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| MINUTES | |
| Meeting title: | SDS 42 - – Hyderabad, India |
| Chair: | Dale Seed, Convida Wireless, [dale.seed@interdigital.com](mailto:dale.seed@interdigital.com) |
| Vice-Chairs: | SeungMyeong Jeong, KETI, [sm.jeong@keti.re.kr](mailto:sm.jeong@keti.re.kr)  Wei Zhou, Datang, [zhouwei@catt.cn](mailto:zhouwei@catt.cn)  Peter Niblett, IBM, [peter\_niblett@uk.ibm.com](mailto:peter_niblett@uk.ibm.com) |
| Secretary: | Victoria Mitchell, TIA, [vmitchell@tiaonline.org](mailto:vmitchell@tiaonline.org) |
| Meeting Date: | 23-27 September 2019 |
| 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

Dale Seed, Chair, opened the SDS #42 meeting on 23 September 2019. Participants were advised to read the oneM2M notice on the cover page of the agenda.

He explained that as there are so many contributions, he would like to have some extra sessions in parallel. These extra sessions could concentrate on the 44 maintenance contributions, however, this will be discussed with the vice chairs before any decision is taken. It was confirmed that these would be decision making sessions.

1.2 Objectives

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

2 Review & Approval of Agenda

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| [SDS-2019-0551](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30651&fromList=Y) | [SDS42 Agenda](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30651&fromList=Y) | SDS Chair |

SDS-2019-0551 was AGREED

3 Review & Approval of Previous Minutes

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| [SDS-2019-0434](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30479&fromList=Y) | [5Sept19\_SDS41.4\_Summary](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30479&fromList=Y) | Victoria Mitchell, Secretariat |

The SDS 41.4 meeting summary was previously agreed by correspondence.

4 Action Item Status

Updates to the action items are recorded in blue.

| **Number** | **Action** | **Responsible** | **Status** |
| --- | --- | --- | --- |
| A-SDS-41.2-01 | XSD needs to be updated to allow m2m:URIList data type to have an empty list (i.e. no elements) | Peter |  |
| A-SDS-40.4-1 | A-SDS-40.4-01: follow-up on the Discovery/Retrieval/RCN discussion   * Peter to update the slides and correct any typos/errors * Peter to update the slides with the answers from Catalina * Catalina to correct any mis-matches between the ARC & PRO contributions * Peter to highlight any actions or points that need to be clarified * Peter to make a list other CRs and corrections that are needed * Peter to propose filterUsage and RCN values | Peter, Catalina | Achieved consensus on a way forward. Catalina & Leila will prepare contributions to be presented at SDS42 |
| A-SDS-40.1-1 | Consider and if necessary create R2 mirror for:  SDS-2019-0104R03-Add\_missing\_attributes\_of\_ACP\_resource  (see change 3) | Wei |  |
| A-SDS-40.1-2 | Consider and if necessary create R2 mirror for:  SDS-2019-0116R01-TS0004-CR\_semantics\_related\_editorial\_fixes  SDS-2019-0148R01-CR\_remove\_schedule\_resource\_R3  SDS-2019-0299R01-TS0004-A\_39\_2-1 | Bob |  |
| 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 | Dale |  |
| A-SDS-39-01 | TS-0004, clause 8.4.3 – investigate example 3 when an intermediary resource doesn’t have access privilege | Peter | SDS-2019-0344  SDS-2019-0302  SDS-2019-0186  Need Peter to be present to close this action |
| A-SDS-39-02 | Follow up action related to SDS-2019-0050 on areaNwkInfo, C-DOT to investigate the concepts of areaNwkInfo and the area network device | C-DOT | Need C-DOT to be present to close this action |
| A-SDS-39-08 | Per PRO-2018-0269R01, Bob to follow-up and consider the time out scenario in TS-0004 clause 7.5.1.2.19 | Bob | 5/19/2019 – Bob commented he has to research this more.  Bob will work with Peter to ensure that he has addressed his concerns |
| A-SDS-39-09 | ARC-2018-0047R01 was agreed in TP33. However, it was not integrated into TS-0001. The issue addressed by ARC-2018-0047R01 still needs to be addressed | Bob | 5/19/2019 – Bob commented he has to research this more. |
| A-PRO-16-02 | Investigate MQTT Binding on Mcc’ | Peter | 5/19/2019 – Peter is going to consider a contribution. Need to decide if we want to put the effort into supporting use of MQTT over Mcc’ or not. |
| A-PRO-24.2-01 | Provide more information on SPARQL errors | Bob Flynn |  |
| A-PRO-26-01 | Register CoAP codes with IANA | Peter & Laurent | This issue is oneM2M is using option numbers for “critical” and “elective” type options but should only be using “critical”. This would require oneM2M to renumber its options. Peter to put contribution for us to review. |
| A-PRO-33-01 | Raise CR to add procedure for *networkCoordinated* attribute | Bob |  |
| A-PRO-34.2-03 | TS-0008. Use of non-confirmable needs to be clarified. Is the receiver required to treat a non-confirmable request (other than multicast) as an error? | Peter |  |
| A-ARC-35-02 | Review the associated reference points in the tables in clause 10 of TS-0001 | SeungMyeong | SeungMyeong to bring in CRs to remove “associated reference point” columns from TS-0001 R2/R3/R4 and TS-0034 |
| A-SEC-33-02 | Open issues found in TST-0010:  Deriving nodeID from <serviceSubscribedAppRule>  Define credential-IDs for certificates  Use of Wildcard “\*” in certificates?  Include CSE registration credentials in service subscription?  Consider certificates that would include an App-ID | Dale | This action item can be resolved once a joint SDS/TDE session is held. |

5 Latest Baseline Versions

Updates to the latest baseline versions are shown in blue.

| **TS** | **Title** | **Rel-4** | **Rel-3** | **Rel-2** | **Rel-1** | **Rapporteur** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| TS-0001 | Functional Architecture | [4.2.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=29528) | [3.17.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=20290) | [2.25.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=12298) | [1.18.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=12297) | Weixiang (ZTE) |  |
| TS-0003 | Security Solutions | - | [3.10.2](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=19745) | [2.14.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=15898) | [1.7.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=11339) | Wei (Datang) |  |
| TS-0004 | Core Protocol | - | [3.13.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30473&fromList=Y) | [2.23.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30474&fromList=Y) | [1.13.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=2998) | Peter (IBM) |  |
| 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) | Looking for a Rapporteur |  |
| 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) | Looking for a Rapporteur |  |
| TS-0007 | Service Components | - | - | [2.0.2](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=5219) | - | - |  |
| TS-0008 | CoAP Binding | - | [3.4.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=28824) | [2.9.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=28823) | [1.6.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=21632) | Dale (Convida) |  |
| TS-0009 | HTTP Binding | - | [3.4.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30171&fromList=Y) | [2.17.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30170&fromList=Y) | [1.10.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=13986) | SeungMyeong (KETI) |  |
| TS-0010 | MQTT Binding | - | [3.0.1](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=29320) | [2.8.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=26486&fromList=Y) | [1.8.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=26485&fromList=Y) | Peter (IBM) |  |
| TS-0014 | LWM2M Interworking | - | [3.1.1](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=10091) | [2.0.1](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=26330&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(Convida) |  |
| 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 | [4.0.1](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=28086) | [3.0.1](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=27621) | [2.4.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=27615&fromList=Y) | **-** | C-DOT | New baseline that incorporates TP41 CRs needed |
| 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 | [4.2.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=30160) | [3.2.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=18728) | - | - | Echo (Huawei) |  |
| 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) |  |
| TS-0033 | Interworking Framework | - | [3.0.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=20678) | - | - | Josef (Qualcomm) |  |
| TS-0034 | Semantics Support | [4.0.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30054&fromList=Y) | [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) |  |

| **XSD Type** | **Git Repo** | **Rel-4** | **Rel-3** | **Rel-2** | **Rel-1** | **Rapporteur** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| TS-0004 | [link](https://git.onem2m.org/PRO/XSD) | - | [v3.11.0](https://git.onem2m.org/PRO/XSD/tree/master/v3_11_0) | [v2.21.0](https://git.onem2m.org/PRO/XSD/tree/master/v2_21_0) | [v1.9.0](https://git.onem2m.org/PRO/XSD/tree/master/v1_9_0) | Wolfgang | New R2 & R3 baselines needed that incorporate updates for TP40 and TP41 CRs for TS-0004 |
| 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) | - | Wolfgang | Compatible with CDT schemas v2.16.0  New R2 & R3 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) | - | Wolfgang | Compatible with CDT schemas v2.16.0  New R2 & R3 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) | - | Wolfgang | Device Description Framework (DDF) of Management Objects defined in oneM2M TS-0005  Not clear what is needed |
| TS-0006 (BBF) | [link](https://git.onem2m.org/MAS/TR69Model) | - | - | - | - | Laurent | TR-069 Data model oneM2M TR-181i2 Data Model Definition  Not clear what is needed |

| **TR** | **Title** | **Rel-4** | **Rel-3** | **Rel-2** | **Rel-1** | **Rapporteur** | **Comment** |
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| TR-0024 | 3GPP Interworking | [4.1.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30063&fromList=Y) | [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) | - | Weixiang (ZTE) | V4.2.0 baseline that incorporates TP41 CRs agreed and needs uploading to WPM |
| TR-0033 | Enhanced Semantic Enablement | [4.4.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=30097) | [3.0.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=19525) | - | - | Xu (Convida) |  |
| TR-0036 | Smart City | - | [0.3.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=27572&fromList=Y) | - | - | SeungMyeong (KETI) | New baseline v0.4.0 uploaded for review that incorporates TP41 CRs |
| TR-0041 | Decentralized Authentication | - | [0.4.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=26293&fromList=Y) | - | - | Jie Shi (Huawei) |  |
| 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 | - | [0.5.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=21344) | - | - | Yuan Tao (CNIC) | New baseline that incorporates TP41 CRs needed |
| 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 | [0.10.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30418&fromList=Y) | - | - | - | Wei (Datang) |  |
| TR-0052 | Edge and Fog Study | [0.8.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30412&fromList=Y) | - | - | - | Kenichi (KDDI) |  |
| TR-0053 | Lightweight oneM2M Services | [0.4.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=26657) | - | - | - | Dale (Convida) |  |
| TR-0054 | Service Subscribers and Users | [0.5.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30042&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 | [0.3.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=28787) | - | - | - | 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 | [0.0.1](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=29342&fromList=Y) | - | - | - | SeungMyeong (KETI) | New baseline v0.1.0 uploaded for review that incorporates older CRs |

6 Contributions

The SDS Document Allocation ([SDS-2019-0550](http://member.onem2m.org/Application/documentapp/downloadimmediate/default.aspx?docID=30650)) will be updated throughout the week.

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| [SDS-2019-0469](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30518&fromList=Y) | [Discussion\_on\_Next\_Steps\_for\_WI-0076](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30518&fromList=Y) | Convida |

SDS-2019-0469 was NOTED

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| [SDS-2019-0475R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30648&fromList=Y) | [Primitive\_Profile\_for\_TS-0001](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30648&fromList=Y) | Convida |

It was suggested that there is already a solution for this issue in the specification, however it was pointed out that using the existing solution can become very complex. This has been discussed previously. The query strings should be as streamlined as possible. It was suggested that this solution is adding too much unnecessary complexity. Some disagreement with this was expressed.

It was felt that more examples would be useful to clarify the issue. It was suggested that the description in the TR is very clear and reading this would help to clarify.

The RCN type may need to be checked.

Revision expected.

**Action SDS-42-01 – Dale to look at aggregated responses with respect to primitive profile.**

SDS-2019-0475R01 was NOTED  
SDS-2019-0475R02 was NOTED  
SDS-2019-0475R03 was NOTED

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| [SDS-2019-0488](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30538&fromList=Y) | [Potential solution for optimizing oneM2M message](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30538&fromList=Y) | Hyundai Motor Company and KETI |

Some concerns were raised over the use of ‘the same’. Need to add something to the requirements when the images will be used in legal procedures so that they can be proven to be identical. Question raised on how the CSE performs this detection.

Questions raised on the 1st solution, what happens if the CSE deletes the ContentInstance if it is being linked to by another ContentInstance.

Offline discussion needed.

SDS-2019-0488 was NOTED

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| [SDS-2019-0478R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30641&fromList=Y) | [Message\_Scripting\_Service\_Updates\_for\_TR-0053](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30641&fromList=Y) | Convida |

This contribution aims to address Editor’s Notes in the clause 6.1.4.2 in TR-0053 for Message Scripting Service.

SDS-2019-0478R01 was AGREED

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| [SDS-2019-0476](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30525&fromList=Y) | [Retarget\_via\_resourceMappingRules\_for\_TS-0001](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30525&fromList=Y) | Convida |

It was suggested that this procedure should be put into clause 10.2.x on LWM2M services.

Questions raised on the ‘parent resource’ – it was felt that this should be simply ‘the resource’.

The need for the retargetSchedule here was questioned – offline discussion needed, Enrico would also like to be involved in these discussions.

Clarification requested on Step 5, bullet c where ‘r’ is mentioned. It was explained that this is an example. Questions raised on how this will work with MQTT.

SDS-2019-0476 was NOTED

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| [SDS-2019-0477](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30526&fromList=Y) | [ACP\_for\_Retarget\_for\_TS-0001](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30526&fromList=Y) | Convida |

Offline discussion needed on the way forward with Retargeting Privileges.

SDS-2019-0477 was NOTED

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| [SDS-2019-0479](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30528&fromList=Y) | [Notification\_Recording\_for\_TR-0053](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30528&fromList=Y) | Convida |

Discussion on whether this is of interest to oneM2M. It was felt that a track of notification failure would be of interest.

No notification response could constitute a notification failure.

Questions raised on who is authorised to receive the notification information.

Step 6 already exists however it is not used in any meaningful way.

There is some interest in having more tractability of the notifications.

No objections to going forward with this.

Why is this under the lightweight service – need to check that this is the correct place for the information.

SDS-2019-0479 was NOTED

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| [SDS-2019-0536](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30601&fromList=Y) | [M2M Service Subscription Profile status attribute](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30601&fromList=Y) | C-DOT |

SDS-2019-0536 was AGREED

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| [SDS-2019-0530](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30593&fromList=Y) | [ServiceSubscriptionIDLinking](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30593&fromList=Y) | C-DOT |

A Globally unique M2M-Subscription-ID is defined and introduced as a new attribute in <m2mServiceSubscriptionProfile>. It lacks the linking in the resources in which it is useful.

The CR proposes to provide linking of this new identifier in other resources and it can further be added to more resources as required.

SDS-2019-0530 was NOTED  
SDS-2019-0530R01 was AGREED

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| [SDS-2019-0466](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30515&fromList=Y) | [Discussion\_on\_Next\_Steps\_for\_Service\_Subscribers\_WI-0083](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30515&fromList=Y) | Convida |

Concerns from a security point of view, raised over introducing the concept of User-ID.

SDS-2019-0466 was NOTED

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| --- | --- | --- |
| [SDS-2019-0470](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30519&fromList=Y) | [Service\_User\_Identifiers\_TS-0001](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30519&fromList=Y) | Convida |

It was suggested that the User ID shouldn’t be a list of real people in the system. The examples should be more generic – call center agent for example – rather than a list of actual names.

While this is in line with the TS terminology, it is not reflected in the TR.

Clause 7.1.13 is not used in any of the oneM2M procedures and it could be removed. However, this is not addressed in the current contribution.

SDS-2019-0470 was NOTED  
SDS-2019-0470R01 was NOTED  
SDS-2019-0470R02 was AGREED

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| [SDS-2019-0471](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30520&fromList=Y) | [Service\_User\_Authn\_Authz\_TS-0001](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30520&fromList=Y) | Convida |

WI-0089 focuses on adding awareness for M2M Service Subscribers and M2M Service Users in the oneM2M system. In support of this work item, this contribution proposes to add functionality to enable a Registrar CSE with support to authenticate and authorize users.

There will be TS-0003 contributions that will add additional details.

SDS-2019-0471 was AGREED

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| [SDS-2019-0453](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30501&fromList=Y) | [ServiceSubscribedNode\_RuleLinks\_R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30501&fromList=Y) | Convida |

SDS-2019-0453 was NOTED  
SDS-2019-0453R01 was AGREED

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| [SDS-2019-0454](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30502&fromList=Y) | [ServiceSubscribedNode\_RuleLinks\_R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30502&fromList=Y) | Convida |

Mirror CR of SDS-2019-0453.

SDS-2019-0454 was NOTED  
SDS-2019-0454R01 was AGREED

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| [SDS-2019-0435](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30482&fromList=Y) | [TS-0004-Update\_Optionality\_hostedServiceLinks\_node\_R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30482&fromList=Y) | C-DOT |

Peter N will double check that this change is OK, but the group is happy to agree this as is for now.

SDS-2019-0435 was AGREED

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| [SDS-2019-0520R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30626&fromList=Y) | [automatic\_ontology\_mapping\_conflict\_detection\_and\_repair\_ for\_TR-0033](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30626&fromList=Y) | CMCC, Huawei |

This CR provides a few solutions of automatic ontology mapping according to requirement ONT-020 in TS-0002. The supporting use cases can be found in TR-0001 clause 12.24.

For inclusion in TR-0033 as a part of the semantic study for R4.

Questioning whether this is getting too complex, but inclusion in the TR is OK. We’ll need to revisit when the TS is ready to be updated.

SDS-2019-0520R01 was LEFT OPEN  
SDS-2019-0520R02 was AGREED

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| [SDS-2019-0481R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30682&fromList=Y) | [Introducing ontology mapping resources](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30682&fromList=Y) | Yongjing Zhang (Huawei) |

This CR introduces the resource types, and brief CSF & procedure description for the feature of ontology mapping into TS-0001 based on the study outcome in TR-0033 (clause 7.3.8).

All changes made against the original content from TR-0033 are editorial with regard to normalized language and reference updates.

Defines the resources to allow ontology mapping.

SDS-2019-0481R01 was NOTED  
SDS-2019-0481R02 was AGREED

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| --- | --- | --- |
| [SDS-2019-0482](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30531&fromList=Y) | [request paramter extension for ontology mapping](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30531&fromList=Y) | Yongjing Zhang (Huawei) |

This CR introduces an extended request parameter into TS-0001 to enable semantic discovery/query with the ontology mapping result based on the study outcome in TR-0033.

All changes made against the original content from TR-0033 are editorial regarding normalized language and reference updates.

SDS-2019-0482 was NOTED  
SDS-2019-0482R01 was AGREED

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| --- | --- | --- |
| [SDS-2019-0484](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30533&fromList=Y) | [Ontology mapping procedures](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30533&fromList=Y) | Yongjing Zhang (Huawei) |

This CR introduces into TS-0034 the resource types, brief CSF & procedure description for the feature of ontology mapping and the usage of ontology mapping result for semantic query and semantic resource discovery based on the study outcome in TR-0033.

All changes made against the original content from TR-0033 are editorial with regard to normalized language and reference updates.

SDS-2019-0484 was NOTED  
SDS-2019-0484R02 was AGREED

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| --- | --- | --- |
| [SDS-2019-0460R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30620&fromList=Y) | [Semantic Reasoning Contents for TS-0001](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30620&fromList=Y) | Convida Wireless |

At TP 41, SDS-2019-0369 was discussed regarding the next step for WI-0053 (semantic enablement) and the consensus reached was that given the maturity of technical contents in TR-0033, it is time for moving the normative contents from TR-0033 to the related TSs (i.e., TS-0001 and TS-0034).

The purpose of this feature allows the CSE to be configured with some rules that allow the CSE to support more advanced functionality.

SDS-2019-0460R01 was NOTED  
SDS-2019-0460R02 was AGREED

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| [SDS-2019-0461R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30621&fromList=Y) | [Semantic\_Reasoning\_Contents\_for\_TS-0034](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30621&fromList=Y) | Convida Wireless |

At TP 41, SDS-2019-0369 was discussed regarding the next step for WI-0053 (semantic enablement) and the consensus reached is that the given the maturity of technical contents in TR-0033, it is time for moving the normative contents from TR-0033 to the related TS (i.e., TS-0034 and TS-0001).

SDS-2019-0461R01 was NOTED  
SDS-2019-0461R02 was AGREED

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| --- | --- | --- |
| [SDS-2019-0541](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30611&fromList=Y) | [Discussion about Action Issue](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30611&fromList=Y) | BOE |

This contribution highlights three (3) potential issues with the current action resource, which was a part of R3. We are working on enhancements for R4.

Our current definitions within the action resource need some clarity and enhancements.

The contributor was asked to provide additional use cases for inclusion in the TR.

SDS-2019-0541 was NOTED

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| --- | --- | --- |
| [SDS-2019-0489R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30592&fromList=Y) | [message handling policy for handling incompatible requests](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30592&fromList=Y) | Hyundai Motor Company and KETI |

Similar to SDS-2019-0541.

Both originators are issuing requests to the host CSE. A live system will have many different variables.

We have a requirement for reserving a resource. Would this satisfy the goal? If not, bring additional clarification on why it doesn’t and a proposal on how to move forward.

SDS-2019-0489R01 was LEFT OPEN

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| [SDS-2019-0462R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30701&fromList=Y) | [CEP\_Interworking](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30701&fromList=Y) | Hyundai Motor & KETI |

Introduces use case for CEP-oneM2M interworking.

Unclear what’s being proposed to standardize.

Revision expected.

SDS-2019-0462R01 was NOTED

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| [SDS-2019-0441](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30488&fromList=Y) | [TS-0001-childResourceType-Subscription(R4)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30488&fromList=Y) | C-DOT |

This CR proposes to extend the *childResourceType* feature in the <subscription> resource such that a notification is sent on “Creation of Direct child” as well as “Deletion of Direct child”.

Text on “implicit/explicit” scenarios will be revisited and clarified. We want to make sure a flurry of notifications isn’t being sent out.

Confirm that explicit events would not create a notification.

SDS-2019-0441 was LEFT OPEN

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| --- | --- | --- |
| [SDS-2019-0492R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30689&fromList=Y) | [PEN\_DeviceId\_R4](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30689&fromList=Y) | C-DOT |

This change request is for adding a new device identifier for devices which do not have OUI issued from IEEE. This change request shall add PEN based device identifier in oneM2M specifications.

Private Enterprise Network (PEN)

SDS-2019-0492R01 was LEFT OPEN

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| --- | --- | --- |
| [SDS-2019-0495](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30545&fromList=Y) | [Correction\_in\_UUID\_format\_R4](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30545&fromList=Y) | C-DOT |

This change Request is for UUID format of deviceIdentifier attribute of serviceSubscribedNode resource. The format of UUID as device identifier is not correctly mentioned in the document. Presently, in the document the UUID format mentioned is urn:uuid:########-####-####-############, whereas the actual format should be urn:uuid: ########-####-####-####-############. UUID record layout in hexadecimal format is 8-4-4-4-12(length in hex digits) whereas oneM2M specifications show it as 8-4-4-12(length in hex digits). In other words, according to section 4.1.2 of RFC 4122 there will be 16 octets in UUID whereas oneM2M specifications provide only 14 octets.

SDS-2019-0495 was AGREED

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| --- | --- | --- |
| [SDS-2019-0497](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30547&fromList=Y) | [Correction\_in\_UUID\_format\_R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30547&fromList=Y) | C-DOT |

Mirror of SDS-2019-0495.

SDS-2019-0497 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0528](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30586&fromList=Y) | [TR-0050 ABAC policy evaluation rules](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30586&fromList=Y) | CICT |

SDS-2019-0528 was AGREED

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| [SDS-2019-0525](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30583&fromList=Y) | [TR-0050 Conclusion of clause 6](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30583&fromList=Y) | CICT |

Revision expected.

SDS-2019-0525 was NOTED

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| --- | --- | --- |
| [SDS-2019-0527](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30585&fromList=Y) | [TR-0050 Conclusion of clause 8](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30585&fromList=Y) | CICT |

Revision expected.

SDS-2019-0527 was NOTED

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| --- | --- | --- |
| [SDS-2019-0526](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30584&fromList=Y) | [TR-0050 Conclusion of clause 7](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30584&fromList=Y) | CICT |

Revision expected.

SDS-2019-0526 was NOTED

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| --- | --- | --- |
| [SDS-2019-0529](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30587&fromList=Y) | [TR-0050 Conclusions](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30587&fromList=Y) | CICT |

Revision expected.

SDS-2019-0529 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0496](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30546&fromList=Y) | [Correction\_in\_UUID\_format\_R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30546&fromList=Y) | C-DOT |

Mirror of SDS-2019-0495.

SDS-2019-0496 was AGREED

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| [SDS-2019-0501](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30551&fromList=Y) | [Group\_FanoutPoint\_MemberTypeValidated\_R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30551&fromList=Y) | Convida |

This contribution to TS-0004 proposes some changes in the group and fanOutPoint procedure.

There was discussion on the usefulness/desirability of the deferred validation functionality. ‘

It would be difficult to remove deferred validation at this point.

Do we want to limit validation to only occur when either the group is created, or when the group is updated?

Proposal – validation must occur before you return a response to the createGroup operation.

Revision expected.

SDS-2019-0501 was NOTED  
SDS-2019-0501R01 was NOTED

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| [SDS-2019-0487](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30537&fromList=Y) | [schedule resource improvement for reservation](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30537&fromList=Y) | Hyundai Motor Company and KETI |

There is a schedule resource in oneM2M which has been clearly defined and it was felt that adding the reservation to this could cause it to become overloaded. It was suggested that a different resource such as ‘reservation resource’ could be created to solve this issue.

Questions raised over the original Requirement behind this and whether the resource will be visible and accessible or read only.

It was suggested that an emergency over-ride may need to be added.

Revision expected.

SDS-2019-0487 was NOTED

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| --- | --- | --- |
| [SDS-2019-0465](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30514&fromList=Y) | [Add Volatile feature to TS-001](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30514&fromList=Y) | Hyundai Motor & KETI |

it was suggested that there is an easier way of doing this by adding an optional attribute and then when a certain number of retrievals has been done the resource is removed.

It was confirmed that this is only focusing on ContentInstance for now.

Concerns raised over the use of ‘filterCriteria’.

Will expire when the time has expired or when it has been read a certain number of times – it was suggested that a common attribute could be used for this.

Attribute should be a ‘read-down’ and not ’read-up’.

SDS-2019-0465 was NOTED

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| --- | --- | --- |
| [SDS-2019-0463](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30512&fromList=Y) | [Joint Edge/Fog computing with underlying network](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30512&fromList=Y) | Hyundai Motor & KETI |

Second sentence needs to be reworded to make it read more clearly.

Questions raised on the motivation for this (i.e., is a new Requirement needed?) JaeSeung will check to see if there is already a Requirement in oneM2M that would cover this.

Revision expected.

SDS-2019-0463 was NOTED

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| --- | --- | --- |
| [SDS-2019-0442R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30499&fromList=Y) | [TS-0026 Network Monitoring Request](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30499&fromList=Y) | KDDI |

This contribution proposes how an AE (Originator) exchanges with a 3GPP Underlying Network parameters to be used for optimizing the data traffic over the Underlying Network by using a new resource <*nwMonitoringReq*>. The <*nwMonitoringReq*> resource provides the characteristics of the Underlying Network status in a particular geographic area such as congestion status and number of devices.

Concerns raised over the idea of exposing this low-level information to the AE. It was felt that this could minimize the value of oneM2M.

SDS-2019-0442R01 was NOTED  
SDS-2019-0442R02 was AGREED

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| [SDS-2019-0543R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30707&fromList=Y) | [Addition of new resource mgmtServer](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30707&fromList=Y) | C-DOT |

Addition of new resource <mgmtServer> having an attribute periodicInformInterval. The reason for this addition is to maintain and control the periodicity of Inform messages from CPE to Management Server. Considering the cases where we want to modify the periodicity of inform messages from a large number of devices deployed in the field to Management Server based on different external factors like bandwith, battery of the devices etc. It's not feasible to change the configuration of each device manually in such scenarios. Since TR-0069 already supports the modification of periodicity of inform messages from Management Server to CPE through Device.ManagementServer.PeriodicInformInterval attribute of Device.ManagementServer object, adding resource for it will enable the users to control and manage the periodicity from AE's. Adding a new resource <mgmtServer> will also help in the addition of other attributes when required in the future.

Offline discussions with other oneM2M device management experts (Yongjing) should occur.

Need to check what attributes make sense for oneM2M.

More time needed to review this as well as additional offline discussions.

Need to add the definition for CPE.

Remove the word ‘current’ as it’s always the current status.

SDS-2019-0543R01 was NOTED

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| [SDS-2019-0444](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30491&fromList=Y) | [TS-0001 nwMonitoringReq resource](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30491&fromList=Y) | KDDI |

This contribution proposes to add the new resource <*nwMonitoringReq*> to TS-0001 based on the solution E: Tightly coupled Edge/Fog Computing with 3GPP T8 API of TR-0052.

It was felt a more generic resource would be preferable.

SDS-2019-0444 was NOTED  
SDS-2019-0444R02 was NOTED  
SDS-2019-0444R03 was AGREED

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| [SDS-2019-0445](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30492&fromList=Y) | [TS-0026 Interworking with ASN MN-CSE(SCS)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30492&fromList=Y) | KDDI |

This CR proposes interworking procedures between an ASN/MN-CSE (SCS) and an SCEF. The CR is based on the solution G: Tightly coupled Edge/Fog Computing with 3GPP T8 API #2 of TR-0052. In the solution G, 3GPP T8 interface is directly available to a ASN/MN-CSE and the ASN/MN-CSE fills the role of a SCS for interworking with a SCEF.

Note that SDS-0447 addresses impacted resources for this CR.

SDS-2019-0445 was NOTED  
SDS-2019-0445R01 was AGREED

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| [SDS-2019-0544](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30615&fromList=Y) | [Addition of new resource mgmtServer](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30615&fromList=Y) | C-DOT |

Addition of new resource <mgmtServer> having an attribute periodicInformInterval. The reason for this addition is to maintain and control the periodicity of Inform messages from CPE to Management Server. Considering the cases, we want to modify the periodicity of inform messages from large number of devices deployed in the field to Management Server based on different external factors like bandwith, battery of the devices etc. It's not feasible to change the configuration of each devices manually in such scenarios. Since TR-0069 already supports the modification of periodicity of inform messages from Management Server to CPE through Device.ManagementServer.PeriodicInformInterval attribute of Device.ManagementServer object, adding resource for it will enable the users to control and manage the periodicty from AE's. Adding a new resource <mgmtServer> will also help in the addition of other attributes when required in future.

For inclusion in TS-0004.

Revision expected.

SDS-2019-0544 was NOTED

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| --- | --- | --- |
| [SDS-2019-0545](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30616&fromList=Y) | [Addition of new resource mgmtServer](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30616&fromList=Y) | C-DOT |

Addition of new resource <mgmtServer> having an attribute periodicInformInterval. The reason for this addition is to maintain and control the periodicity of Inform messages from CPE to Management Server. Considering the cases, we want to modify the periodicity of inform messages from large number of devices deployed in the field to Management Server based on different external factors like bandwith,battery of the devices etc. It's not feasible to change the configuration of each device manually in such scenarios. Since TR-0069 already supports the modification of periodicity of inform messages from Management Server to CPE through Device.ManagementServer.PeriodicInformInterval attribute of Device.ManagementServer object, adding resource for it will enable the users to control and manage the periodicty from AE's. Adding a new resource <mgmtServer> will also help in the addition of other attributes when required in future.

For inclusion in TS-0006.

SDS-2019-0545 was LEFT OPEN

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| [SDS-2019-0327R05](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30610&fromList=Y) | [MALICIOUS AE AND BLOCKED ORIGINATOR](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30610&fromList=Y) | C-DOT |

This CR was introduced in release 3 in SDS39 and it was advised to move it to Release 4. A short presentation with overall concept was presented and discussed ([SDS-2019-0199R02](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=29545&fromList=Y) :MALICIOUS AE AND BARRED ORIGINATOR) in SDS 39.9. This CR is now revised for Release 4 based on the input received in SDS39 and SDS 39.9.

The CR proposes to add two (2) new concepts in TS-0001: Malicious AE and Barred Originator.

The key idea is to be able to identify a malicious AE Originator that is attempting to perform some malicious activity through a oneM2M request. If such an AE is identified, then it should be barred from performing any further action in the oneM2M network. The implementation of barring an AE, identified as Malicious AE, requires the implementation of a barred originator list.

How do we define “malicious”? How do we implement this without the definition of malicious? How do we allow a device to be safely removed from the list?

Additional offline discussions will occur.

Revision expected.

SDS-2019-0327R05 was NOTED  
SDS-2019-0327R07 was NOTED

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| --- | --- | --- |
| [SDS-2019-0426R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30564&fromList=Y) | [Barred\_Originator\_Prevention](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30564&fromList=Y) | C-DOT |

A related Change Request SDS-2019-0327R02-MALICIOUS\_AE\_AND\_BLOCKED\_ORIGINATOR was introduced in Release 3 in SDS39. A short presentation with the overall concept was presented and discussed (SDS-2019-0199R02: MALICIOUS AE AND BLOCKED/BARRED ORIGINATOR) in SDS 39.9. This CR is now prepared to introduce the corresponding concept in Security based on the inputs received in SDS 39 and SDS 39.9.

The CR proposes to add prevention of Barred originator in the TS-0003, corresponding to new concepts added in TS-0001: Malicious AE and Blocked/Barred Originator.

SDS-2019-0426R01 was NOTED

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| --- | --- | --- |
| [SDS-2019-0539](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30607&fromList=Y) | [TS-0004-MALICIOUS\_AE\_AND\_BLOCKED\_ORIGINATOR](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30607&fromList=Y) | C-DOT |

SDS-2019-0539 was NOTED

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| [SDS-2019-0449](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30496&fromList=Y) | [TS-0026-Enabling BDT Policy with Chargeable Party API R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30496&fromList=Y) | KDDI |

Mirror of SDS-2019-0448.

An update in 3GPP has prompted the need to update our TS-0026.

SDS-2019-0449 was AGREED

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| [SDS-2019-0448](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30495&fromList=Y) | [TS-0026-Enabling BDT Policy with Chargeable Party API R4](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30495&fromList=Y) | KDDI |

This CR proposes to inline an IN-CSE request for enabling a Background Data Transfer Policy in TS-0026 with 3GPP TS29.122-f40. If the IN-CSE sends the request to a SCEF, a UE IP address needs to be configured in one of ipv4Addr or ipv6Addr attribute and flowInfo attribute in Chargable Party API as defined in the 3GPP TS29.122. However, the ipv4Addr and the ipv6Addr attributes are missing in the request procedure in clause 7.10.3.2 of TS-0026.

The 3GPP TS29.122 defines the ipv4Addr or the ipv6Addr attribute of the Chargeable Party API as follow (highlighted with yellow).

SDS-2019-0448 was AGREED

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| --- | --- | --- |
| [SDS-2019-0424R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30475&fromList=Y) | [TS-0004-New Error Code for Traffic Patterns API R4](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30475&fromList=Y) | KDDI |

This CR proposes a new error response code which is used for error handling of 3GPP Traffic Pattern API in SDS-2019-0423R02 which was agreed at SDS41.4. The CR applies to “6033” as the response code, because the response code “6032” has been allocated to 3GPP QoS session API in SDS-2019-0404.

No mapping for the error code.

SDS-2019-0424R01 was AGREED

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| [SDS-2019-0552R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30741&fromList=Y) | [UE\_Device\_Connection\_efficiency\_plan](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30741&fromList=Y) | Convida |

TS.34 (from GSMA) – ensures IoT devices on mobile networks don’t harm the networks. Last publication was January 2018. Covers device management, IoT device application functionality, 3GPP network requirements, cloud requirements. Resulting from use cases, a set of requirements how to have IoT devices operate efficiently were developed. GSMA’s requirements (to operators) for devices to use their requirements efficiently. After analysis, oneM2M specifications contain everything necessary to implement this. This is a good compliment to TS-0026 (3GPP interworking). This contribution lists what’s not in our specifications is how to tie all of this together. How do we take the core oneM2M components and implement what’s in the requirement? By putting those requirements in this document, we can have testing and conformance scripts written. This will primarily affect TS-0026.

A freeze date extension of WI-0058 will be required.

Having a separate, permanent TR may be useful but you can’t write conformance testing to a TR.

This proposal will be brought into the TP.

SDS-2019-0552R01 was NOTED

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| --- | --- | --- |
| [SDS-2019-0457](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30505&fromList=Y) | [TR0024\_UE\_DCE\_DM](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30505&fromList=Y) | Convida |

Device management for Device Connection Efficiency (DCE).

This is the 1st requirement in GSMA TS.34.

IoT application can retrieve from the embedded service layer.

Participants were invited to contact Bob as there is a lot of work to be done.

For inclusion in TS-0024.

Revision expected

SDS-2019-0457 was NOTED

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| --- | --- | --- |
| [SDS-2019-0499R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30717&fromList=Y) | [Correction\_GRI\_Generation (R3)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30717&fromList=Y) | C-DOT |

The contribution to TS-0004 propose a correction to the Group Request Identifier.

A group Request Identifier is used by the group Hosting CSE to detect loops and duplicate request. It is generated by the group Hosting CSE corresponding to a fanout request and is copied in fanout request to each individual member. Text in TS-0004 creates confusion and it appears that it is uniquely generated for each member of group. The CR proposes to clarify the same.

SDS-2019-0499 was NOTED  
SDS-2019-0499R01 was AGREED

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| --- | --- | --- |
| [SDS-2019-0446](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30493&fromList=Y) | [TS-0026 Connectivity Establishment with ASN MN-CSE(SCS)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30493&fromList=Y) | KDDI |

SDS-2019-0446 was AGREED

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| --- | --- | --- |
| [SDS-2019-0535R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30718&fromList=Y) | [Correction\_GRI\_Generation (R2)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30718&fromList=Y) | C-DOT |

Mirror to SDS-2019-0499R01.

SDS-2019-0535R01 was AGREED

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| --- | --- | --- |
| [SDS-2019-0519](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30573&fromList=Y) | [ACP\_Group\_Validation(R3)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30573&fromList=Y) | C-DOT |

The CR proposes to add validations for groupID in the accessControlOriginators of <accessControlPolicy> resource.

Revision expected

SDS-2019-0519 was NOTED  
SDS-2019-0519R01 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0447](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30494&fromList=Y) | [TS-0001 Resource updates for ASN MN-CSE(SCS)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30494&fromList=Y) | KDDI |

SDS-2019-0447 was AGREED

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| --- | --- | --- |
| [SDS-2019-0548](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30644&fromList=Y) | [TR-0052\_Terminology\_Update](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30644&fromList=Y) | Convida |

The existence of ‘Fog’ was questioned.

If the Industry is still using the term ‘Fog’ then it should be kept, if not then now is the right time to remove it.

It was suggested that the terms ‘Edge’ and ‘Fog’ could be used in an example as oneM2M is not defining ‘Edge’ and ‘Fog’ nodes - we have our own nodes. oneM2M defines how the oneM2M nodes can be used in ‘Edge’ and ‘Fog’ deployments.

We’re trying to stay with industry wording rather than introducing oneM2M-specific terminology.

Next steps – confirm consistency of terminology throughout TR-0052.

SDS-2019-0548 was NOTED  
SDS-2019-0548R01 was AGREED

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| --- | --- | --- |
| [SDS-2019-0547](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30643&fromList=Y) | [TR-0052\_service\_management](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30643&fromList=Y) | Convida |

Late contribution; additional time requested.

SDS-2019-0547 was LEFT OPEN

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0546](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30642&fromList=Y) | [TR-0052\_Multi-registration\_procedure](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30642&fromList=Y) | Convida |

Late contribution; additional time requested.

SDS-2019-0546 was LEFT OPEN

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0521](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30579&fromList=Y) | [TR-0050 Modify ABAC policy structure](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30579&fromList=Y) | CICT |

SDS-2019-0521 was NOTED  
SDS-2019-0521R01 was AGREED

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| --- | --- | --- |
| [SDS-2019-0524](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30582&fromList=Y) | [TR-0050 Remove elements from ABAC policy](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30582&fromList=Y) | CICT |

SDS-2019-0524 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0523](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30581&fromList=Y) | [TR-0050 Modify ABAC policy resources](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30581&fromList=Y) | CICT |

Clarification needed on the new resource type as there is no description. The full picture of the overall solution is needed. Time will be set aside for this to be presented.

Revision expected.

**Action SDS-42-02: Wei to bring a presentation to the SDS WG to explain the complete solution of the ABAC mechanisms in TR-0050 so that it may be fully understood and the group can decide whether or not to request approval of this TR from the TP.**

SDS-2019-0523 was NOTED  
SDS-2019-0523R01 was NOTED

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| --- | --- | --- |
| [SDS-2019-0522](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30580&fromList=Y) | [TR-0050 Modify accessControlCombiningPolicy resource](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30580&fromList=Y) | CICT |

Figure will be enhanced. The different relationships need to be described somewhere.

Revision expected.

SDS-2019-0522 was NOTED  
SDS-2019-0522R01 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0439R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30603&fromList=Y) | [TS-0004-notificationContentType-Subscription(R3)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30603&fromList=Y) | C-DOT |

This CR proposes to add a validation check for notificationContentType, such that if an invalid notificationContentType for a given operation is sent, a BAD\_REQUEST must be sent.

SDS-2019-0439R01 was NOTED  
SDS-2019-0439R02 was AGREED

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| --- | --- | --- |
| [SDS-2019-0537](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30604&fromList=Y) | [TS-0004-notificationContentType-Subscription(R2)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30604&fromList=Y) | C-DOT |

Mirror to SDS-2019-0439R02.

SDS-2019-0537 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0485](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30534&fromList=Y) | [TS-0001 geo-query feature](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30534&fromList=Y) | KETI |

This CR proposes the new attribute, filter conditions and handling procedures for the geo-query feature to fullfill the new requirements from RDM#40 agreed contribution “RDM-2019-0061R01-Requirements\_on\_geometry\_objects\_and\_geospatial\_functions”.

SDS-2019-0485 was NOTED  
SDS-2019-0485R01 was NOTED  
SDS-2019-0485R02 was NOTED  
SDS-2019-0485R03 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0486R02](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30744&fromList=Y) | [TS-0004 geo-query feature](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30744&fromList=Y) | KETI |

This CR proposes the new attribute, filter conditions and handling procedures for the geo-query feature to fulfill the new requirements from the RDM40-agreed contribution “RDM-2019-0061R01-Requirements\_on\_geometry\_objects\_and\_geospatial\_functions”.

SDS-2019-0486R01 was NOTED  
SDS-2019-0486R02 was NOTED  
SDS-2019-0486R04 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0515](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30566&fromList=Y) | [TS-0009\_mapping\_for\_geo-query\_filter\_conditions](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30566&fromList=Y) | KETI |

This CR proposes the new filter condition mapping for new conditions proposed in SDS-2019-0486-TS-0004\_geo-query\_feature.

SDS-2019-0515 was LEFT OPEN

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0514](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30565&fromList=Y) | [TS-0008\_mapping\_for\_geo-query\_filter\_conditions](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30565&fromList=Y) | KETI |

This contribution number was withdrawn, as no document will be uploaded.

SDS-2019-0514 was WITHDRAWN

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| --- | --- | --- |
| [SDS-2019-0549](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30645&fromList=Y) | [TR-0060\_process\_management\_potential\_solution](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30645&fromList=Y) | Convida |

Provides potential solution affecting process management for action triggering.

The following introduces the procedures for state and process management based on the resources introduced in SDS-2019-0222R01.

Revision expected.

SDS-2019-0549 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0467](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30516&fromList=Y) | [Discussion\_on\_Next\_Steps\_for\_Time\_Sync](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30516&fromList=Y) | Convida |

For inclusion in TS-0026.

SDS is ending the study work in the TR for this feature and is about to start the normative work.

SDS-2019-0467 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0474](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30523&fromList=Y) | [Time\_Sync\_Compensation\_TS-0001](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30523&fromList=Y) | Convida |

This contribution proposes to move one of the time synchronization solutions defined in clause 10.8 of TR-0026 to TS-0001 as normative texts.

Originating time stamp shouldn’t be included. Clarification on parameters is needed.

Revision expected.

SDS-2019-0474 was NOTED  
SDS-2019-0474R02 was NOTED

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| --- | --- | --- |
| [SDS-2019-0472](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30521&fromList=Y) | [Time\_Sync\_CSEBase\_currentTime\_TS-0001](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30521&fromList=Y) | Convida |

This contribution proposes to move one of the time synchronization solutions defined in clause 10.11 of TR-0026 to TS-0001 as normative texts.

This solution addresses Key Issue 7 which highlights that services requiring time-sensitive operations rely on the various Service Layer entities being time-synchronized.

This solution is especially targeted towards deployments involving constrained IoT devices that only support client functionality and not server functionality.

TS-0004 contribution needs to be created.

SDS-2019-0472 was NOTED  
SDS-2019-0472R01 was NOTED  
SDS-2019-0472R02 was AGREED

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| --- | --- | --- |
| [SDS-2019-0473R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30647&fromList=Y) | [Time\_Sync\_Beacon\_TS-0001](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30647&fromList=Y) | Convida |

This contribution proposes to move one of the time synchronization solutions defined in clause 10.8 of TR-0026 to TS-0001 as normative text.

This solution addresses Key Issue 7 which highlights that services requiring time-sensitive operations rely on the various Service Layer entities being time-synchronized.

CSEs can be configured by one or more entities to send SL time synchronization beacon notifications. The beacons can be customized to be sent at periodic frequencies (e.g. every 5 minutes) or in response to loss of synchronization exceeding a specified time offset threshold. The beacons can be useful for keeping an entity synchronized with the current time of a CSE especially when the entity is communicating with the CSE on an intermittent basis where clock drift and synchronization issues can arise.

SDS-2019-0473R02 was NOTED  
SDS-2019-0473R03 was AGREED

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| --- | --- | --- |
| [SDS-2019-0504](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30554&fromList=Y) | [TS-0001-supportedReleaseVersions\_RW\_instead\_of\_WO\_R4](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30554&fromList=Y) | C-DOT |

Text from TS-0004-V3.13.0 section 7.4.4 and 7.4.5 shows the update optionality of *supportedReleaseVersions* attribute of <remoteCSE> and <AE> resources as Optional (O), but the same attribute has been defined as ‘WO’ in TS-0001 section 9.6.4 and 9.6.5.

So, this change proposes to make the attribute *supportedReleaseVersions* in<remoteCSE> and <AE> resourcesas ‘RW’ instead of ‘WO’.

Proposal is to change this all the way back to R2.

SDS-2019-0504 was AGREED

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| --- | --- | --- |
| [SDS-2019-0505](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30555&fromList=Y) | [TS-0001-supportedReleaseVersions\_RW\_instead\_of\_WO\_R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30555&fromList=Y) | C-DOT |

Mirror to SDS-2019-0504.

SDS-2019-0505 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0508](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30558&fromList=Y) | [TS-0001-supportedReleaseVersions\_RW\_instead\_of\_WO\_R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30558&fromList=Y) | C-DOT |

Mirror to SDS-2019-0504.

SDS-2019-0508 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0513R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30727&fromList=Y) | [SSP\_mapping\_in\_AuthProfile](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30727&fromList=Y) | C-DOT |

SDS-2019-0513R01 was NOTED  
SDS-2019-0513R02 was AGREED

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| --- | --- | --- |
| [SDS-2019-0498](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30548&fromList=Y) | [AGN\_Using\_GRI](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30548&fromList=Y) | C-DOT |

The contribution is a presentation proposing a new design for Notifications Aggregation.

Current design assumes notificationForwardingURI as basis of aggregation.

Long discussion but no full consensus reached. The proposed changes may have some impact on the current behavior. We need to carefully study the proposed changes.

SDS-2019-0498 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0500](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30550&fromList=Y) | [NotificationAggregationGRI(R4)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30550&fromList=Y) | C-DOT |

The contribution on TS-0001 reflects the proposed changes described in SDS-2019-0498.

SDS-2019-0500 was NOTED

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| --- | --- | --- |
| [SDS-2019-0502](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30552&fromList=Y) | [NotificationAggregationGRI-TS0004(R3)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30552&fromList=Y) | C-DOT |

CR on TS-0004 related to SDS-2019-0500.

SDS-2019-0502 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0451](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30498&fromList=Y) | [TS-0004-nfURI Subscription](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30498&fromList=Y) | C-DOT |

The contribution fixes a difference between TS-0001 and TS-0004 about the notificationForwardingURI attribute.

SDS-2019-0451 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0511](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30561&fromList=Y) | [DCFGResourceAttributesCreateOptionality](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30561&fromList=Y) | C-DOT |

It is proposed to change the create/update optionality of the attributes of below mentioned resources to maintain consistency.

Applicable to Release 4.

SDS-2019-0511 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0512](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30562&fromList=Y) | [DCFGResourceAttributesCreateOptionality\_R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30562&fromList=Y) | C-DOT |

R3 mirror to SDS-2019-0511.

SDS-2019-0512 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0561](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30724&fromList=Y) | [AuthProfile\_Key\_Attributes\_type](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30724&fromList=Y) | C-DOT |

An entity in oneM2M authenticates itself to another entity during Secure Association, through keys. These keys are stored on the CSE in the <authenticationProfile> resource, which is then configured on the entity. The keys used by the entity can be updated to a new value during its lifetime for security purposes, certificate expiration etc. Thus, it needs to be updated in <authenticationProfile> resource which means that the key attributes should be RW in the specifications, and not WO.

It is proposed to make the key attributes i.e. symmKeyValue, mycertFingerprint, rawPubKeyID as RW.

Additional offline discussions will occur.

SDS-2019-0561 was LEFT OPEN

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0542](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30613&fromList=Y) | [StatusCodeForAppRuleValidation](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30613&fromList=Y) | C-DOT |

Applicable to TS-0004.

The CR proposes to add status code for App Rule validation in registration request.

Response codes that are added (in TS-0004) should have corresponding updates to TS-0008 and TS-0009 also prepared to ensure we stay in sync.

Confirm fully defined in TS-0001. If not, a CR will be necessary. Once complete, we can add a reference in TS-0004.

SDS-2019-0542 was NOTED  
SDS-2019-0542R01 was NOTED  
SDS-2019-0542R02 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0565](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30746&fromList=Y) | [M2MServiceSubscriptionProfile\_Activation \_Deactivation\_Date\_and\_Status](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30746&fromList=Y) | C-DOT |

Profile restrictions activation/deactivation date are introduced for service subscription in TR-0054.

Also, a new attribute STATUS is added in <m2mServiceSubscriptionProfile> corresponding to Activation/Deactivation Date attributes for profile restriction.

The CR proposes to add normative text in TS-0001 corresponding to three (3) new attributes: activationDate, deactivateDate, STATUS in <m2mServiceSubscriptionProfile>.

R4 contribution for inclusion in TS-0001.

C-DOT will bring in proposed procedure for the attributes.

Revision expected.

SDS-2019-0565 was NOTED  
SDS-2019-0565R01 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0562R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30745&fromList=Y) | [add privilege check procedure in action procedure](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30745&fromList=Y) | BOE |

This CR is against the security issue of <action> resource mentioned in SDS-2019-0541R01.

In the current <action> resource creating/updating procedure, there is no privilege check procedure of the originator operating against the object resource. This means once the originator gets the privilege to create/update <action> resource, the originator can access all the resource, because the request which the action triggered is sent by the Hosting CSE.

Proposal is to add privilege check procedure of the originator against the object resource in the create/update <action> procedure.

Proposed for inclusion in TS-0001.

An R3 mirror will be created.

Revision expected.

SDS-2019-0562R01 was NOTED  
SDS-2019-0562R02 was NOTED

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| --- | --- | --- |
| [SDS-2019-0566](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30764&fromList=Y) | [TR-0060 Action Confliction Use Case](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30764&fromList=Y) | BOE |

Contributor will work w/ SeungMyeong to further define the proposal.

Many editorial issues to be fixed.

Revision expected.

SDS-2019-0566 was NOTED

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| --- | --- | --- |
| [SDS-2019-0490](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30540&fromList=Y) | [schedule improvement for supporting periodic notification](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30540&fromList=Y) | Hyundai Motor Company and KETI |

Proposal to define new function indicating Start time / End time / Excluded time duration into <schedule> resource for periodic notification.

Revision expected.

SDS-2019-0490 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0491](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30541&fromList=Y) | [new response status code discussion](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30541&fromList=Y) | Hyundai Motor Company and KETI |

Concern on whether a new response code is necessary. Additional analysis will be done.

SDS-2019-0491 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0558](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30675&fromList=Y) | [associated reference point cleanup (TS-0001 R4)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30675&fromList=Y) | KETI |

In response to action item A-ARC-35-02.

Associated reference point cleanup.

Only affects TS-0001.

C-DOT has requested additional time to review.

SDS-2019-0558 was LEFT OPEN

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0559](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30676&fromList=Y) | [associated reference point cleanup (TS-0001 R3)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30676&fromList=Y) | KETI |

Mirror to SDS-2019-0558.

SDS-2019-0559 was LEFT OPEN

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0554](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30664&fromList=Y) | [Allowing @ symbol in resourceName (TS-0001 R4)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30664&fromList=Y) | KETI |

This CR proposes to allow @ symbol to be used in the resourceName attribute and the AE-ID (i.e. AE-ID attribute).

For implementation in R4.

SDS-2019-0554 was LEFT OPEN

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0556](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30666&fromList=Y) | [Allowing @ symbol in resourceName (TS-0001 R2)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30666&fromList=Y) | KETI |

SDS-2019-0556 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0555](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30665&fromList=Y) | [Allowing @ symbol in resourceName (TS-0001 R3)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30665&fromList=Y) | KETI |

SDS-2019-0555 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0483R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30709&fromList=Y) | [ontology mapping stage 3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30709&fromList=Y) | Yongjing Zhang (Huawei) |

This CR introduces stage 3 resource types, procedures and necessary definitions into TS-0004 for ontology mapping and the usage of ontology mapping result for semantic query and semantic resource discovery based on the study outcome in TR-0033.

SDS-2019-0483R01 was NOTED  
SDS-2019-0483R02 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0436](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30483&fromList=Y) | [TS-0001-Clarification\_Discovery\_Operation\_R4](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30483&fromList=Y) | C-DOT |

SDS-2019-0436 was NOTED  
SDS-2019-0436R01 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0438](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30485&fromList=Y) | [TS-0001-Clarification\_Discovery\_Operation\_R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30485&fromList=Y) | C-DOT |

SDS-2019-0438 was NOTED  
SDS-2019-0438R01 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0437](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30484&fromList=Y) | [TS-0001-Clarification\_Discovery\_Operation\_R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30484&fromList=Y) | C-DOT |

SDS-2019-0437 was NOTED  
SDS-2019-0437R01 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0531](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30596&fromList=Y) | [ServiceStatisticsCollectionRecordCleanup(R4)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30596&fromList=Y) | C-DOT |

The CR proposes to add clarification for Service statistics collection record.

Question raised on adding a link to a resource.

Will be reviewed during a conference call.

SDS-2019-0531 was NOTED  
SDS-2019-0531R01 was LEFT OPEN

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0533](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30598&fromList=Y) | [ServiceStatisticsCollectionRecordCleanup(R2)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30598&fromList=Y) | C-DOT |

SDS-2019-0533 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0532](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30597&fromList=Y) | [ServiceStatisticsCollectionRecordCleanup(R3)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30597&fromList=Y) | C-DOT |

SDS-2019-0532 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0464R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30755&fromList=Y) | [Procedures for Modbus interworking](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30755&fromList=Y) | KETI |

Additional offline discussions needed.

SDS-2019-0464R01 was LEFT OPEN

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0456](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30504&fromList=Y) | [TS0001-acp\_features](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30504&fromList=Y) | Convida |

Cover sheet needs to be updated – WI-0077 and change type needs to be corrected (STE)

Questions raised over the need for the eval criteria attribute – clarification could be added.

It was felt that the example was poorly written however this is out of scope of this contribution

Revision expected

SDS-2019-0456 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0082R02](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30796&fromList=Y) | [getting N latest/oldest contentInstance resources](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30796&fromList=Y) | KETI |

Revision expected.

SDS-2019-0082R02 was NOTED  
SDS-2019-0082R03 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0393](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30189&fromList=Y) | [TS0001-Container\_Attribute\_Announce\_ability\_R4](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30189&fromList=Y) | Convida |

SDS-2019-0393 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0270R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30187&fromList=Y) | [TS0001-Container\_Attribute\_Announce\_ability\_R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30187&fromList=Y) | Convida |

SDS-2019-0270R01 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0271R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30188&fromList=Y) | [TS0001-Container\_Attribute\_Announce\_ability\_R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30188&fromList=Y) | Convida |

SDS-2019-0271R01 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0293R02](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30299&fromList=Y) | [TS0001-Time\_Series\_Reporting\_R4](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30299&fromList=Y) | Convida |

SDS-2019-0293R02 was LEFT OPEN

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0254R02](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30300&fromList=Y) | [TS0001-Time\_Series\_Reporting\_R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30300&fromList=Y) | Convida |

SDS-2019-0254R02 was LEFT OPEN

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0480](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30529&fromList=Y) | [Attribute\_Level\_Access\_Controls\_TS-0003](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30529&fromList=Y) | Convida |

SDS-2019-0480 was LEFT OPEN

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0441](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30488&fromList=Y) | [TS-0001-childResourceType-Subscription(R4)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30488&fromList=Y) | C-DOT |

SDS-2019-0441 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0440](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30487&fromList=Y) | [TS-0001-childResourceType-Subscription(R3)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30487&fromList=Y) | C-DOT |

SDS-2019-0440 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0443](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30490&fromList=Y) | [TS-0004-childResourceType-Subscription(R3)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30490&fromList=Y) | C-DOT |

SDS-2019-0443 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0570](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30775&fromList=Y) | [DCFGResourceAttributesCreateOptionality\_R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30775&fromList=Y) | C-DOT |

SDS-2019-0570 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0580](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30864&fromList=Y) | [StatusCodeForAppRuleValidation\_R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30864&fromList=Y) | C-DOT |

The CR proposes to add status code for App Rule validation in registration request. A registration request is validated against its <serviceSubscribedAppRule> linked through its <serviceSubscriptionProfile>. Currently, only validation check is mentioned in the specs but what action needs to be taken on validation failure is missing.

SDS-2019-0580 was NOTED  
SDS-2019-0580R01 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0557R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30719&fromList=Y) | [TS-0022-Field\_Device\_Configuration-V4\_1\_0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30719&fromList=Y) | C-DOT |

SDS-2019-0557R01 is agreed as the new baseline for TS-0022 and the Rapporteur is requested to upload it to the WPM area of the portal as a permanent document.

SDS-2019-0557R01 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0574](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30787&fromList=Y) | [TS-0004 acessing N latest/oldest content instances](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30787&fromList=Y) | KETI |

This CR proposes the stage3 details for TS-0004 on the same topic to the “SDS-2019-0082 getting N latest/oldest contentInstance resources” (stage 2).

Target the parent container with a filter query string.

SDS-2019-0574 was LEFT OPEN

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0577](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30818&fromList=Y) | [MappingAppRuleValidationFailed\_to\_HTTP](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30818&fromList=Y) | C-DOT |

The CR to TS-0009 proposes to add mapping of oneM2M response status code “APP\_RULE\_VALIDATION\_FAILED” to HTTP  response code, on app rule validation failure of a registration request.

It is related to [SDS-2019-0542R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30815&fromList=Y)

SDS-2019-0577 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0576R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30817&fromList=Y) | [MappingAppRuleValidationFailed\_to\_CoAP](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30817&fromList=Y) | C-DOT |

SDS-2019-0576R01 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0579](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30857&fromList=Y) | [MappingAppRuleValidationFailed\_to\_CoAP\_R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30857&fromList=Y) | C-DOT |

Mirror CR of SDS-2019-0576R01.

SDS-2019-0579 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0578](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30852&fromList=Y) | [MappingAppRuleValidationFailed\_to\_HTTP\_R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30852&fromList=Y) | C-DOT |

Mirror CR of SDS-2019-0577.

SDS-2019-0578 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0506R02](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30862&fromList=Y) | [TS-0004-Create\_Update\_Optionality\_WRT\_RO\_WO\_RW-R02](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30862&fromList=Y) | C-DOT |

This CR proposes to specify optionality of Create and Update request with reference to attribute being RO, WO or RW.

SDS-2019-0506 was NOTED  
SDS-2019-0506R02 was NOTED  
SDS-2019-0506R03 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0518R02](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30861&fromList=Y) | [TS-0004-Create\_Update\_Optionality\_WRT\_RO\_WO\_RW-R2-R02](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30861&fromList=Y) | C-DOT |

Mirror CR of SDS-2019-0506R02.

SDS-2019-0518 was NOTED  
SDS-2019-0518R02 was NOTED  
SDS-2019-0518R03 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0503R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30776&fromList=Y) | [Group\_FanoutPoint\_MemberTypeValidated\_R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30776&fromList=Y) | Convida |

SDS-2019-0503R01 was NOTED

|  |  |  |
| --- | --- | --- |
| [ARC-2018-0348R11](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30910&fromList=Y) | [TS-0001 discovery-based operations](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30910&fromList=Y) | Convida, Orange |

ARC-2018-0348R11 was NOTED  
ARC-2018-0348R12 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0582](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30873&fromList=Y) | [areaNwkType attribute type\_R4](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30873&fromList=Y) | C-DOT |

This CR is proposing to bind areaNwkType attribute of <areaNwkInfo> resource with one from specific set of actual values of area networks.

Earlier, TS-0001 mentioned this attribute to be of any implementation chosen string which may not be even actual name of areaNwkType. This makes it difficult to relate to real world scenarios.

This CR aims to close follow up action item ‘A-SDS-39-02’ related to SDS-2019-0050 on areaNwkInfo.

SDS-2019-0582 was NOTED  
SDS-2019-0582R01 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0581](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30870&fromList=Y) | [areaNwkType attribute type](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30870&fromList=Y) | C-DOT |

Mirror to SDS-2019-0582.

SDS-2019-0582 was NOTED  
SDS-2019-0582R01 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0583](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30889&fromList=Y) | [areaNwkType attribute type\_R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30889&fromList=Y) | C-DOT |

Mirror to SDS-2019-0582.

SDS-2019-0583 was NOTED  
SDS-2019-0583R01 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0563](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30736&fromList=Y) | [enum\_areaNwkType\_R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30736&fromList=Y) | C-DOT |

This CR aims to provide an enumeration for various possible values of areaNwkType attribute of <areaNwkInfo> resource. Presently, the value of areaNwkType can be any string whereas this CR aims to the bind value of this attribute to a specific set of values only.

This CR aims to close follow up action item ‘A-SDS-39-02’ related to SDS-2019-0050 on areaNwkInfo.

We can’t change TS-0004 without first changing TS-0001. In TS-0001, it is indicated the areaNwkType is an implementation-chosen string. So, it can’t be changed now in integer in TS-0004. Offline discussion needed.

Revision expected.

SDS-2019-0563 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0510](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30560&fromList=Y) | [TR-0060 v0.1.0 new baseline](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30560&fromList=Y) | TR-0060 Rapporteur |

SDS-2019-0510 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0509](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30559&fromList=Y) | [TR-0036 v0.4.0 new baseline](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30559&fromList=Y) | TR-0036 Rapporteur |

SDS-2019-0509 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0534](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30599&fromList=Y) | [ACP\_Group\_Validation(R2)](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30599&fromList=Y) | C-DOT |

The CR proposes to add validations for groupID in the *accessControlOriginators* of <*accessControlPolicy*> resource.

SDS-2019-0534 was NOTED  
SDS-2019-0534R01 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0564](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30737&fromList=Y) | [enum\_areaNwkType\_R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30737&fromList=Y) | C-DOT |

Mirror CR of SDS-2019-0563.

SDS-2019-0564 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0450](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30497&fromList=Y) | [missingData Validation](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30497&fromList=Y) | C-DOT |

This CR proposes to add a validation that check when *missingData* is provided by originator, subscribed-to-resource shall be <timeSeries> resource.

SDS-2019-0450 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0507](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30557&fromList=Y) | [missingData\_Validation-R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30557&fromList=Y) | C-DOT |

Mirror CR of SDS-2019-0450.

SDS-2019-0507 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0452](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30500&fromList=Y) | [TS-0004-Update-Optionality](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30500&fromList=Y) | C-DOT |

This CR proposes to change Update optionality in update request of following WO attributes as NP.

SDS-2019-0452 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0517](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30571&fromList=Y) | [TS-0004-Update\_optionality-R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30571&fromList=Y) | C-DOT |

Mirror CR of SDS-2019-0452

SDS-2019-0517 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0538](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30605&fromList=Y) | [MQTT server independently-located scenario](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30605&fromList=Y) | C-DOT |

Figure 5.2.2.2-1 shows a protocol segment view in which the MQTT server is located independently from the oneM2M nodes. In this scenario, all oneM2M nodes (ADN, ASN, MN, IN) include one or more MQTT clients and MQTT server exists independently, which means the server is located outside of the nodes.

But as highlighted in the contribution, the figure shows a MQTT server co-located with IN node, which shall only be located independently and doesn’t exist at any other node.

SDS-2019-0538 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0540](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30608&fromList=Y) | [MQTT\_server\_independently-located\_scenario\_R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30608&fromList=Y) | C-DOT |

Mirror CR of SDS-2019-0538.

SDS-2019-0540 was AGREED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0567](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30771&fromList=Y) | [TS-0001-TimeSeries](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30771&fromList=Y) | C-DOT |

This TS-0001 CR on TimeSeries proposes to send list of missing data points in notification rather than number of missing data points.

SDS-2019-0567 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0568](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30772&fromList=Y) | [TS-0001-TimeSeries-R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30772&fromList=Y) | C-DOT |

Mirror CR of SDS-2019-0567.

SDS-2019-0568 was NOTED

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0569](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30773&fromList=Y) | [TS-0001-TimeSeries-R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30773&fromList=Y) | C-DOT |

Mirror CR of SDS-2019-0567.

SDS-2019-0569 was NOTED

7 Planning for next Meetings

7.1 Next Conference Calls

Four (4) conference calls have been scheduled before SDS43. All conference calls will be held from 12:00 – 13:30 (UTC).

* 10 October
* 24 October
* 31 October
* 14 November

7.2 Face to Face Meetings

SDS43 – 2-6 December 2019 – Washington, DC (ATIS’ offices)

8 Any other business

None

9 Closure of meeting

The final SDS42 session was held on 27 September 2019.