remove the brackets from notification

These can be fixed by the Rapporteur

**SDS-2025-0017R04 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0057 | NGSI-LD to oneM2M Interworking Approach | NEC |

Discussion happened on the topic and the TR-0076. Martin mentioned that:

* The request-based interworking approach and its efficiency.
* Label-based and ontology-based dynamic interworking approaches.
* The use of synchronization-based approaches for NGSILD.
* Temporal aspects and their relevance in the context of entity information synchronization.
* The need to define mapping rules and the use of semantic descriptors.
* Potential issues with resource ID mapping and the suggestion to use labels instead.

It was clarified that:

* The use of subscriptions in the interworking approaches to ensure synchronization.
* The different interworking approaches and their respective efficiencies and complexities.
* How request-based interworking can avoid duplication of information but may suffer from efficiency issues.
* Examples of synchronization and request-based approaches, including the limitations and scope of each.

It was also suggested that:

* Further discussion on the potential use of flex containers and their suitability for different use cases.
* Investigation into the temporal aspects and how they should be handled in the context of entity information synchronization.
* Discussion on the complete integration of these approaches into the official specifications.

Revision expected.

**SDS-2025-0057 was NOTED**

|  |  |  |
| --- | --- | --- |
| [SDS-2025-0060](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37577&fromList=Y) | [TS-0005 Rel. 5 Baseline for agreement](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37577&fromList=Y) | Volker Leisse, ETSI |

Since TS-0005 in Rel-4 has been converted into Markdown (V4.0.3), the first Rel-5 baseline should be created from the Markdown version.

**SDS-2025-0060 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0061 | TS-0006 Rel. 5 Baseline for agreement | Volker Leisse, ETSI |

Since TS-0006 in Rel-4 has been converted into Markdown (V4.0.0), the first Rel-5 baseline should be created from the Markdown version.

**SDS-2025-0061 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0062 | TS-0014 Rel-5 Baseline for agreement | Volker Leisse, ETSI |

Since TS-0014 in Rel-4 has been converted into Markdown (V4.0.1), the first Rel-5 baseline should be created from the Markdown version.

**SDS-2025-0062 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0063 | TS-0016 Rel-5 Baseline for agreement | Volker Leisse, ETSI |

**SDS-2025-0063 was NOTED**

|  |  |  |
| --- | --- | --- |
| [SDS-2025-0063R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37590&fromList=Y) | [TS-0016 Rel-5 Baseline for agreement](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37590&fromList=Y) | Volker Leisse, ETSI |

**SDS-2025-0063R01 was AGREED**

|  |  |  |
| --- | --- | --- |
| [SDS-2025-0064](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37584&fromList=Y) | [TS-0026 Rel-5 Baseline for agreement](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37584&fromList=Y) | Volker Leisse, ETSI |

**SDS-2025-0064 was NOTED**

|  |  |  |
| --- | --- | --- |
| [SDS-2025-0064R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37591&fromList=Y) | [TS-0026 Rel-5 Baseline for agreement](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37591&fromList=Y) | Volker Leisse, ETSI |

**SDS-2025-0064R01 was AGREED**

|  |  |  |
| --- | --- | --- |
| [SDS-2025-0066](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37586&fromList=Y) | [TS-0035 Rel-5 Baseline for agreement](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37586&fromList=Y) | Volker Leisse, ETSI |

**SDS-2025-0066 was NOTED**

|  |  |  |
| --- | --- | --- |
| [SDS-2025-0066R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37593&fromList=Y) | [TS-0035 Rel-5 Baseline for agreement](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37593&fromList=Y) | Volker Leisse, ETSI |

**SDS-2025-0066R01 was AGREED**

|  |  |  |
| --- | --- | --- |
| [SDS-2025-0067](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37587&fromList=Y) | [TS-0040 Rel-5 Baseline for agreement](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37587&fromList=Y) | Volker Leisse, ETSI |

**SDS-2025-0067 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0067R01 | TS-0040 Rel-5 Baseline for agreement | Volker Leisse, ETSI |

**SDS-2025-0067R01 was AGREED**

|  |  |  |
| --- | --- | --- |
| [SDS-2024-0163R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37568&fromList=Y) | [TS-0022\_v5\_1\_0\_baseline](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=37568&fromList=Y) | C-DOT |

**SDS-2024-0163R01 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0053R01 | SDS 69 Document Allocation | SDS Chair |

It is noted that there are two CRs against TS-0004 Rel-4 which were not implemented in the baseline used to create the Rel-5 version and, therefore, require mirror CRs for Rel-5. It is [SDS-2024-0105R01](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37057&fromList=Y) and [SDS-2024-0108R01](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=37056&fromList=Y). The Rapporteur has provides the CRs. (SDS-2025-0068 & SDS-2025-0069which have been agreed)

**SDS-2025-0053R01 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0058 | TR-0071-V0.3.0 baseline | JaeSeung Song (Sejong Univ.) |

**SDS-2025-0058 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0055 | TS-0004 v5.0.0 baseline | TS-0004 Rapporteur |

Some discussion on clause 7.3.3.15, item 2, fifth bullet with regard to how to express the conditions for the accessControlObjectDetails to be valid. The Rapporteur will propose appropriate wording.

revision expected.

**SDS-2025-0055 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0048 | Discussion on CSV format support | KETI |

* The proposal is to define CSV formatting rules to support AI datasets in Rel-5. Note that AI dataset management feature has been added in the TR-0071.
* After the discussion, the followings rules have been agreed and captured in the 0048R01. require a comma as the separator of fields;
* not to require quoting fields unless they contain comma(s), quotation mark(s), intended leading and/or trailing space(s), line break(s) and other white space character(s);
* repeated double quotes, e.g. "" to represent quotation mark(s) contained in fields;
* define an additional attribute allowing to indicate whether the first record contains the names of the fields or not.

The oneM2M CSV-Format should aim for maximum interoperability with other tools that are used to create datasets (e.g. JSON to CSV).

**SDS-2025-0048 was NOTED**

**SDS-2025-0048R01 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0056 | lastAccessTime Attribute of <AE> | Exacta GSS, C-DOT |

The following comments are provided:

* The <AE> might not be the appropriate resource to store this kind of status information due to the rather slow-changing and low-performance nature of the resource storing mainly configuration information.
* The application entity (AE) and the resource <AE> need to be distinguished in the description of the attribute.
* It might be preferable to separately keep track of received and sent messages.
* Since the attribute is optional, a mechanism to enable/disable is needed.
* If present, a default value needs to be defined that indicates that no access happened

revision expected.

**SDS-2025-0056 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0055 | TS-0004 v5.0.0 baseline | TS-0004 Rapporteur |

Some discussion is taking place on clause 7.3.3.15, item 2, fifth bullet with regards to how to express the conditions for the accessControlObjectDetails to be valid. The Rapporteur will propose appropriate wording. A revision of the contribution is expected.

In the revision, additional occurrences of the word “must” are discussed and require further updates.

**SDS-2025-0055 was NOTED**

**SDS-2025-0055R01 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0070 | TS-0003-V3.17.2 baseline | CICT |

Due to the nature of the changes, the version number of the baseline needs to be V3.18.0.

Revision expected.

**SDS-2025-0070 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0071 | TS-0003-V4.8.2 baseline | CICT |

Due to the nature of the changes, the version number of the baseline needs to be V4.9.0.

Revision expected.

**SDS-2025-0071 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0072 | TS-0003-V5.0.1 baseline | CICT |

It is noted that the reference to clause 7.1.5 of this spec which has been added to TS-0004 in Rel-5 also need to be added in Rel-3 and Rel-4. Poornima will raise an issue in this regard.

Due to the nature of the changes, the version number of the baseline needs to be V5.1.0.

Revision expected.

**SDS-2025-0072 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0065 | TS-0030 Rel-5 Baseline for agreement | Volker Leisse, ETSI |

The contribution is presented in R01.

The issue of potentially contradictory normative references to TS-0012 is addressed in [Issue 225](https://git.onem2m.org/issues/issues/-/issues/225). The issue applies to Rel-3, Rel-4 and Rel-5. A revision of the contribution is expected to propose a solution to the issue for Rel-5.

The implication of using specific vs. non-specific references is discussed and clarified. For non-specific references, the latest version of the referenced document applies which is not necessarily the same as at the time of publication. The consequence of using mostly non-specific normative references in oneM2M specifications is that changes in the referenced spec require a verification that the reference is still applicable in all specifications where the reference is used.

**SDS-2025-0065 was NOTED**

**SDS-2025-0065R01 was NOTED**

**SDS-2025-0065R02 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0046 | Overview of ROS | KETI |

The use of company names should be avoided as much as possible. For the present document, company names could be deleted as the information is publicly available.

There are some concerns with the ability to validate the (negative) assessment of ROS1. It is agreed to shorten the description of ROS1 and to limit it to a justification why it is not used in the context of oneM2M.

For the figures, copyright and formatting (rendering) issues need to be addressed. The topic of animated picture formats and their presentation in web-based environments is discussed.

revision expected.

In the revision, all comments are resolved.

**SDS-2025-0046 was NOTED**

**SDS-2025-0046R01 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0055 | TS-0004 v5.0.0 baseline | TS-0004 Rapporteur |

Some discussion is taking place on clause 7.3.3.15, item 2, fifth bullet with regard to how to express the conditions for the accessControlObjectDetails to be valid. The Rapporteur will propose appropriate wording. A revision of the contribution is expected.

In the revision, additional occurrences of the word “must” are discussed and require further updates.

In the course of revising the default value and constraints for resource specific attributes of <crossResourceSubscription>, a potential conflict with step 2a) in the related Create procedure was noted. An Issue is to be created.

**SDS-2025-0055 was NOTED**

**SDS-2025-0055R01 was NOTED**

**SDS-2025-0055R02 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0049 | Geo-subscription interface | KETI |

Several comments and questions are discussed. There is a relation of the Geo-subscription feature to the Geo-fencing feature which already requires review. The present document is considered a starting point with various – generally smaller – issues to be fixed. A revision of the contribution is expected.

Geo-location functionality is supposed to support resources as well as containers.

**SDS-2025-0049 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0068 | TS-0004 Clarification for setting the notification’s creator attribute (R5) | TS-0004 Rapporteur |

An identical CR was previously agreed for Rel-4. The present document is applying the same changes to Rel-5.

**SDS-2025-0068 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0069 | Clarifying schedule child-resource procedure for crossResourceSub(R5) | TS-0004 Rapporteur |

An identical CR was previously agreed for Rel-4. The present document is applying the same changes to Rel-5.

**SDS-2025-0069 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0073 | TS-0001 v3.36.0 baseline | KETI, TS-0001 Rapporteur |

**SDS-2025-0073 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0074 | TS-0001 v4.24.0 baseline | KETI, TS-0001 Rapporteur |

CR SDS-2024-0069R02 is correctly implemented. However, it was not the intention to delete the existing step 11) but rather adding a new step 11) and leaving the existing step 11) as a new step 12). A revision of the contribution is expected.

**SDS-2025-0074 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0074R01 | TS-0001 v4.24.0 baseline | KETI, TS-0001 Rapporteur |

Resource needs to be added in step 11.

<AEContactList> needs to be in italics

Revision expected

**SDS-2025-0074R01 was NOTED**

**SDS-2025-0074R02 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0075 | TS-0001 v5.8.0 baseline | KETI, TS-0001 Rapporteur |

CR SDS-2024-0068R02 is correctly implemented. However, it was not the intention to delete the existing step 11) but rather adding a new step 11) and leaving the existing step 11) as a new step 12). A revision of the contribution is expected.

**SDS-2025-0075 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0075R01 | TS-0001 v5.8.0 baseline | KETI, TS-0001 Rapporteur |

Revision expected

**SDS-2025-0075R01 was NOTED**

**SDS-2005-0075R02 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2023-0040 | TS-0001 - Another correction for the notificationStatsInfo and notificationStatsEnable(R5) | P.Niblett, IBM. A.Kraft, A.Neubacher (Deutsche Telekom), Miguel Angel Reina Ortega (ETSI) |

The CR should get implemented into TS-0001 Rel-5 in order to align with Rel-4 even though it might delay the conversion of TS-0001 Rel-5 into a Markdown version

**SDS-2023-0040 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2023-0231R01 | expirationTime\_handling\_CREATE\_UPDATE | C-DOT |

It is questioned whether a more specific definition of the value for the expiration time is needed in the first place. An objective of the CR seems to be to establish a relation between the expiration time of the resource and the expiration time of the service subscription. However, there might be different business policies in place to react to the expiration of a service subscription that cannot be reflected by static requirements. A potential solution might be to refrain from specifying more specific rules but to introduce the expiration time of the service subscription as a further limit of the value space for the expiration time of the resource.

As a CSE Base does not expire but does not have an explicit attribute for expiration time, there is an ambiguity of how the parent’s expiration time is to be interpreted for direct childs of the CSE Base.

It is also noted that the concept of an obsolete resource which is applied after expiration is not very well specified.

**SDS-2023-0231R01 was NOTED**

|  |  |  |
| --- | --- | --- |
| SDS-2025-0076R01 | SIM\_mobileNetwork\_specialization\_added\_TS0022\_-\_TS004 | C-DoT |

**SDS-2025-0076R01 was AGREED**

|  |  |  |
| --- | --- | --- |
| SDS-2022-0206 | fcinEnabled attribute to control flexContainerInstance R5 | Sejong Univ., Deutsche Telekom, Exactagss, Orange, EGM |

Seems to already have been applied however we need to check if and when it was agreed

Karen to check this and report back.

|  |  |  |
| --- | --- | --- |
| SDS-2022-0189R03 | expirationTime\_Create\_Update\_Handling\_R4 | C-DOT |

**SDS-2022-0189R03 was WITHDRAWN**

**Issues**

**Issue 220**

In the first bullet point of step 2.1- it was felt that this text is unclear. This bullet point refers a clause which is also confusing. It was agreed to remove all references to this clause in all steps. It was felt that a CR is needed for this. Peter will prepare the CR.

**Issue 224**

The proposal is agreed. The issue is left open pending the implementation of the change in TS-0004 Rel-2, Rel-3, Rel-4 and Rel-5.

**Issue 226**

It is agreed to remove the note as the namespace has been successfully registered with IANA.

7 Planning for next Meetings

7.1 Conference Calls Schedule

April 28

May 12

May 26

June 9

7.2 Next TP Meeting

TP 70 in June, hosted by Deutsche Telekom in Berlin, Germany (TP-2025-0020)

TP 71 in September, hosted by ETSI in France (TP-2025-0017)

8 Any other business

None

9 Closure of meeting