|  |
| --- |
|  |

|  |  |
| --- | --- |
| CHANGE REQUEST | |
| Meeting ID:\* | SDS 47 |
| Source:\* | Miguel Angel Reina Ortega, ETSI, [MiguelAngel.ReinaOrtega@etsi.org](mailto:MiguelAngel.ReinaOrtega@etsi.org) |
| Date:\* | 2020-10-15 |
| Reason for Change/s:\* | XSD corrections |
| CR against: Release\* | Rel-3 |
| CR against: WI\* | Active < WI-0077>  MNT maintenance / < Work Item number(optional)>  Is this a mirror CR? Yes  No  mirror CR number: (Note to Rapporteur - use latest agreed revision)  STE Small Technical Enhancements / < Work Item number (optional)>  Only ONE of the above shall be ticked |
| CR against: TS/TR\* | TS-0001 v3.18.0 |
| Clauses \* |  |
| Type of change: \* | Editorial change  Bug Fix or Correction  Change to existing feature or functionality  New feature or functionality  Only 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  NO  This CR may break backwards compatibility with the last approved version of the TS? YES  NO |
| Template Version: January 2019 (do not modify) | |

**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.

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

While using the XSD files for the implementation of the oneM2M conformance test suite, some small errors have been found in several XSD files. This contribution proposes some corrections for those.

* **CDT-responsePrimitive-v3\_18\_0.xsd:**
  + CDT-responsePrimitive-v3\_18\_0 should not be imported (change 1)
* **CDT-schedule-v3\_18\_0.xsd:**
  + **Some spare spaces (change 2)**
* **CDT-battery-v3\_18\_0.xsd:**
  + **Battery resource (**mgmtResource)**is conflicting with battery resource (**flexContainerResource)**defined in HD-mod-battery-v3\_7\_0.xsd (change 3)**

## ----------------------- Start of Change 1--------------------------------------------

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"

targetNamespace="http://www.onem2m.org/xml/protocols"

xmlns:m2m="http://www.onem2m.org/xml/protocols"

elementFormDefault="unqualified" attributeFormDefault="unqualified" >

<xs:include schemaLocation="CDT-commonTypes-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-accessControlPolicy-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-activeCmdhPolicy-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-AE-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-areaNwkDeviceInfo-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-areaNwkInfo-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-battery-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-cmdhBuffer-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-cmdhDefaults-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-cmdhDefEcValue-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-cmdhEcDefParamValues-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-cmdhLimits-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-cmdhNetworkAccessRules-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-cmdhNwAccessRule-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-cmdhPolicy-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-container-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-contentInstance-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-CSEBase-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-delivery-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-deviceCapability-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-deviceInfo-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-eventConfig-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-eventLog-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-execInstance-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-firmware-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-group-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-locationPolicy-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-m2mServiceSubscriptionProfile-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-memory-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-mgmtCmd-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-node-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-notification-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-pollingChannel-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-reboot-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-remoteCSE-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-request-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-requestPrimitive-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-schedule-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-serviceSubscribedAppRule-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-serviceSubscribedNode-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-software-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-statsCollect-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-statsConfig-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-subscription-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-timeSeries-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-timeSeriesInstance-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-role-v3\_18\_0.xsd" />

<xs:include schemaLocation="CDT-token-v3\_18\_0.xsd" />

-------------------------------------------------- End of Change 1---------------------------------------------------

## ----------------------- Start of Change 2--------------------------------------------

<xs:element name="schedule" substitutionGroup="m2m:sg\_announceableResource">

<xs:complexType>

<xs:complexContent>

<xs:extension base="m2m:announceableResource">

<xs:sequence>

<!-- Resource Specific Attributes -->

<xs:element name="scheduleElement" type="m2m:scheduleEntries" />

<xs:element name="networkCoordinated" type="xs:boolean" />

<!-- Child Resources -->

<xs:choice minOccurs="0" maxOccurs="1">

<xs:element name="childResource" type="m2m:childResourceRef" minOccurs="1" maxOccurs="unbounded" />

<xs:choice minOccurs="1" maxOccurs="unbounded">

<xs:element ref="m2m:subscription" />

<xs:element ref="m2m:transaction" />

</xs:choice>

</xs:choice>

</xs:sequence>

</xs:extension>

</xs:complexContent>

</xs:complexType>

</xs:element>

-------------------------------------------------- End of Change 2---------------------------------------

## ----------------------- Start of Change 3 --------------------------------------------

<xs:element name="battery" substitutionGroup="m2m:sg\_mgmtResource">

<xs:complexType>

<xs:complexContent>

<!-- Inherit Common Attributes from data type "mgmtResource" -->

<xs:extension base="m2m:mgmtResource">

<!-- Resource Specific Attributes -->

<xs:sequence>

<xs:element name="batteryLevel" type="xs:unsignedInt"/>

<xs:element name="batteryStatus" type="m2m:batteryStatus" />

<!-- Child Resources -->

<xs:choice minOccurs="0" maxOccurs="1">

<xs:element name="childResource" type="m2m:childResourceRef" maxOccurs="unbounded" />

<xs:element ref="m2m:subscription" maxOccurs="unbounded" />

</xs:choice>

</xs:sequence>

</xs:extension>

</xs:complexContent>

</xs:complexType>

</xs:element>

<xs:element name="battery" type="hd:battery" substitutionGroup="m2m:sg\_flexContainerResource" />

<xs:complexType name="battery" >

<xs:complexContent>

<!-- Inherit Common Attributes from data type "flexContainerResource" -->

<xs:extension base="m2m:flexContainerResource">

<xs:sequence>

<!-- Resource Specific Attributes -->

<xs:element name="level" type="xs:integer" />

<xs:element name="capacity" minOccurs="0" type="xs:integer" />

<xs:element name="charging" minOccurs="0" type="xs:boolean" />

<xs:element name="discharging" minOccurs="0" type="xs:boolean" />

<xs:element name="lowBattery" minOccurs="0" type="xs:boolean" />

<xs:element name="batteryThreshold" minOccurs="0" type="xs:integer" />

<xs:element name="electricEnergy" minOccurs="0" type="xs:integer" />

<xs:element name="voltage" minOccurs="0" type="xs:integer" />

<xs:element name="material" minOccurs="0" type="xs:string" />

<!-- Child Resources -->

<xs:choice minOccurs="0" maxOccurs="1">

<xs:element name="childResource" type="m2m:childResourceRef" minOccurs="1" maxOccurs="unbounded" />

<xs:choice minOccurs="1" maxOccurs="unbounded">

<xs:element ref="m2m:subscription" />

</xs:choice>

</xs:choice>

</xs:sequence>

</xs:extension>

</xs:complexContent>

</xs:complexType>

-------------------------------------------------- End of Change 3 ---------------------------------------