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| CHANGE REQUEST |
| Meeting ID:\* | TDE 41.2 |
| Source:\* | Bob Flynn(bob.flynn@convidawireless.com) |
| Date:\* | 2019-8-28 |
| Reason for Change/s:\* | See Introduction  |
| CR against: Release\* | Release 3 |
| CR against: WI\* | [x]  Active <Work Item number> [ ]  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\* | TR-0047v0.2.0 |
| Clauses \* | 5.1.2 |
| Type of change: \* | [x]  Editorial change[ ]  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 [x]  |
| 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

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

### 5.1.2 UE Long-Life Operations

An AE or CSE hosted on a UE can meet the needs of many different types of use cases. The UE can run in an “always connected mode” that allows the AE or CSE to always be available or reachable from the IN-CSE. The UE can also run in an “connect when needed” mode where the device reachability can be scheduled by the IN-CSE, resulting in much lower power consumption and longer lifetime of the (assumed) battery supply. Using oneM2M APIs the IN-CSE can configure the UE to operate in the mode that best meets the requirements of the application while minimizing the power consumption of the de



1. An AE or CSE hosted on a UE device can specify the times that it is reachable using the oneM2M <schedule> resource.
2. An infrastructure application (IN-AE) can also specify times that it would like to be able to communicate with the AE or CSE hosted on a UE device using the oneM2M *activityPatternElements* attribute.
3. The infrastructure node (IN-CSE) computes parameters and sends messages to the 3GPP SCEF interface that can be used to configure the Core Network and Radio Access Network.
4. 3GPP Core Network optimizes operations by knowing expected communication patterns.
5. The UE is configured to be awake and able to receive messages from the oneM2M Service Layer according to the inputs from the hosted AE/CSE and IN-AEs.

In clause 7.2 the specific messages are described in further detail.

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

### -----------------------Start of change 2---------------------------------------------

### -----------------------End of change 2---------------------------------------------

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.?