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| MINUTES | |
| Meeting title: | SDS 47.1 |
| 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: | 5 November 2020 |
| 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 SDS47.2 meeting on 12 November 2020 at 12:02 (UTC). Participants were reminded to familiarize themselves with the participation notices.

1.2 Objectives

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

1.3 Attendees

The attendees, as captured by GoToMeeting were:

Cyrille Bareau (Orange), [cyrille.bareau@orange.com](mailto:cyrille.bareau@orange.com)

JaeSeung

Dale Seed, [dale.seed@interdigital.com](mailto:dale.seed@interdigital.com)

Marianne Mohali, [marianne.mohali@gmail.com](mailto:marianne.mohali@gmail.com)

Miguel Angel Reina Ortega, [miguelangel.reinaortega@etsi.org](mailto:miguelangel.reinaortega@etsi.org)

Peter NIblett (IBM), [peter\_niblett@uk.ibm.com](mailto:peter_niblett@uk.ibm.com)

Marianne Mohali, [marianne.mohali@gmail.com](mailto:marianne.mohali@gmail.com)

Andreas Kraft, [andreas.kraft@t-systems.com](mailto:andreas.kraft@t-systems.com)

Bob

Jörg Schneider (BNetzA)

Victoria Mitchell, [vmitchell@tiaonline.org](mailto:vmitchell@tiaonline.org)

2 Review & Approval of Agenda

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| --- | --- | --- |
| [SDS-2020-0315](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=32844&fromList=Y) | [Agenda\_SDS\_47\_2](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=32844&fromList=Y) | SDS Chair |

SDS-2020-0315 was AGREED

3 Review & Approval of Previous Minutes

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| [SDS-2020-0312](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=32835&fromList=Y) | [5Nov20\_SDS47.1\_Summary](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=32835&fromList=Y) | Victoria Mitchell, Secretariat |

SDS-2019-0312 was on approval by correspondence.

4 Action Item Status

Updates to the open action items are noted below:

| **Number** | **Action** | **Responsible** | **Status** |
| --- | --- | --- | --- |
| SDS-47-01 | update TS-0004 and remove the schema version numbers from the schema file names starting with version 4.3.0 | Peter | Peter has removed schema numbers from TS-0004 in latest baseline. |
| A-SDS-44.1-01 | Check the strategy with the flexContainer instance functionality and firm up the schema definitions versus the flexContainer  Once the schema strategy is firmed up need to revisit latest and oldest functionality of the flexContainer | Marianne | See SDS-2020-0303 |
| A-SDS-43-01 | For TS-0004, look to add a procedure to clarify when to return NOT\_IMPLEMENTED status code when a request for a unsupported resource type or parameter is received. | Convida |  |
| A-SDS-42-01 | As it relates to contribution SDS-2019-0475R01, look at implications of aggregated responses with respect to primitive profile | Dale |  |
| 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 | Need to check the data types in TS-0004 |
| 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 | Bob to check again and report back |
| 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  Bob & Peter will go through these contributions and report back |
| 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  Dale will contact C-DOT & ask them to look into this. Email was sent to C-DOT – awaiting response. |
| A-PRO-24.2-01 | Provide more information on SPARQL errors | Bob & SeungMyeong | Bob will look through the errors and try to resolve the issue |
| A-PRO-26-01 | Register CoAP codes with IANA | Peter & Laurent | At SDS44, Peter prepared a contribution which is still under discussion  SDS-2020-0065  Peter will check this contribution and allocate to future meeting |
| 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 | Discussed during SDS 47 and plan was firmed up. Contribution needed to make updates to TS-0008.  Way forward identified in an email from Peter – awaiting contribution. |
| 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 is related to TR-0038 which is the Developer Guide on Security.  Wei felt no updates are needed. Dale will confirm. |

5 Latest SDS Baselines

Updates to the latest baseline versions are noted below:

| **TS** | **Title** | **Rel-4** | **Rel-3** | **Rel-2** | **Rel-1** | **Rapporteur** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| TS-0001 | Functional Architecture | [4.7.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32573&fromList=Y) | [3.21.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32575&fromList=Y) | [2.28.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32574&fromList=Y) | [1.18.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=12297) | Weixiang (ZTE) | New baselines that incorporate SDS 47 CRs needed. |
| TS-0003 | Security Solutions | [4.3.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32564&fromList=Y) | [3.13.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32565&fromList=Y) | [2.16.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32566&fromList=Y) | [1.7.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=11339) | Wei (Datang) |  |
| TS-0004 | Core Protocol | [4.2.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32634&fromList=Y) | [3.18.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32616&fromList=Y) | [2.27.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32617&fromList=Y) | [1.13.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=2998) | Peter (IBM) | New baselines that incorporate SDS 47 CRs needed.  See SDS-2020-0313 |
| TS-0005 | Management Enablement (OMA) | [4.0.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30113&fromList=Y) | [3.5.1](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=21712) | [2.0.2](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=18459) | [1.4.1](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=4635) | Vacant |  |
| TS-0006 | Management Enablement (BBF) | [4.0.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30160&fromList=Y) | [3.6.2](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=19808) | [2.2.1](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=18611) | [1.1.4](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=4659) | Vacant |  |
| TS-0007 | Service Components | - | - | [2.0.2](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=5219) | - | - |  |
| TS-0008 | CoAP Binding | [4.0.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=31474) | [3.6.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32587&fromList=Y) | [2.10.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31084&fromList=Y) | [1.6.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=21632) | Dale (Convida) |  |
| TS-0009 | HTTP Binding | - | [3.5.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31202&fromList=Y) | [2.18.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31203&fromList=Y) | [1.10.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=13986) | SeungMyeong (KETI) | New R3 baseline that includes SDS46 CRs needed. |
| TS-0010 | MQTT Binding | - | [3.1.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32184&fromList=Y) | [2.10.0](TS-0010) | [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) | New baselines that incorporate SDS 47 CRs needed. |
| 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 | [4.1.1](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31061&fromList=Y) | [3.0.2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31062&fromList=Y) | [2.4.1](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31063&fromList=Y) | - | C-DOT |  |
| TS-0024 | OCF Interworking | - | [3.2.2](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=27971) | [2.0.2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=26336&fromList=Y) | - | Josef (Qualcomm) |  |
| TS-0026 | 3GPP Interworking | [4.5.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32185&fromList=Y) | [3.5.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32186&fromList=Y) | - | - | Kenichi (KDDI) |  |
| 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 | [4.2.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=30054) | [3.0.2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30169&fromList=Y) | - | - | CG (Convida) |  |
| TS-0035 | OSGi Interworking | - | [3.0.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=23506) | - | - | Jason (Huawei) |  |
| TS-0040 | Modbus Interworking | [0.1.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32500&fromList=Y) | - | - | - | JaeSeung (KETI) |  |

Updates to the XSDs are noted below:

| **XSD Type** | **Git Repo** | **Rel-4** | **Rel-3** | **Rel-2** | **Rel-1** | **Rapporteur** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| TS-0004 | [link](https://git.onem2m.org/PRO/XSD) | - | [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) | Peter | New R2, R3 baselines that incorporate updates for SDS47 CRs needed  New R4 baselines needed that incorporate updates for SDS40 - SDS47 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) | - | TBD | Compatible with CDT schemas v2.16.0  New R2, R3 and R4 baselines needed that incorporate latest TS-0022 |
| TS-0032 (MEF/MAF) | [link](https://git.onem2m.org/SEC/MAF-MEF/tree/master) | - | - | [v2.1.0](https://git.onem2m.org/SEC/MAF-MEF/tree/master/v2_1_0) | - | TBD | Compatible with CDT schemas v2.16.0  New R2, R3 and R4 baselines needed that incorporate latest TS-0032 |
| TS-0023 (SDT based Information Model and Mapping for Vertical Industries) | [link](https://git.onem2m.org/MAS/Home-Appliances) | - | [V3.7.0](https://git.onem2m.org/MAS/Home-Appliances/tree/master/3.7.0) | - | - | Andreas | FlexContainer specializations based on SDT mapping rules |
| TS-0005 (OMA) | [link](https://git.onem2m.org/MAS/OMA-DM) | - | [v3.0.0](https://git.onem2m.org/MAS/OMA-DM/tree/master/Rel-3) | [v2.0.0](https://git.onem2m.org/MAS/OMA-DM/tree/master/Rel-2) | - | TBD | Device Description Framework (DDF) of Management Objects defined in oneM2M TS-0005  Not clear what is needed. |

Updates to the TRs are noted below:

| **TR** | **Title** | **Rel-5** | **Rel-4** | **Rel-3** | **Rel-2** | **Rel-1** | **Rapporteur** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TR-0024 | 3GPP Interworking |  | [4.3.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=30063) | [3.0.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=29765&fromList=Y) | [2.4.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=13085) | - | Weixiang (ZTE) |  |
| TR-0033 | Enhanced Semantic Enablement |  | [4.5.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31093&fromList=Y) | [3.0.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=19525) | - | - | Xu (Convida) |  |
| TR-0036 | Smart City |  | - | [0.4.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31042&fromList=Y) | - | - | SeungMyeong (KETI) |  |
| TR-0041 | Decentralized Authentication |  | - | [0.4.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=26293&fromList=Y) | - | - | 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 |  | - | [0.6.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31631&fromList=Y) | - | - | Yuan Tao (CNIC) |  |
| TR-0046 | Disaster Alert Service Enabler |  | - | [0.0.1](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=21832&fromList=Y) | - | - | SeungMyeong (KETI) |  |
| TR-0050 | Attribute Based Access Control |  | [0.13.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=26548) | - | - | - | Wei (Datang) |  |
| TR-0052 | Edge and Fog Study |  | [0.13.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32551&fromList=Y) | - | - | - | Kenichi (KDDI) |  |
| TR-0053 | Lightweight oneM2M Services |  | [0.6.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31776&fromList=Y) | - | - | - | Dale (Convida) |  |
| TR-0054 | Service Subscribers and Users |  | [0.8.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32207&fromList=Y) | - | - | - | Dale (Convida) |  |
| TR-0055 | 3GPP V2X Interworking |  | [0.5.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=26533) | - | - | - | Echo (Huawei) |  |
| TR-0056 | Differences of Rel-2A & Rel-3 |  | [0.2.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=29075&fromList=Y) | - | - | - | Kei (NTT) |  |
| TR-0057 | Getting started with oneM2M |  | [0.3.0](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 |  | [0.2.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=31043) | - | - | - | SeungMyeong (KETI) |  |
| TR-0062 | oneM2M System Enhancement to Support Privacy Data Protection Regulations | [0.2.0](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32569&fromList=Y) | - | - | - | - | JaeSeung (KETI) | New baselines that incorporate SDS 47 CRs needed. |
| TR-0063 | Effective IoT Communication to Protect 3GPP Networks | [0.0.1](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31370&fromList=Y) | - | - | - | - | Bob Flynn (Convida) |  |
| TR-0064 | ZigBee Interworking | [0.1.0](https://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=31685) | - | - | - | - | JaeSeung (KETI) |  |
| TR-0065 | SensorThings API Interworking | [0.0.1](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32023&fromList=Y) | - | - | - | - | Andreas Neubacher (DT) |  |
| TR-0066 | System Enhancement to Support Data License Management | 0.0.1 | - | - | - | - | JaeSeung (KETI) |  |

6 Contributions

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

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| [SDS-2020-0303R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=32838&fromList=Y) | [TS-0004\_XSD\_for\_flexContainerInstance\_Rel4](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=32838&fromList=Y) | Orange |

This CR updates the XSD schemas to include the <flexContainerInstance> resource introduced in release 4 of TS-0001 and TS-0004.

SDS-2020-0303R01 was AGREED

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| [SDS-2020-0313](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=32842&fromList=Y) | [TS-0004 v3.19.0 baseline](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=32842&fromList=Y) | IBM |

Will be uploaded to the WPM.

SDS-2020-0313 was AGREED

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| --- | --- | --- |
| [SDS-2020-0305R01](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=32784&fromList=Y) | [Adding dataGenerationTime attribute to flexContainer in TS-0001](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=32784&fromList=Y) | Andreas Kraft (Deutsche Telekom), Andreas Neubacher (Deutsche Telekom), Cyrille Bareau (Orange), Marianne Mohali (Orange) |

This change request proposes to add a new attribute “dataGenerationTime” to the <flexContainer> resource type. This attribute has already been specified in TS-0023 and is used to hold the original date and time when specific data has been generated or modified. After discussions I was decided that this attribute would be very useful to have as a resource specific attribute instead of special custom attribute only defined in TS-0023.

This is the 1st CR for R5 for TS-0001.

SDS-2020-0305R01 was AGREED

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| [SDS-2020-0309](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=32780&fromList=Y) | [Adding missing URL encodings for parent and child attributes to TS-0009 (R2)](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=32780&fromList=Y) | Andreas Kraft (Deutsche Telekom), Andreas Neubacher (Deutsche Telekom) |

Adding missing URL encodings for parent and child attributes to TS-0009 (R2).

This is a mirror contribution to SDS-2020-0270.

A mirror for R4 is needed. Final agreement will be sought once the R4 mirror is available.

SDS-2020-0309 was (tentatively) AGREED

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| --- | --- | --- |
| [SDS-2020-0270](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32596&fromList=Y) | [Adding missing URL encodings for parent and child attributes to TS-0009](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=32596&fromList=Y) | Andreas Kraft (Deutsche Telekom), Andreas Neubacher (Deutsche Telekom) |

Adding missing URL encodings for parent and child attributes to TS-0009 (R3).

A mirror for R4 is needed. Final agreement will be sought once the R4 mirror is available.

SDS-2020-0270 was (tentatively) AGREED

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| --- | --- | --- |
| [SDS-2020-0314](https://member.onem2m.org/Application/documentApp/documentinfo/?documentId=32843&fromList=Y) | [TS-0004 v4.3.0 baseline](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=32843&fromList=Y) | IBM |

This contribution was presented and discussed but wasn’t available on the Portal.

7 Planning for next Meetings

7.1 Conference Calls Schedule

|  |  |  |
| --- | --- | --- |
| **Meeting** | **Date** | **Time (UTC)** |
| ~~SDS47.1~~ | ~~11/5~~ | ~~12:00 – 13:30~~ |
| ~~SDS47.2~~ | ~~11/12~~ | ~~12:00 – 13:30~~ |
| SDS47.3 | 11/19 | 12:00 – 13:30 |

7.2 SDS48 Virtual Meetings (Tentative)

|  |  |  |
| --- | --- | --- |
| **Meeting** | **Date** | **Time (UTC)** |
| SDS48 | 12/1 | 12:00 – 15:00 |
| SDS48 | 12/3 | 12:00 – 15:00 |
| SDS48 | 12/7 | 12:00 – 15:00 |
| SDS48 | 12/9 | 12:00 – 15:00 |
| SDS48 | 12/14 | 12:00 – 15:00 |
| SDS48 | 12/16 | 12:00 – 15:00 |

7.3 Face to Face Meetings

TBD

8 Any other business

Andreas has begun entering issues in the GitLab issue tracker. We may want to think about finding a way to track the status. Some of the SDS action items could be considered “issues” and moved from the SDS agenda to the issues tracker. What “types/categories” of issues are intended to be housed in the tracker (e.g., bugs, enhancements, etc.)? Will be helpful to filter on the issues, by group, as the other WGs start to use this, too.

9 Closure of meeting

SDS47.2 ended at 13:17 (UTC).