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| CHANGE REQUEST |
| Meeting ID:\* | PRO 32.2 |
| Source:\* | Bob Flynn, Convida Wireless; Flynn.bob@convidawireless.com |
| Date:\* | 2018-01-13 |
| Reason for Change/s:\* | Vendor Specific Field |
| CR against: Release\* | Release 2 |
| CR against: WI\* | [ ]  Active <Work Item number> [ ]  MNT maintenance / < Work Item number(optional)>Is this a mirror CR? Yes [ ]  No [x] mirror CR number: (Note to Rapporteur - use latest agreed revision)[x]  STE Small Technical Enhancements / < Work Item number (optional)>Only ONE of the above shall be ticked |
| CR against: TS/TR\* | TS-0008 Version 2.5.0 |
| Clauses \* |  |
| Type of change: \* | [ ]  Editorial change[ ]  Bug Fix or Correction[x]  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 [x]  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

Protocol contribution to reflect changes in needed for Vendor\_Information

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

#### Definition of New Options

##### 6.2.2.4.0 Introduction

This clause describes new CoAP Options used for binding several oneM2M request/response parameters. Table 6.2.2.4.0-1 contains definitions of the new CoAP Options and sub-clauses specify oneM2M parameter mapping with the newly defined CoAP Options in the table 6.2.2.4.0-1.

Table 6.2.2.4.0-1: Definition of New Options

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | C | U | N | R | Name | Format | Length | Default |
| 256 |  |  |  |  | oneM2M-FR | string | 0-255 | (None) |
| 257 |  |  |  |  | oneM2M-RQI | string | 0-255 | (None) |
| 259 |  |  |  |  | oneM2M-OT | string | 15 | (None) |
| 260 |  |  |  |  | oneM2M-RQET | string | 15 | (None) |
| 261 |  |  |  |  | oneM2M-RSET | string | 15 | (None) |
| 262 |  |  |  |  | oneM2M-OET | string | 15 | (None) |
| 263 |  |  |  |  | oneM2M-RTURI | string | 0-255 | (None) |
| 264 |  |  |  |  | oneM2M-EC | uint | 1 | (None) |
| 265 |  |  |  |  | oneM2M-RSC | uint | 2 | (None) |
| 266 |  |  |  |  | oneM2M-GID | string | 0-255 | (None) |
| 267 |  |  |  |  | oneM2M-TY | uint | 2 | (None) |
| 268 |  |  |  |  | oneM2M-CTO | uint | 2 | (None) |
| 269 |  |  |  |  | oneM2M-CTS | uint | 2 | (None) |
| 270 |  |  |  |  | oneM2M-ATI | string | 0-255 | (None) |
| 271 |  |  |  |  | oneM2M-RVI | string | 1 | (None) |
| 272 |  |  |  |  | oneM2M-VSI | String | 0-255 | (None) |
| NOTE 1: C, U, N, R means Critical, Unsafe, NoCacheKey and Repeatable respectively [1]. Table 6.2.2.4.0-1 follows the template used in clause 5.10 Option Definitions of CoAP specification [1].NOTE 2: CoAP Option numbers specified in table 6.2.2.4.0-1 are subject to change after review by IANA registration. |

##### 6.2.2.4.1 From

The ***From*** parameter shall be mapped to the oneM2M-FR Option.

##### 6.2.2.4.2 Request Identifier

The ***Request Identifier*** parameter shall be mapped to the oneM2M-RQI Option.

##### 6.2.2.4.3 Void

##### 6.2.2.4.4 Originating Timestamp

The ***Originating Timestamp*** parameter shall be mapped to the oneM2M-OT Option.

##### 6.2.2.4.5 Request Expiration Timestamp

The ***Request Expiration Timestamp*** parameter shall be mapped to the oneM2M-RQET Option.

##### 6.2.2.4.6 Result Expiration Timestamp

The ***Request Expiration Timestamp*** parameter shall be mapped to the oneM2M-RSET Option.

##### 6.2.2.4.7 Operation Execution Time

The ***Operation Execution Time*** parameter shall be mapped to the oneM2M-OET Option.

##### 6.2.2.4.8 notificationURI of Response Type

The notificationURI element of ***Response Type*** parameter shall be mapped to the oneM2M-RTURI Option.

##### 6.2.2.4.9 Event Category

The ***Event Category*** parameter shall be mapped to the oneM2M-EC Option.

##### 6.2.2.4.10 Response Status Code

The ***Response Status Code*** parameter shall be mapped to the oneM2M-RSC Option.

##### 6.2.2.4.11 Group Request Identifier

The ***Group Request Identifier*** parameter shall be mapped to the oneM2M-GID Option.

##### 6.2.2.4.12 Resource Type

The ***Resource Type*** parameter shall be mapped to the oneM2M-TY Option.

##### 6.2.2.4.13 Content Offset

The ***Content Offset***  parameter shall be mapped to the oneM2M-CTO Option.

##### 6.2.2.4.14 Content Status

The ***Content Status*** parameter shall be mapped to the oneM2M-CTS Option.

##### 6.2.2.4.15 Assigned Token Identifiers

The ***Assigned Token Identifiers*** parameter shall be mapped to the oneM2M-ATI Option. The format of the oneM2M-ATI option shall be represented as a sequence of lti-value:tkid-value pairs separated by a colon ':' and multiple pairs appended with '+' character.

EXAMPLE: The header looks as follows:

 oneM2M-ATI: lti-value1:tkid-value1 + lti-value2:tkid-value2 + …

if the XML representation of the ***Assigned Token Identifiers*** parameter is given as (using short element names):

 <ati>

 <ltia>

 <lti>lti-value1</lti>

 <tkid>tkid-value1</tkid>

 </ltia>

 <ltia>

 <lti>lti-value2</lti>

 <tkid>tkid-value2</tkid>

 </ltia>

 …

 </ati>

The data type m2m:dynAuthlocalTokenIdAssignments of the ***Assigned Token Identifiers*** parameter is defined in clause 6.3.5.43 of oneM2M TS-0004 [2].

##### 6.2.2.4.16 Release Version Indicator

The ***Release Version Indicator*** parameter shall be mapped to the oneM2M-RVI Option.

##### 6.2.2.4.17 Vendor Information

The ***Vendor Information*** parameter shall be mapped to the oneM2M-VSI Option.

### -----------------------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.?