**3GPP TSG-CT WG1 Meeting #133-eC1-21abcd**

**E-meeting, 11-19 November 2021 (was C1-217063)**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.546** | **CR** | **0011** | **rev** | **1** | **Current version:** | **17.0.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **x** | Radio Access Network |  | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Addition of CoAP notifications procedure | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eSEAL | | | | |  | ***Date:*** | | | 2021-11-04 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) ... Rel-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | To introduce support for CoAP for SEAL Configuration Management, it is proposed to add CoAP alternative for notifications procedure, corresponding to SIP and HTTP alternatives. | | | | | | | | |
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| ***Summary of change:*** | | CoAP alternative for event notifications procedure is added. | | | | | | | | |
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| ***Consequences if not approved:*** | | SEAL CM does not support CoAP as required by stage 2. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.2.2.2.X (new), 6.2.2.2.X.1 (new), 6.2.2.2.X.2 (new) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

\* \* \* First Change \* \* \* \*

##### 6.2.2.2.X CoAP based procedures

###### 6.2.2.2.X.1 Client procedure

Upon receiving a CoAP 2.05 (Content) response that matches the extended CoAP GET request which initiated the subscription and which contains the Observe option, the SCM-C:

a) shall handle the response according to IETF RFC 7641 [ietf7641]; and

b) shall notify the VAL user about the modification of the configuration document.

\* \* \* Next Change \* \* \* \*

###### 6.2.2.2.X.2 Server procedure

In order to send a notification when the configuration document is modified, the SCM-S shall send a CoAP 2.05 (Content) response to SCM-C containing the modified document and the Observe option according to IETF RFC 7641 [ietf7641]. The Content-Format specified in a 2.xx notification shall be the same as the one used in the initial response to the GET request received for the subscription.

\* \* \* End of Changes \* \* \* \*