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| Work Item | |
| Work Item Title:\* | Conformance Test |
| Document Number\* | WI-00xx-Conformance\_Test-V0\_0\_1 |
| Supporting Members or Partner type 2\* | Huawei Technologies |
| Date:\* | 2015-03-02 |
| Abstract:\* | Proposal of a work item to conformance test specifications in oneM2M. |

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Title

Conformance Test

Output

Technical Specifications:

* To define the Test Suites and Test cases to guide the conformance test of oneM2M standard.

Impact

Impact on other Technical Specifications and Technical Reports

None

Impact on other oneM2M Work Items;

None

Scope

Conformance test is needed to test if the implementation complies with the defined oneM2M specifications. The proposed WI is to prepare the specifications for conformance test.

The scope of the WI includes:

TS00xx – Implementation Conformance Statements

* Identify the functions and features need to be tested.

TS00xy – 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.

TS00yy – 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

Schedule

Provide the schedule of tasks to be performed;

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Doc  Type | Spec Number | Title | Milestone dates | | | | Primary Responsible | Notes |
| Start | Change Control | Freeze | Approval |
| TS | 00xx | Implementation Conformance Statements | TP#17 | TP#21 | TP#22 | TP#23 | WG6 |  |
| TS | 00xy | Test Suite Structure and Test Purposes | TP#17 | TP#21 | TP#22 | TP#23 | WG6 |  |
| TS | 00yy | Abstract Test Suite and Implementation eXtra Information for Test | TP#17 | TP#21 | TP#22 | TP#23 | WG6 |  |

Supporters

Huawei Technologies Co., Ltd., KETI, TTA, Telecom Italia, China Unicom

Work Item Rapporteurs.

Sung-Chan Choi

History

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| --- | --- | --- |
| **Document history** | | |
| <Version> | <Date> | <Milestone> |
| V0.0.1 | 2 March 2015 | Initial proposal |