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| Work Item |
| Work Item Title: | Conformance Test Maintenance |
| Document Number | WI-0108 |
| Supporting Members or Partner type 2 | Exacta, Deutsche Telekom, C-DOT, Hansung University |
| Date: | 2023-07-03 |
| Abstract: | This WI defines conformance test for oneM2M. |
| Template Version:23 February 2015 (Do not modify) |

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1 Title (Acronym)

Conformance Test Maintenance

2 Justification

Conformance test is needed to test if the implementation complies with the defined oneM2M specifications. The proposed WI is to maintain the specifications for conformance test from different releases.

3 Intended Output

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| Tick all the appropriate cases  |  |
| √ | Change request(s) to existing Technical Specification(s) |
|  | Change request(s) to existing Technical Reports(s) |
|  | New Normative Technical Specifications(s) |
|  | New Permanent Technical Reports(s) |
|  | New Temporary Technical Reports(s) |

4 Impact

None

5 Scope

The scope of the WI includes verification, correction and completion of the following specifications:

TS-0017 – Implementation Conformance Statements

- Check list for the ICS.

TS-0018 – Test Suite Structure and Test Purposes

- Organize the functions and features need to be tested into test suites.

- Specify test purposes and test descriptions for conformance test.

- Define test cases.

TS-0019– Abstract Test Suite and Implementation eXtra Information for Test

- Definition of the Abstract Protocol Tester (APT)

- Definition of TTCN-3 test architecture

- Development of TTCN-3 test suite, e.g. naming conventions, code documentation, test case structure.

- IXIT proforma;

6 Schedule and impacted specifications

Provide the schedule of tasks to be performed;

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| New Specifications (if any) |
| DocumentType | DocumentNumber\* | Title | Schedule (TP No.) | Lead WG | Impacted WGs | Comments |
| Start  | Change Control  | Freeze | Approval |
| TS | 0017 | Implementation Conformance Statements | TP53 | TP55 | TP56 | TP62 | WG3 | None | Rapporteur: Siddharth Trikha |
| TS | 0018 | Test Suite Structure and Test Purposes | TP53 | TP55 | TP56 | TP62 | WG3 | None | Rapporteur: Siddharth Trikha |
| TS | 0019 | Abstract Test Suite and Implementation eXtra Information for Test | TP53 | TP55 | TP56 | TP62 | WG3 | None | Rapporteur: Miguel Angel Reina Ortega |

7 Work Item Rapporteur(s)

Siddharth Trikha (C-DOT), Miguel Angel REINA ORTEGA (ETSI)

8 History

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| Document history |
| V0.0.1  | 29 November 2021  | Initial proposal |
| 2021-12-06 | Uploaded to the WPM area of the portal following agreement of TP-2021-0125 |
| V0.0.2 | 2023-06-30 | Update: rapporteur replacement and extension for the WI lifetime |
| 2023-07-03 | Uploaded to the WPM area of the portal following agreement of TP-2023-0062 |

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