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| CHANGE REQUEST |
| Meeting ID:\* | PRO 31 |
| Source:\* | Neeta Meshram, C-DOT, neeta@cdot.in Suman Sheoran, C-DOT, ssheoran@cdot.in |
| Date:\* | 2017-09-13 |
| Reason for Change/s:\* | See the introduction  |
| CR against: Release\* | Release 2 |
| CR against: WI\* | [ ]  Active <Work Item number> [x]  MNT maintenance / < Work Item number(optional)>Is this a mirror CR? Yes [x]  No [ ] mirror CR number: PRO-2017-0211R01[ ]  STE Small Technical Enhancements / < Work Item number (optional)>Only ONE of the above shall be ticked |
| CR against: TS/TR\* | TS-0004 V2\_12\_0 |
| Clauses \* | XSD v2\_9\_0 |
| 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 |
| Impacted other TS/TR(s) | <TS/TR number>, <Version Number>, and <Description on which aspect should be reflected in this TS/TR> |
| 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 2017 (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

This CR proposes to change multiplicity of *primitiveContent* attribute of <request> resource from mandatory to optional.

According to TS-0001, Table 9.6.12-2, *primitiveContent* contains the content that is carried in the ***Content*** parameter of the original request message. But the request can be Retrieve and Delete request too. And Retrieve request has *primitiveContent* as optional field while Delete request do not have *primitiveContent* field. So, there is nothing to be filled in this attribute for above cases. As a solution *primitiveContent* shold be made optional.

This CR is already proposed in ARC #x.x meeting referenced ..

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

* + 1. <xs:schema xmlns="http://www.w3.org/2001/XMLSchema" targetNamespace="http://www.onem2m.org/xml/protocols"

 xmlns:m2m="http://www.onem2m.org/xml/protocols" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

 elementFormDefault="unqualified" xmlns:xs="http://www.w3.org/2001/XMLSchema">

 <xs:include schemaLocation="CDT-commonTypes-v2\_9\_0.xsd" />

 <xs:include schemaLocation="CDT-subscription-v2\_9\_0.xsd" />

 <xs:element name="request" substitutionGroup="m2m:sg\_regularResource">

 <xs:complexType>

 <xs:complexContent>

 <!-- Inherit common attributes -->

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

 <xs:sequence>

 <!-- Common Attribute, specific to <container>, <contentInstance>, <request> and <delivery> resources -->

 <xs:element name="stateTag" type="xs:nonNegativeInteger" />

 <!-- Resource Specific Attributes -->

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

 <xs:element name="target" type="xs:anyURI" />

 <xs:element name="originator" type="m2m:ID" />

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

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

 <xs:element name="primitiveContent" type="m2m:primitiveContent" minOccurs="0"/>

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

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

 <!-- 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>

 </xs:choice>

 </xs:choice>

 </xs:sequence>

 </xs:extension>

 </xs:complexContent>

 </xs:complexType>

 </xs:element>

</xs:schema>

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

CHECK LIST

* Does this Change Request include an informative introduction containing the problem(s) being solved, and a summary list of proposals.?
* Does this CR contain changes related to only one particular issue/problem?
* Have any mirror CRs been posted?
* Does this Change Request make **all** the changes necessary to address the issue or problem? E.g. A change impacting 5 tables should not include a proposal to change only 3 tables?Does this Change Request follow the drafting rules?
* Are all pictures editable?
* Have you checked the spelling and grammar?
* Have you used change bars for all modifications?
* Does the change 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.)
* Are multiple changes in this CR 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.?