|  |
| --- |
| MINUTES |
| Meeting title: | SDS 43.1 |
| Chair: | Dale Seed, Convida Wireless, dale.seed@interdigital.com  |
| Vice-Chairs: | SeungMyeong Jeong, KETI, sm.jeong@keti.re.kr Wei Zhou, Datang, zhouwei@catt.cn Peter Niblett, IBM, peter\_niblett@uk.ibm.com |
| Secretary: | Victoria Mitchell, TIA, vmitchell@tiaonline.org   |
| Meeting Date: | 9 January 2020 |
| Intended purpose ofdocument: | [x]  Decision[ ]  Discussion[ ]  Information[ ]  Other <specify> |

oneM2M Notice

The document to which this cover statement is attached is submitted to oneM2M. Participation in, or attendance at, any activity of oneM2M, constitutes acceptance of and agreement to be bound by terms of the Working Procedures and the Partnership Agreement, including the Intellectual Property Rights (IPR) Principles Governing oneM2M Work found in Annex 1 of the Partnership Agreement.

1 Opening of the meeting

1.1 Welcome

Dale Seed, Chair, opened the SDS43.1 meeting on 9 January 2020 at 13:03 (UTC).

1.2 Objectives

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

1.3 Attendees

The attendees, as captured by GoToMeeting were:

Andreas Kraft

Bob Flynn

Chengsui Lu, cslu@hitachi.cn

Colin Blanchard, colin.blanchard@bt.com

Dale Seed, SeedDN@InterDigital.com

Enrico Scarrone, enrico.scarrone@telecomitalia.it

Jörg Schneider,

Kenichi Yamamoto, kc-yamamoto@kddi.com

Leila Le Brun (Orange),

Marianne Mohali (Orange), marianne.mohali@orange.com

Max Zhang, zhangqiancto@boe.com.cn

Peter NIblett, peter\_niblett@uk.ibm.com

Wei Zhou,

Victoria Mitchell, vmitchell@tiaonline.org

2 Review & Approval of Agenda

|  |  |  |
| --- | --- | --- |
| [SDS-2020-0001R02](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31421&fromList=Y) | [Agenda\_SDS\_43\_1](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31421&fromList=Y) | SDS Chair |

SDS-2020-0001R02 was AGREED

3 Review & Approval of Previous Minutes

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0674](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31360&fromList=Y) | [Minutes SDS43](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31360&fromList=Y) | Karen Hughes, Peter Kim, Laurent Velez & Katie Bagwill |

SDS-2019-0674 was previously AGREED by correspondence.

4 Action Item Status

Updates to the latest baseline versions are noted below:

| **Number** | **Action** | **Responsible** | **Status** |
| --- | --- | --- | --- |
| 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 | 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 | Wei |  |
| 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 |  |
| 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-2019-0344SDS-2019-0302SDS-2019-0186Need 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’ | SeungMyeong & 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-SEC-33-02  | Open issues found in TST-0010:Deriving nodeID from <serviceSubscribedAppRule>Define credential-IDs for certificatesUse 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/TST session is held. |
| A-SEC-33-03 | Check whether AE impersonation prevention could also apply to CSE | Dale & SeungMyeong | SDS-2019-0274 At SDS 43 SeungMyeong said he would follow up on this and report back |

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 | [4.3.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31068&fromList=Y) | [3.18.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31069&fromList=Y) | [2.26.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31070&fromList=Y) | [1.18.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=12297) | Weixiang (ZTE) | New Rel-3 and Rel-4 baselines that include SDS 43 CRs have been uploaded for review.  |
| 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) | New Rel-3 baseline that includes SDS 43 CRs has been uploaded for review. Rel-4 baseline needed that includes SDS 43 CRs |
| TS-0004 | Core Protocol | - | [3.14.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31051&fromList=Y) | [2.24.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31050&fromList=Y) | [1.13.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=2998) | Peter (IBM) | New Rel-2 and Rel-3 baselines that include SDS 43 CRs have been uploaded for review. |
| 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 | - | [3.5.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31085&fromList=Y) | [2.10.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31084&fromList=Y) | [1.6.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=21632) | Dale (Convida) | New Rel-4 baseline needed that includes SDS 43 CR |
| 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 Rel-4 baseline needed that includes SDS 43 CR |
| 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) | New baselines needed to integrate SDS 42 CR Packs |
| 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 | [4.1.1](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 | [4.3.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31228&fromList=Y) | [3.2.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=18728) | - | - | 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 | [4.1.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31094&fromList=Y) | [3.0.2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30169&fromList=Y) | - | - | CG (Convida) | New Rel-4 baseline that includes SDS 43 CRs has been uploaded for review.  |
| TS-0035 | OSGi Interworking | - | [3.0.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=23506) | - | - | Jason (Huawei) |  |

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) | Wolfgang | New R2 & R3 baselines that incorporate updates for TP40, TP41 and TP42 CRs for TS-0004 is needed |
| TS-0022 (Field Device) | [link](https://git.onem2m.org/MAS/FDC/tree/master) | - | [v3.0.0](https://git.onem2m.org/MAS/FDC/tree/master/v3_0_0) | [v2.3.0](https://git.onem2m.org/MAS/FDC/tree/master/v2_3_0) | - | Wolfgang | Compatible with CDT schemas v2.16.0New 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 v2.16.0New 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-0005Not clear what is needed  |
| TS-0006 (BBF) | [link](https://git.onem2m.org/MAS/TR69Model) | - | - | - | - | Laurent | TR-069 Data model oneM2M TR-181i2 Data Model DefinitionNot 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 |  | [4.2.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=30667&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) |  |
| 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 |  | - | [0.5.0](http://member.onem2m.org/Application/documentapp/downloadLatestRevision/?docId=21344) | - | - | Yuan Tao (CNIC) | New baseline that incorporates TP41 CRs neededCNIC hasn’t participated since SDS41. The Chair will reach out to the Rapporteur. |
| 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 |  | [0.11.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31082&fromList=Y) | - | - | - | Wei (Datang) | New baseline that includes SDS 43 CRs uploaded for review |
| TR-0052 | Edge and Fog Study |  | [0.9.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31122&fromList=Y) | - | - | - | Kenichi (KDDI) | New baseline that includes SDS 43 CRs uploaded for review |
| TR-0053 | Lightweight oneM2M Services |  | [0.5.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31086&fromList=Y) | - | - | - | Dale (Convida) | New baseline needed to integrate SDS 43 CRs |
| TR-0054 | Service Subscribers and Users |  | [0.7.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31087&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 |  | [0.1.0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31043&fromList=Y) | - | - | - | SeungMyeong (KETI) | New baseline needed to integrate SDS 43 CRs |
| TR-0062 | oneM2M System Enhancement to Support Privacy Data Protection Regulations | [0.0.1](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31188&fromList=Y) | - | - | - | - | JaeSeung (KETI) |  |
| TR-0063 | Effective IoT Communication to Protect 3GPP Networks | [0.0.1](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31370&fromList=Y) | - | - | - | - | Bob Flynn (Convida) |  |

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)*.*

The Chair noted that the group request identifier contributions are still open from the SDS42 meeting. A revision of TS-0001 is needed prior to them being discussed.

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0675](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31375&fromList=Y) | [TS-0001-Functional\_Architecture-V3\_19\_0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31375&fromList=Y) | ZTE Corporation |

SDS-2019-0675 was placed on a 7-day electronic review.

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0676](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31376&fromList=Y) | [TS-0001-Functional\_Architecture-V4\_4\_0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31376&fromList=Y) | ZTE Corporation |

One of the contributions incorporated into this baseline has been updated. That update will be submitted as a CR and will not affect SDS-2019-0676.

SDS-2019-0676 was placed on a 7-day electronic review.

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0677](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31386&fromList=Y) | [TR-0050-Attribute\_Based\_Access\_Control\_Policy-V0\_12\_0DRAFT](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31386&fromList=Y) | CICT |

Includes agreed CRs from SDS42 and SDS43.

**SDS-2019-0677 was AGREED**

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0678](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31393&fromList=Y) | [TS-0003-Security\_Solutions-V3\_11\_0DRAFT](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31393&fromList=Y) | CICT |

R4 of TS-0003 will be brought into the SDS43.2 meeting.

**SDS-2019-0678 was AGREED**

|  |  |  |
| --- | --- | --- |
| [SDS-2020-0005](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31418&fromList=Y) | [TR-0052-Study\_on\_Edge\_and\_Fog\_Computing\_V0\_10\_0\_Baseline](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31418&fromList=Y) | KDDI, Convida |

**SDS-2020-0005 was AGREED**

|  |  |  |
| --- | --- | --- |
| [SDS-2020-0004R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31424&fromList=Y) | [TS-0034\_v4\_2\_0](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31424&fromList=Y) | Convida Wireless |

**SDS-2020-0004 was NOTED
SDS-2020-0004R01 was AGREED**

|  |  |  |
| --- | --- | --- |
| [SDS-2020-0003](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31416&fromList=Y) | [TS-0004 v3.15.0 baseline](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31416&fromList=Y) | IBM |

All agreed R4 contributions affecting TS-0004 will be collated and an R4 version of TS-0004 will be created.

**SDS-2019-0003 was AGREED**

|  |  |  |
| --- | --- | --- |
| [SDS-2020-0002](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31415&fromList=Y) | [TS-0004 v2.25.0 baseline](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31415&fromList=Y) | IBM |

**SDS-2019-0002 was AGREED**

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0629R04](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31400&fromList=Y) | [flexContainerInstance](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31400&fromList=Y) | Orange |

Additional discussions will occur, and a new contribution will be provided.

**SDS-2019-0629R04 was NOTED**

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0630R04](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31412&fromList=Y) | [flexContainerInstance](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31412&fromList=Y) | Orange |

Additional discussions will occur, and a new contribution will be provided.

**SDS-2019-0630R04 was NOTED**

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0667R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31305&fromList=Y) | [TS-0004\_missingDataList\_shortname\_R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31305&fromList=Y) | Miguel Angel Reina Ortega, ETSI |

**SDS-2019-0667R01 was AGREED**

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0669](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31306&fromList=Y) | [TS-0004\_missingDataList\_shortname\_R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31306&fromList=Y) | Miguel Angel Reina Ortega, ETSI |

**SDS-2019-0669 was AGREED**

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0668R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31307&fromList=Y) | [TS-0001\_contentInstanceAnnc\_expirationTime\_R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31307&fromList=Y) | Miguel Angel Reina Ortega, ETSI |

**SDS-2019-0668R01 was NOTED**

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0670](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31308&fromList=Y) | [TS-0001\_contentInstanceAnnc\_expirationTime\_R2](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31308&fromList=Y) | Miguel Angel Reina Ortega, ETSI |

**SDS-2019-0670 was NOTED**

|  |  |  |
| --- | --- | --- |
| [SDS-2019-0671](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31309&fromList=Y) | [TS-0001\_contentInstanceAnnc\_expirationTime\_R4](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=31309&fromList=Y) | Miguel Angel Reina Ortega, ETSI |

**SDS-2019-0671was NOTED**

7 Planning for next Meetings

7.1 Conference Calls Schedule

|  |  |  |
| --- | --- | --- |
| **Meeting** | **Date** | **Time (UTC)** |
| SDS43.1 | 1/9 | 12:00-13:30 |
| SDS43.2 | 1/16 | 12:00-13:30 |
| SDS43.3 | 1/30 | 12:00-13:30 |
| SDS43.4 | 2/6 | 12:00-13:30 |

7.2 Face to Face Meetings

SDS44 – 17-21 February 2020 – San Diego, CA (Qualcomm’s Offices)

8 Any other business

None

9 Closure of meeting

SDS43.1 ended at 13:34 (UTC).