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| CHANGE REQUEST | |
| Group Name:\* | ARC 15 |
| Source:\* | ALU (TIA) |
| Format:\* | Plenary |
| Date:\* | 2015-01-20 |
| Contact:\* | Timothy Carey, ALU, timothy.carey@alcatel-lucent.com |
| Reason for Change/s:\* | Comment\_Non-oneM2M\_Definition |
| CR against: Release\* | Release 1 (January) |
| CR against: TS/TR\* | TS-0001 |
| Clauses/Sub Clauses\* | Definitions |
| Type of change: \* | Editorial change  Bug Fix or Correction  Change/correction to existing feature or functionality  New feature or functionality |
| Post Freeze checking:\* | This CR contains only essential changes and corrections  YES  NO |

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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.

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 sections need not show surrounding clauses as long as the proposed section number clearly shows where the new section 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

ARC-2014-1648 from IEEE noted editorial problems in the TS-0001 spec

Section 5.2.1: Define "non-oneM2M" and use these terms in the AE, CSE, and NSE examples.

This contribution resolves this by creating a definition for non-oneM2M node based on the definition from section 6.1

**Non-oneM2M Node (NoDN):**

A non-oneM2M Node is a Node that does not contain oneM2M Entities (neither AEs nor CSEs). Such Nodes represent devices attached to the oneM2M system for interworking purposes, including management.

A Non-oneM2M Node communicates (as shown by dotted lines in figure 6.1-1) with the oneM2M System according to annex F.

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

## 3.1 Definitions

For the purposes of the present document, the following terms and definitions apply:

**access control attributes:** set of parameters of the Originator, target resource, and environment against which there could be rules evaluated to control access

NOTE: An example of Access Control Attributes of Originator is a role. Examples of Access Control Attributes of Environment are time, day and IP address. An example of Access Control Attributes of targeted resource is creation time.

**access decision:** authorization reached when an entity's Privileges, as well as other Access Control Attributes, are evaluated

**application layer:** comprises oneM2M Applications and related business and operational logic

**attribute:** stores information pertaining to the resource

NOTE: An attribute has a name and a value. Only one attribute with a given name can belong to a given resource. For an attribute defined as having "multiplicity" greater than 1, the value of that attribute is a composite value, i.e. a list of different values.

**child resource:** sub-resource of another resource that is its parent resource

NOTE: The parent resource contains references to the child resources(s).

**common services layer:** consists of oneM2M service functions that enable oneM2M Applications (e.g. management, discovery and policy enforcement)

**common services function (CSF):** informative architectural construct which conceptually groups together a number of sub-functions

NOTE: Those sub-functions are implemented as normative resources and procedures. A set of CSFs is contained in the CSE.

**execution environment:** logical entity that represents an environment capable of running software modules

**hosting CSE:** CSE where the addressed resource is hosted

**M2M service provider domain:** is the part of the M2M System that is associated with a specific M2M Service Provider

**managed entity:** may be either an M2M Device, M2M Gateway, or a device in the M2M Area Network or the M2M Application Layer or M2M Service Layer software components

**management proxy:** entity within the Device Management Architecture, in conjunction with the Management Client, that acts as an intermediary between the Management Server and the Proxy Management Client

**network services layer:** provides transport, connectivity and service functions

**node:** logical entity that is identifiable in the M2M System

**non-oneM2M Node:** A non-oneM2M Node is a Node that does not contain oneM2M

**originator:** single-hop case, the Originator is the entity that sends a Request. For multi-hop case, the Originator is the entity that sends the first Request in a sequence of requests

NOTE: An Originator can either be an AE or a CSE.

**proxy management client:** entity within the Device Management Architecture that provides local management capabilities to a device in an M2M Area Network

**receiver:** is the entity that receives the Request

NOTE: A Receiver can a CSE or can be and AE when notification is requested.

**receiver CSE:** is any CSE that receives a request

**registree:** is an AE or CSE that registers with another CSE

**registrar CSE:** CSE is the CSE where an Application or another CSE has registered

**resource:** is a uniquely addressable entity in oneM2M architecture

NOTE: A resource is transferred and manipulated using CRUD operations. A resource can contain child resource(s) and attribute(s), which are also uniquely addressable.

**service charging and accounting:** set of functionalities within the M2M Service Layer that enable configuration of information collection and charging policies, collection of Charging Records based on the policies, and correlation of Charging Records to users of M2M common services

**service charging record:** formatted collection of information about a chargeable operation

**service layer offline charging:** mechanism where charging information does not affect, in real-time, the service rendered

**service layer online charging:** mechanism where charging information can affect, in real-time, the service rendered, including real time credit control

**software package:** is an entity that can be deployed on the Execution Environment

NOTE: It can consist of entities such as software modules, configuration files, or other entities.

**structured data:** is data that either has a structure according to a specified Information Model or is otherwise organized in a defined manner

**transit CSE:** is any receiver CSE that is not a Hosting CSE

### -----------------------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?
* Does this change request make **all** the changes necessary to address the issue or problem? 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?
* 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 sections need not show surrounding clauses as long as the proposed section number clearly shows where the new section 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.?