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| MINUTES | |
| Meeting title: | SDS 48.1 |
| (Acting) 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: | Laurent Velez, ETSI, [Laurent.velez@etsi.org](mailto:Laurent.velez@etsi.org) |
| Meeting Date: | 13 January 2021 |
| 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 of the SDS WG, opened the call and drew the participants’ attention to the oneM2M notice on the cover page of the agenda.

1.2 Objectives

* Progress Rel-4 Stage 3
* Rel-5 TRs (Time Permitting)

2 Review & Approval of Agenda

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| [SDS-2021-0008](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33109&fromList=Y) | [Agenda\_SDS\_48\_1](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33109&fromList=Y) | SDS Chair |

Presented by Dale

[SDS-2021-0008](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33109&fromList=Y) was AGREED

3 Review of Previous Minutes

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| [SDS-2020-0382](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33030&fromList=Y) | [Minutes SDS48](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33030&fromList=Y) | Secretariat |

[SDS-2020-0382](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33030&fromList=Y) was AGREED by Correspondence.

4 Review of open Action and Issue Status

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| **Number** | **Action** | **Responsible** | **Status** |
| 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 | Schema strategy has been firmed up now.  Are there any lingering questions/issues with latest and oldest functionality?  Update: not sure if still need to do anything. . Check with Peter before closing this Action item |
| 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 | Convida |  |
| 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 | Three contributions were submitted to close this action.  SDS-2020-354 (agreed)  SDS-2020-357R01 (draft)  SDS-2020-360 (agreed)  Update: completed .To be closed |
| 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 | Convida |  |
| 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. |
| A-PRO-33-01 | Raise CR to add procedure for *networkCoordinated* attribute | Bob | Bob confirmed that this has been addressed and this action has been closed |
| 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  1) Replace the text that says that senders "SHALL use Confirmable" with a "SHOULD use Confirmable" (or whatever our equivalent of RFC 2119 SHOULD is)  2) Add text to explain that you should only use Non-Confirmable if there's a particular reason for doing so, and suggest that you shouldn't do it if your originator is relying on a response  3) Change the text and figures that are assuming Non-confirmable  (or add a comment to say that they only show the case where confirmable is being used) and clarify that incoming non-confirmable messages are to be processed by the TS-0004 level oneM2M code. |
| 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. Discussed in SDS47 and decision was made to close this action item. If TDE feels enhancements are needed, contributions should be submitted to SDS targeting specific proposed enhancements.  Update: To be closed . further work to be done in TDE |
| 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-24.2-01 | Provide more information on SPARQL errors | Bob & SeungMyeong | Bob will look through the errors and try to resolve the issue |

5 Contributions

5.1 Baseline

Review of the baselines, in particular there are some vacant positions for rapporteur. ZTE has announced they will not be able to be rapporteur of the TS-0001 and TR-0034.

Thanks to Marianne who is volunteer to take the rapporteur role of the TS-0001.

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| [SDS-2021-0006](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33107&fromList=Y) | [TS-0001 v4.9.0 baseline](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33107&fromList=Y) | SDS Chair |

It is decided to start a one-week agreement by correspondence.

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| [SDS-2020-0383](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33072&fromList=Y) | [TS-0026-3GPP\_interworking-V4\_6\_0\_baseline](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33072&fromList=Y) | KDDI |

It is decided to start a one-week agreement by correspondence.

5.2 TS-0001 Contributions

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| [SDS-2020-0385](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33076&fromList=Y) | [TS-0001\_Replace\_CSEBase\_resource\_name\_shortcut\_for\_R4](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33076&fromList=Y) | Miguel Angel Reina Ortega, ETSI |

Presented by Miguel

The contribution proposes a correction for usage of CSEBase resource name shortcut in examples in Table 7.2-1

The issues were reported on our external oneM2M github issue tracker.

Comment:

* These errors are present in the specifications of release 3 and 4 , but not in release 2, at least from V2.26 ( it was in V2.24)
* We need to ensure that the latest V2.28 has no such issue.
* It is asked Miguel to make a revision with more description in the introduction to reflect the context.

Revision expected

[**SDS-2020-0385**](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33076&fromList=Y) **was NOTED**

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| [SDS-2020-0384](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33076&fromList=Y) | [TS-0001\_Replace\_CSEBase\_resource\_name\_shortcut\_for\_R4](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33076&fromList=Y) | Miguel Angel Reina Ortega, ETSI |

Presented by Miguel

Mirror CR of [SDS-2020-0385](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33076&fromList=Y)

Revision expected

[**SDS-2020-0384**](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33076&fromList=Y) **was NOTED**

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| [SDS-2020-0344R02](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33028&fromList=Y) | [TS-0001\_CSEBase\_resource\_update\_R3](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33028&fromList=Y) | Miguel Angel Reina Ortega, ETSI |

Presented by Miguel

The contribution propose to update CSEBase resource in order to include expirationTime as an announceable attribute.

This R02 revision takes into account the comments received at SDS48

Comment:

* The changes are proposed to be made in Rel 3 and 4 , not Rel 2 because this feature is not tested in the conformance testing used for certification. This should be explained in the CR. It is proposed to make a revision with a more detailed introduction.

[**SDS-2020-0344R02**](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33028&fromList=Y) **was NOTED**

[**SDS-2020-0344R03**](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33028&fromList=Y) **was AGREED**

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| [SDS-2020-0381](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33029&fromList=Y) | [TS-0001\_CSEBase\_resource\_update\_R4](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33029&fromList=Y) | Miguel Angel Reina Ortega, ETSI |

Presented by Miguel

Mirror R4 CR of [SDS-2020-0344R02](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33028&fromList=Y)

[**SDS-2020-0381**](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33029&fromList=Y) **was NOTED**

[**SDS-2020-0381**](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33029&fromList=Y)**R01 was AGREED**

5.3 TS-0004 Contributions

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| [SDS-2020-0327R02](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33031&fromList=Y) | [TS-0004\_AnnouncementUpdate\_R3](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33031&fromList=Y) | Andreas Kraft, DT; Bob Flynn, Chordant; Miguel Angel Reina Ortega, ETSI |

Presented by Miguel

This TS-0004 contribution is associated to the TS-0001 contribution [SDS-2020-0344R02](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33028&fromList=Y)

Comment:

* Peter provided several comments, with some specific cases that need to be addressed.

Revision expected

[**SDS-2020-0327R02**](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33031&fromList=Y) **was NOTED**

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| [SDS-2020-0343R02](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33032&fromList=Y) | [TS-0004\_AnnouncementUpdate\_R4](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33032&fromList=Y) | Andreas Kraft, DT; Bob Flynn, Chordant; Miguel Angel Reina Ortega, ETSI |

Presented by Miguel

Mirror R4 CR of [SDS-2020-0327R02](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33031&fromList=Y).

Revision expected

[**SDS-2020-0343R02**](https://member.onem2m.org:443/Application/documentApp/documentinfo/?documentId=33032&fromList=Y) **was NOTED**

6 Planning for next Meetings

6.1 Virtual Meetings

* SDS49 Virtual Meetings : TBD

7 Any other business

None

8 Closure of meeting

Dale thanked the delegates for their participation and closed the meeting.