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| CHANGE REQUEST |
| Meeting ID:\* | SDS 50 |
| Source:\* | Jagan, C-DOT, jagan@cdot.inAnupama, C-DOT, anupama@cdot.in Sachin, C-DOT, sachin@cdot.in |
| Date:\* | 2021-05-13 |
| Reason for Change/s:\* |  See the introduction |
| CR against: Release\* | Release 4 |
| CR against: WI\* | [ ]  Active <Work Item number> [x]  MNT maintenance / < Work Item number(optional)>Is this a mirror CR? Yes [ ]  No [x] 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-0005 V4.0.0 |
| Clauses \* | 5.3.13.2 |
| 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 |
| Other TS/TR(s) impacted | <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 [ ]  NO [ ] This CR may break backwards compatibility with the last approved version of the TS? YES [ ]  NO [x]  |
| Template Version: January 2020 (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.

If this is a correction, and the change applies to previous releases, a separate “mirror CR” should be posted at the same time as 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. Include any changes to references, definitions, and abbreviations in the same deliverable.

Follow the drafting rules.

All pictures must be editable.

Check spelling and grammar.

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 proposed new clause is 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 the 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

Current CR proposes to make required changes in TS-0005 after CR#SDS-2020-0369R03 was agreed against “TS-0022 V4.1.1” to add the optional attribute M2M-Sub-ID to [registration] resource. Based on this mapping the optional attribute **M2M-Sub-ID** should be mapped in Table 5.3.13.2-1: Resource [registration] for AE.

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

#### 5.3.13.2 Resource [registration]

The Resource [registration] is used to convey the service layer configuration information needed to register an AE or CSE with a Registrar CSE, see clause 7.1.2 of TS-0022 [22].

Regardless of OMA DM 1.3 and OMA DM 2.0, this resource shall be mapped to M2M FieldDeviceConfig MO (MFDCMO) (urn:oma:mo:ext-onem2m-mfdcmo:1.0).

The Resource [registration] is a multi-instance Resource where each instance of the Resource shall map to an instance of the <x>/registration/<x> node of MFDCMO.

The attributes of an instance of [registration] shall be mapped to nodes of the MFDCMO as shown in Table 5.3.13.2-1.

The mgmtLink attribute of the [registration] resource points to an [authenticationProfile] resource instance which itself is mapped to a <x>/authenticationProfile/<x> node in MFDCMO. The original value of this mgmtLink attribute needs to be translated such that it points to the <x>/authenticationProfile/<x> node in MFDCMO which corresponds to the linked [authenticationProfile] resource instance. The respective node identifier <x>/authenticationProfile/<x> of this [authenticationProfile] resource instance shall be set as the value of the <x>/dataCollection/<x>/authenticationProfile leaf node

Table 5.3.13.2-1: Resource [registration]

| Attribute Name of [registration] | Mapping to Nodes in Management Object |
| --- | --- |
| originatorID | <x>/registration/<x>/originatorID |
| poA | <x>/registration/<x>/poA |
| CSEBase | <x>/registration/<x>/CSEBase |
| CSE-ID | <x>/registration/<x>/CSEID |
| appID | <x>/registration/<x>/appID |
| externalID | <x>/registration/<x>/externalID |
| triggerRecipientID | <x>/registration/<x>/triggerRecipientID |
| mgmtLink [authenticationProfile] | <x>/registration/<x>/authenticationProfile |
| M2M-Sub-ID | <x>/ registration/<x>/M2M-Sub-ID |

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