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| MINUTES |
| Meeting title: | SDS 56 |
| Chair: | Peter Niblett, IBM, peter\_niblett@uk.ibm.com |
| Vice-Chairs: | SeungMyeong Jeong, KETI, sm.jeong@keti.re.kr Wei Zhou, CICT, zhouwei@catt.cn Poornima Shandilya, C-DOT, poornima@cdot.in |
| Secretary: | Victoria Mitchell, TIA, vmitchell@tiaonline.org   |
| Meeting Date: | 26-30 September 2022 |
| 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

SeungMyeong Jeong , Vice Chair, opened the SDS56 meeting on 26 September 2022. Participants were reminded to familiarize themselves with the participation notices.

1.2 Objectives

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

1.3 Attendees

The attendees that logged into the GoToMeeting sessions were:

Akash Malik, tsdsindia@gmail.com

Andreas Kraft, a.kraft@telekom.de

CICT-Wei Zhou

CMCC-you, youshujuan@chinamobile.com

Cyrille Bareau (Orange), cyrille.bareau@orange.com

DrManjunath[Wipro]

Francisco da Silva (Huawei Technologies Sweden) , francisco.dasilva@huawei.com

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Karen Hughes, karen.hughes@etsi.org

Keebum Kim (TTA)

Kenichi Yamamoto

Marianne MOHALI, marianne.mohali@orange.com

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PC Siddharth (CDOT)

Peter Niblett

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SeungMyeong Jeong (KETI)

Siddharth Trikha (C-DOT)

Sreenath (Lekha)

SyncTechno - Sherzod Elamanov, elamanov@synctechno.com

Xavier Piednoir (ETSI), xavier.piednoir@etsi.org

Xiaotao Li (CMCC), lixiaotao@chinamobile.com

Yasushi Kikkawa

Victoria Mitchell, vmitchell@tiaonline.org

2 Review & Approval of Agenda

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| [SDS-2022-0145](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35143&fromList=Y) | [Agenda SDS 56](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35143&fromList=Y) | SDS Chair |

SDS-2022-0145 was AGREED

The SDS 56 Document Allocation sheet ([SDS-2022-0146](https://member.onem2m.org/Application/documentapp/downloadimmediate/default.aspx?docID=35144)) was reviewed and will be updated throughout the week.

3 Review & Approval of Previous Minutes

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| [SDS-2022-0118R01](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35033&fromList=Y) | [Minutes SDS55 ALL](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35033&fromList=Y) | Secretariat |
| [SDS-2022-0130R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35152&fromList=Y) | [7Sept22\_SDS55.1\_Summary](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35152&fromList=Y) | Victoria Mitchell, Secretariat |
| [SDS-2022-0142](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35112&fromList=Y) | [Minutes SDS55.2](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35112&fromList=Y) | Karen Hughes, ETSI |

SDS-2022-0118 was NOTED
SDS-2022-0118R01 was AGREED
SDS-2022-0130R01 was AGREED
SDS-2022-0142 was AGREED

4 Review of Open Action and Issue Status

The issues recorded on the issue tracker (<https://git.onem2m.org/issues/issues/issues>) were reviewed and updated.

Updates to the open action items are noted below:

| **Number** | **Action** | **Responsible** | **Status** |
| --- | --- | --- | --- |
| A-SDS-50.1-01 | In TS-0004 clause 7.3.2.1 we need to agree how a Registrar or Hosting CSE determines the relevant service subscription resources and accesses these resources and what privileges are required if they are not provisioned and stored locally.   | Convida  | First part has been done -see SDS-2022-0027R01-TS-0004\_SSP-AEID-LinkStill need to address the second part (privileges required) In R4 we can implement with the INCSE as the registrar and the privileges issue can then be deferred to R5. |
| A-SDS-43-01 | For TS-0004, look to add a procedure to clarify when to return NOT\_IMPLEMENTED status code when a request for an unsupported resource type or parameter is received.  | Peter | Clause 7.3.3.3 already says that requests to create unsupported resource types are rejected with NOT\_IMPLEMENTED. Further discussion on unsupported attributes and parameters (and values thereof). Peter to prepare a CR. |
| A-SDS-42-01 \* | As it relates to contribution SDS-2019-0475R01, look at implications of aggregated responses with respect to primitive profile | Peter + Bob + Poornima | Quick investigation required |
| A-SDS-39.1-1 | Need to add support for notify response in clause 8.1.2 in TS-0001 to indicate additional RCN values in the notification response | Miguel | Adding other rcns is inappropriate. Nothing is ok for most use cases, except esPrim. Should allow rcn to be omitted from Notify. Simplest solution is to not allow rcn in a Notify at all. Miguel to produce a CR to say this. |
| 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 & Peter will go through these contributions and report back  |
| A-PRO-26-01 \* | Register CoAP codes with IANA | Peter & Miguel | At SDS44, Peter prepared a contribution which is still under discussionSDS-2020-0065R01Reviewed at SDS45Peter will check this contribution and allocate to future meeting |

5 Latest SDS Baselines

Updates to the latest baseline versions are noted below:

| **TS** | **Title** | **Rel-4** | **Rel-3** | **Rel-2** | **Rel-1** | **Rapporteur** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| TS-0001 | Functional Architecture | [4.16.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35142&fromList=Y) | [3.29.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34898&fromList=Y) | [2.33.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34456&fromList=Y) | [1.18.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=12297) | Marianne (Orange) |  |
| TS-0003 | Security Solutions | [4.7.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34917&fromList=Y) | [3.16.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34916&fromList=Y) | [2.20.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34915&fromList=Y) | [1.7.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=11339) | Wei (Datang) |  |
| TS-0004 | Core Protocol | [4.10.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34914&fromList=Y) | [3.25.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34912&fromList=Y) | [2.31.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34437&fromList=Y) | [1.13.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=2998) | Peter (IBM) | Baselines for review:[SDS-2022-0125R02](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35139&fromList=Y)[SDS-2022-0126R02](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35138&fromList=Y)[SDS-2022-0127R02](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35137&fromList=Y) |
| TS-0005 | Management Enablement (OMA) | [4.0.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30113&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) | [1.4.1](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=4635) | Vacant |  |
| TS-0006 | Management Enablement (BBF) | [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) | [1.1.4](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=4659) | Vacant |  |
| TS-0007 | Service Components | - | - | [2.0.2](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=5219) | - | - |  |
| TS-0008 | CoAP Binding | [4.2.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34132&fromList=Y) | [3.6.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32587&fromList=Y) | [2.10.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31084&fromList=Y) | [1.6.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=21632) | Dale (Convida) | New baselines required |
| TS-0009 | HTTP Binding | [4.4.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34550&fromList=Y) | [3.8.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34551&fromList=Y) | [2.20.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34552&fromList=Y) | [1.10.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=13986) | SeungMyeong (KETI) |  |
| TS-0010 | MQTT Binding | - | [3.1.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32184&fromList=Y) | 2.10.0 | [1.8.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=26485&fromList=Y) | Peter (IBM) |  |
| TS-0014 | LWM2M Interworking | - | [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 | - | [3.0.2](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=27187) | - | - | Colin (BT) |  |
| TS-0020 | WebSocket Binding | - | [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) |  |
| TS-0022 | Field Device Configuration | [4.3.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34724&fromList=Y) | [3.1.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34723&fromList=Y) | [2.5.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34722&fromList=Y) | - | C-DOT |  |
| TS-0024 | OCF Interworking | - | [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 | [4.6.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=33174&fromList=Y) | [3.5.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32186&fromList=Y) | - | - | Vacant |  |
| TS-0030 | Ontology Based Interworking | - | [3.0.2](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=26806) | - | - | Vacant |  |
| TS-0032 | MAF/MEF Interface | - | [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) | New baselines required |
| TS-0033 | Interworking Framework | - | [3.0.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=20678) | - | - | Josef (Qualcomm) |  |
| 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 | - | [3.0.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=23506) | - | - | Jason (Huawei) |  |
| TS-0040 | Modbus Interworking | [0.1.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32500&fromList=Y) | - | - | - | JaeSeung (KETI) |  |

Updates to the XSDs are noted below:

| **XSD Type** | **Git Repo** | **Rel-4** | **Rel-3** | **Rel-2** | **Rel-1** | **Rapporteur** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| TS-0004 | [link](https://git.onem2m.org/PRO/XSD) | [v4.11.0](https://git.onem2m.org/PRO/schema-definitions/-/tree/Release4) | [v3.25.0](https://git.onem2m.org/PRO/XSD/-/tree/master/v3_25_0) | [v2.31.0](https://git.onem2m.org/PRO/XSD/-/tree/master/v2_31_0) | [v1.12.0](https://git.onem2m.org/PRO/XSD/tree/master/v1_12_0) | Miguel (R4)Peter (R2,R3) | New R2,R3 baselines needed |
| TS-0022 (Field Device) | [link](https://git.onem2m.org/MAS/FDC/tree/master) | - | [v3.0.0](https://git.onem2m.org/MAS/FDC/tree/master/v3_0_0) | [v2.3.0](https://git.onem2m.org/MAS/FDC/tree/master/v2_3_0) | - | TBD | Compatible with CDT schemas v2.16.0New R2, R3 and R4 baselines needed that incorporate latest TS-0022 |
| 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-0032 |
| 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  |
| 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.  |

Updates to the TRs are noted below:

|  |  |  |  |  |  |  |  |  |
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| **TR** | **Title** | **Rel-5** | **Rel-4** | **Rel-3** | **Rel-2** | **Rel-1** | **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 |  |
| 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) |  |
| TR-0036 | Smart City |  | - | [0.4.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31042&fromList=Y) | - | - | SeungMyeong (KETI) |  |
| TR-0041 | Decentralized Authentication |  | - | [0.4.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=26293&fromList=Y) | - | - | Vacant |  |
| TR-0042 | WoT Interworking |  | - | [0.4.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=26945&fromList=Y) | - | - | Yongjing (Huawei) |  |
| TR-0043 | Modbus Interworking |  | - | [0.2.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30112&fromList=Y) | - | - | JaeSeung (KETI) |  |
| TR-0044 | Heterogeneous Identification |  | - | [0.6.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31631&fromList=Y) | - | - | Yuan Tao (CNIC) |  |
| TR-0046 | Disaster Alert Service Enabler |  | - | [0.0.1](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=21832&fromList=Y) | - | - | SeungMyeong (KETI) |  |
| 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) |  |
| TR-0055 | 3GPP V2X Interworking |  | [0.5.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=26533) | - | - | - | Echo (Huawei) |  |
| TR-0056 | Differences of Rel-2A & Rel-3 |  | [0.2.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=29075&fromList=Y) | - | - | - | Kei (NTT) |  |
| TR-0057 | Getting started with oneM2M |  | [0.6.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=33407&fromList=Y) | - | - | - | Laurent (ETSI) |  |
| TR-0059 | Services and Platforms Discovery |  | [0.2.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30111&fromList=Y) | - | - | - | JaeSeung (KETI) |  |
| TR-0060 | Action triggering enhancements |  | [0.2.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=31043) | - | - | - | SeungMyeong (KETI) |  |
| TR-0062 | oneM2M System Enhancement to Support Privacy Data Protection Regulations | [0.3.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=33146&fromList=Y) | - | - | - | - | JaeSeung (KETI) |  |
| TR-0063 | Effective IoT Communication to Protect 3GPP Networks | [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 | [0.1.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34408&fromList=Y) | - | - | - | - | Andreas Neubacher (DT) |

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| TR-0066 | System Enhancement to Support Data License Management | [0.3.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=33583&fromList=Y) | - | - | - | - | JaeSeung (KETI) | 0.4.0 ([SDS-2022-0016](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=34499&fromList=Y)) to be uploaded to WPM |

6 Contributions

*Note: Contributors who are defining new Resource Types are advised to read the checklist in* [*PRO-2016-0125R02*](http://member.onem2m.org/Application/documentapp/downloadimmediate/default.aspx?docID=17172)*.*

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| [SDS-2022-0110R03](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35136&fromList=Y) | [Automatic\_recognition\_of\_identification\_schemes\_for\_heterogeneous\_IoT\_identifiers](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35136&fromList=Y) | CMCC |

This CR provides a solution of automatic recognition of identification schemes for heterogeneous IoT identifiers according to requirement OSR-111 in TS-0002. The supporting use cases can be found in TR-0001 clause 12.36. The CR was provided for WI-0053 and TR-0033 V4.5.0 which are related to semantic enhancement. It was suggested to provide the CR for WI-0069 and TR-0044 which are related to heterogeneous object identifier.

SDS-2022-0110R03 was NOTED

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| [SDS-2022-0143](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35124&fromList=Y) | [TS-0001 mlDatasetPolicy resource](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35124&fromList=Y) | KETI |

Targets R5

This topic has been previously discussed (see [SDS-2022-0072](https://member.onem2m.org/Application/documentapp/downloadimmediate/default.aspx?docID=34744))

This CR proposes new resource type(s) for ML dataset support feature for oneM2M platform. This topic has been discussed in the SDS WG with “SDS-2022-0072-discussion\_on\_AI\_ML\_dataset\_support” at SDS#54 meeting.

SDS-2022-0143 was LEFT OPEN

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| [SDS-2022-0133](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35096&fromList=Y) | [TS0001-AppID-R4](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35096&fromList=Y) | C-DOT |

This CR proposes to modify *allowedApp-IDs* attribute definition in <serviceSubscribedAppRule> resource.

SDS-2022-0133 was AGREED

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| [SDS-2022-0132R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35116&fromList=Y) | [TS0001-AppID-R3](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35116&fromList=Y) | C-DOT |

This CR proposes to modify App-ID identifier definition and *allowedApp-IDs* attribute definition in <serviceSubscribedAppRule> resource.

SDS-2022-0132R01 was NOTED
SDS-2022-0132R02 was AGREED

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| [SDS-2022-0136R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35119&fromList=Y) | [TS-0004-App-ID-R4](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35119&fromList=Y) | C-DOT |

This CR proposes to add validation in Create and Update procedure of <serviceSubscribedAppRule> resource for attribute *allowedApp-IDs.* This CR also adds validation in AE Registration request for App-ID attribute.

SDS-2022-0136R01 was NOTED
SDS-2022-0136R02 was AGREED

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| [SDS-2022-0137R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35120&fromList=Y) | [TS0022-AppID-R4](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35120&fromList=Y) | C-DOT |

This CR proposes to add validation in Create and Update procedure of [registration] resource for attribute *appID*.

SDS-2022-0137R01 was NOTED
SDS-2022-0137R02 was AGREED

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| --- | --- | --- |
| [SDS-2022-0135R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35118&fromList=Y) | [TS-0004-App-ID-R3](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35118&fromList=Y) | C-DOT |

This CR proposes to add validation in Create and Update procedure of <serviceSubscribedAppRule> resource for attribute *allowedApp-IDs.* This CR also adds validation in AE Registration request for App-ID attribute.

SDS-2022-0135R01 was NOTED
SDS-2022-0135R02 was AGREED

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| [SDS-2022-0138R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35121&fromList=Y) | [TS0022-App-ID-R3](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35121&fromList=Y) | C-DOT |

This CR proposes to add validation in Create and Update procedure of [registration] resource for attribute *appID*.

SDS-2022-0138R01 was AGREED

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| --- | --- | --- |
| [SDS-2022-0131R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35115&fromList=Y) | [TS0001-AppID-R2](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35115&fromList=Y) | C-DOT |

This CR proposes to modify App-ID identifier definition and *allowedApp-IDs* attribute definition in <serviceSubscribedAppRule> resource.

SDS-2022-0131R01 was NOTED
SDS-2022-0131R02 was AGREED

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| [SDS-2022-0134R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35117&fromList=Y) | [TS-0004-App-ID-R2](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35117&fromList=Y) | C-DOT |

This CR proposes to add validation in Create and Update procedure of <serviceSubscribedAppRule> resource for attribute *allowedApp-IDs.* This CR also adds validation in AE Registration request for App-ID attribute.

SDS-2022-0134R01 was AGREED

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| [SDS-2022-0139R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35122&fromList=Y) | [TS0022-App-ID-R2](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35122&fromList=Y) | C-DOT |

This CR proposes to add validation in Create and Update procedure of [registration] resource for attribute *appID*.

SDS-2022-0139R01 was AGREED

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| [SDS-2022-0127R02](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35137&fromList=Y) | [TS-0004 v2.32.0 baseline](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35137&fromList=Y) | TS-0004 rapporteur |

SDS-2022-0127R02 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2022-0124](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35079&fromList=Y) | [subjectAltName\_AuthenticationProfile](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35079&fromList=Y) | C-DOT |

Addition of new attribute SubjectAltName into [*authenticationProfile*]

SDS-2022-0124 was NOTED

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| --- | --- | --- |
| [SDS-2020-0065R03](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35008&fromList=Y) | [Changes to CoAP options for IANA registration](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35008&fromList=Y) | IBM |

TS-0008 defines a set of new CoAP options, for use by oneM2M. We would like to register these values with IANA.

2020-0065R03 was NOTED
2020-0065R04 was AGREED

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| [SDS-2022-0062R01](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34721&fromList=Y) | [Proposed\_changes\_to\_TS-0004\_for\_WI\_0109](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=34721&fromList=Y) | Orange, Exacta, DT |

This document, presented by Orange, had been noted during a previous discussion. Cyrille noted that agreement on the TS-0001 revision had been pending until TS-0001 revision was agreed, as this was a companion document for TS-0001. It was further noted that this document had never been agreed for TS-0004.

SDS-2022-0062R01 was NOTED
SDS-2022-0062R02 AGREED

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| [SDS-2022-0114R01](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35074&fromList=Y) | [Proposed\_changes\_to\_TS-0033\_for\_WI\_0109](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35074&fromList=Y) | Orange, Exacta, DT |

This document, presented by Orange, proposes a number of changes to TS-0033. In addition to minor changes, the document adds a Clause 8 discussing Device Management Operations and [flexNode] Management.

SDS-2022-0114R01 was NOTED
SDS-2022-0114R02 is NOTED

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| [SDS-2022-0127R03](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35235&fromList=Y) | [TS-0004 v2.32.0 baseline](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35235&fromList=Y) | TS-0004 rapporteur |

SDS-2022-0127R03 was AGREED

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| [SDS-2022-0126R03](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35234&fromList=Y) | [TS-0004 v3.26.0 baseline](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35234&fromList=Y) | TS-0004 rapporteur |

SDS-2022-0126R03 was AGREED

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| [SDS-2022-0125R03](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35233&fromList=Y) | [TS-0004 v4.11.0 baseline](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35233&fromList=Y) | TS-0004 rapporteur |

SDS-2022-0125R03 was AGREED

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| [SDS-2022-0155](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35226&fromList=Y) | [TS-0001\_v4\_16\_1\_Baseline](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35226&fromList=Y) | Orange (Marianne) |

v4.15.1 will be uploaded with a note that edits include those made by editHelp. v4.16.1 will be updated to note that it’s the result of merging v4.15.1 and 4.16.0.

SDS-2022-0155 was NOTED
SDS-2022-0155R01 was AGREED

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| [SDS-2022-0154](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35224&fromList=Y) | [Changes to CoAP options for IANA registration-R2](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35224&fromList=Y) | Peter Niblett, IBM |

R2 mirror of SDS-2020-0065R04.

SDS-2022-0154 was AGREED

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| [SDS-2022-0153](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35223&fromList=Y) | [Changes to CoAP options for IANA registration-R3](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35223&fromList=Y) | Peter Niblett, IBM |

R3 mirror of SDS-2020-0065R04.

SDS-2022-0153 was AGREED

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| [SDS-2022-0152](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35221&fromList=Y) | [TS-0040 V4.0.0 Edit Help version](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35221&fromList=Y) | Sejong University & KETI |

SDS-2022-0152 was NOTED
SDS-2022-0152R01 was AGREED

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| [SDS-2022-0063R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35170&fromList=Y) | [Proposed\_changes\_to\_TS-0023\_for\_WI\_0109](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35170&fromList=Y) | Orange, Exacta, DT |

It was noted that Andreas Kraft will consider mirrors of this document for Rel-2 and -3.

SDS-2022-0063R01 was AGREED.

|  |  |  |
| --- | --- | --- |
| [SDS-2020-0377R01](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35072&fromList=Y) | [Adding missing mgmtObj short names and mgmtDefinitions to TS-0022 and TS-0004](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35072&fromList=Y) | Andreas Kraft (Deutsche Telekom), Andreas Neubacher (Deutsche Telekom) |

This document, presented by Andreas Kraft, adjusts the naming of mgmtObjects and attributes to ensure they are consistent with other documents. It was noted that this document had originally been introduced as a CR for both TS-0004 and TS-0022, but the TS-0004 changes had been moved into SDS-2022-0123.

Revision expected.

SDS-2022-0377R01 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2022-0122](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35063&fromList=Y) | [Clarification of Notification Recording Procedure](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35063&fromList=Y) | Andreas Kraft, Andreas Neubacher (Deutsche Telekom), Miguel Angel Reina Ortega (ETSI) |

This document, presented by Andreas Kraft, updates notification recording procedures to note the resource may be “true or false”.

Peter Niblett suggested that he would edit this document further when incorporating it into the baseline document.

Revision expected; R01 is provisionally AGREED

SDS-2022-0122 was NOTED

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| [SDS-2022-0150](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35185&fromList=Y) | [TS-0001 Clarification of Notification Recording Procedure](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35185&fromList=Y) | Andreas Kraft, Andreas Neubacher (Deutsche Telekom), Miguel Angel Reina Ortega (ETSI) |

This document, presented by Andreas Kraft, proposes changes for TS-0001 to create a NOTIFY request metric and clarify language.

Andreas Kraft will check if mirrors will be necessary for Rel-1, -2, and -3.

SDS-2022-0150 was NOTED
SDS-2022-0150R01 was AGREED

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| [SDS-2022-0151](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=35187&fromList=Y) | [TS-0004 Clarification of Notification Recording Procedure](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35187&fromList=Y) | Andreas Kraft, Andreas Neubacher (Deutsche Telekom), Miguel Angel Reina Ortega (ETSI) |

This document, presented by Andreas Kraft, adds a new metric to TS-0004 and outlines how notifications are sent.

SDS-2022-0151 was AGREED

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| [SDS-2022-0147](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35160&fromList=Y) | [Clarify ambiguous of behaviour of flexContainerInstance](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=35160&fromList=Y) | Sejong Univ., Deutsche Telekom, Exactagss, Orange |

This document, presented by JaeSeung Song, addresses issues that were uncovered during the process to implement flexContainerInstance resources for oneM2M. The CR clarifies the creation and management of these resources. It was noted that the proposed edits were additive in nature.

SDS-2022-0147 was NOTED

7 Planning for next Meetings

7.1 Conference Calls Schedule

|  |  |  |
| --- | --- | --- |
| **Meeting** | **Date** | **Time (UTC)** |
| SDS 56.1 | 24 October 2022 | 12:00 – 13:30 |
| SDS 56.2 | 31 October 2022 | 12:00 – 13:30 |

7.2 Next TP Meeting

TP 57 – starts on 28 November 2022, TTA Offices

8 Any other business

None

9 Closure of meeting

SDS 56 ended on 30 September 2022.