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| --- |
| CHANGE REQUEST |
| Meeting ID:\* |  |
| Source:\* |  |
| Date:\* |  |
| Reason for Change/s:\* |  |
| CR against: Release\* |  |
| CR against: WI\* | [x]  Active <WI-0120> [ ]  MNT maintenance / < Work Item number(optional)>Is this a mirror CR? Yes [ ]  No [x] mirror CR number: [ ]  STE Small Technical Enhancements / < Work Item number (optional)>Only ONE of the above shall be ticked |
| CR against: TS/TR\* |  |
| Clauses \* |  |
| Type of change: \* | [ ]  Editorial change[x]  Bug Fix or Correction[ ]  Change to existing feature or functionality[ ]  New feature or functionalityOnly ONE of the above shall be ticked |
| Other TS/TR(s) impacted | None |
| Post Freeze checking:\* | This CR contains only essential changes and corrections? YES [x]  NO [ ] This CR may break backwards compatibility with the last approved version of the TS? YES [ ]  NO [ ]  |
| Template Version: January 2019 (do not modify) |

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GUIDELINES for Change Requests:

Provide an informative introduction containing the problem(s) being solved, and a summary list of proposals.

Each CR should contain changes related to only one particular issue/problem.

In case of a correction, and the change apply to previous releases, a separate “mirror CR” should be posted at the same time of this CR

Mirror CR: applies only when the text, including clause numbering are exactly the same.

Companion CR: applies when the change means the same but the baselines differ in some way (e.g. clause number).

Follow the principle of completeness, where all changes related to the issue or problem within a deliverable are simultaneously proposed to be made E.g. A change impacting 5 tables should not only include a proposal to change only 3 tables. Includes any changes to references, definitions, and acronyms in the same deliverable.

Follow the drafting rules.

All pictures must be editable.

Check spelling and grammar to the extent practicable.

Use Change bars for modifications.

The change should include the current and surrounding clauses to clearly show where a change is located and to provide technical context of the proposed change. Additions of complete clauses need not show surrounding clauses as long as the proposed clause number clearly shows where the new clause is proposed to be located.

Multiple changes in a single CR shall be clearly separated by horizontal lines with embedded text such as, start of change 1, end of change 1, start of new clause, end of new clause.

When subsequent changes are made to content of a CR, then the accepted version should not show changes over changes. The accepted version of the CR should only show changes relative to the baseline approved text.

## Introduction

Updates the WI to include a ESTIMED deliverable (temporary TR). Adds additional services: swarm computing and federate learning services.

<https://git.onem2m.org/specifications/wi/wi-0120/-/merge_requests/1>

<https://git.onem2m.org/specifications/wi/wi-0120/-/merge_requests/1/diffs?commit_id=b9fa568672f533bcd6e7b316a41ea9cf8188593d>

 ========= Comment provided by Bob Flynn at 2025-06-26T14:31:03.238Z: =========

During the WI update review we added the name to the new TR as TR-0080.

Also the name of the new TR has to be shortened.

## --------------------- Start of change 1 ---------------------

---a/WI-0120-Edge\_Deployment\_using\_ETSI\_MEC.md
+++b/WI-0120-Edge\_Deployment\_using\_ETSI\_MEC.md

@@ -62,10 +62,11 @@ The scope of this work item is to enable interworking between oneM2M Service Lay

62 62 - Identify what aspects of ETSI MEC API can be used from a oneM2M CSE.

63 63 - Identify how to deploy oneM2M to take advantage of MEC features and benefits. The figure below demonstrates some deployment options that will be considered.

64 64

65 - ![~~CAPTION~~](media/image1.png)

 65 + ![Deployment Options for oneM2M and ETSI MEC](media/image1.png)

66 66

67 - <mark>missing caption</mark>

68 67

 68 + - Define how to use oneM2M with ETSI MEC to implement features that enable Swarm computing as a core enabler for decentralized intelligence, where multiple oneM2M AEâs/MN-CSEâs collaborate autonomously to perform distributed tasks, adapting dynamically to topology and resource change.

 69 + - Define how to use oneM2M with ETSI MEC to implement features that support federate learning orchestration, e.g. training privacy preserving models, deployment of machine learning models target for cloud, edge, and IoT devices

69 70

70 71 # 6 Schedule and impacted specifications

71 72

@@ -74,9 +75,10 @@ Provide the schedule of tasks to be performed;

74 75

75 76 | Document<br />Type | Document<br />Number\\* | Title | Schedule (TP No.)<br />Start | Schedule (TP No.)<br />Change Control | Schedule (TP No.)<br />Freeze | Schedule (TP No.)<br />Approval | Lead WG | Impacted WGs | Comments |

76 77 |-|-|-|-|-|-|-|-|-|-|

77 - |TR |TR-00xx |oneM2M and MEC integration scenario and mechanisms |TP#66 |75 |76 |77 |WG2 | |

 78 + |TR |TR-0077 |oneM2M and MEC integration scenario and mechanisms |TP#66 |75 |76 |77 |WG2 | |

78 79 |TS |TS-00xx |oneM2M and MEC interworking and deployments |TP#66 |75 |76 |77 |WG2 | |

79 80 |TR |TR-00xx |Developer Guide: oneM2M and MEC deployment |TP#68 |73 |74 |75 |WG4 | |

 81 + |TR |TR-0080 |Use cases for oneM2M and MEC deployment scenarios and services |TP#70 |71 |71 |71 |WG2 | |

80 82

81 83 \* The first versions will be assigned by the secretariat (WPM Secretary)

82 84

@@ -86,6 +88,7 @@ Provide the schedule of tasks to be performed;

86 88 |TS |TS-0001 |Functional Architecture |TP#77 |WG2 | |

87 89 |TS |TS-0004 |Service Layer Core Protocol |TP#77 |WG2 | |

88 90 |TS |TS-0018 |Test and conformance |TP#77 |WG4 | |

 91 + |TS |TS-0002 |Requirements |TP#72 |WG2 | |

89 92

90 93

91 94 # 7 Work Item Rapporteur(s)

@@ -106,7 +109,7 @@ Bob Flynn, Exacta GSS, bob.flynn@exactagss.com

106 109 | |2024-04-27 |Uploaded as a permanent document following agreement of |

107 110 | | |TP-2024-0035R02 |

108 111 +-------+----------------+------------------------------------------------------------+

109 - | | | |

 112 + | |2025-06-27 |Added temporary TR-00xx to capture initial STF 685 use cases|

110 113 +-------+----------------+------------------------------------------------------------+

111 114 | | | |

112 115 +-------+----------------+------------------------------------------------------------+

----------------------- End of change 1 -----------------------