**3GPP TSG-CT WG1 Meeting #122-eC1-200400**

**Electronic meeting, 20-28 February 2020**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **24.501** | **CR** | **1900** | **rev** | **1** | **Current version:** | **16.3.0** |  |
|  |
| *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 |  | Radio Access Network |  | Core Network | **X** |

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| ***Title:***  | Stop T3565 upon connection resumption  |
|  |  |
| ***Source to WG:*** | vivo |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | 5G\_CIoT |  | ***Date:*** | 2020-02-15 |
|  |  |  |  |  |
| ***Category:*** | **F**  |  | ***Release:*** | *Rel-16* |
|  | *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 canbe 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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
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| ***Reason for change:*** | The UE in 5GMM-IDLE mode with suspend indication will **not** always send a Service Request message or Control Plane Service Request message after receiving a NOTIFICATION message via non-3GPP access.Considering the network will stop the timer for paging when receiving a request to RAN to resume the connection, the network shall apply the same principle for stopping the timer for notification. |
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| ***Summary of change:*** | The AMF shall stop the timer T3565 when receiving a request to RAN to resume the connection. |
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| ***Consequences if not approved:*** | T3565 will not be stopped and will eventually expire leading to potential unnecessary retransmition the NOTIFICATION message. |
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| ***Clauses affected:*** | 5.6.3.3 |
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|  | **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:*** |  |

\*\*\*\*\* Start of changes \*\*\*\*\*

#### 5.6.3.3 Notification procedure completion

Upon reception of SERVICE REQUEST message or REGISTRATION REQUEST message, the AMF shall stop timer T3565 and proceed service request procedure as specified in subclauses 5.6.3.1 or registration procedure for mobility and periodic registration update as specified in subclauses 5.5.1.3. If no user-plane resources of PDU session(s) need to be re-established, the AMF should notify the SMF that the UE was reachable but did not accept to re-establish the user-plane resources of PDU session(s).

When the 5GMM entity in the AMF receives an indication from the lower layer that it has received the NGAP UE context resume request message as specified in 3GPP TS 36.413 [xx], the AMF shall stop timer T3565.

Upon reception of NOTIFICATION RESPONSE message, the AMF shall stop timer T3565 and should notify the SMF that the UE is unreachable.

If the NOTIFICATION RESPONSE message includes the PDU session status information element, then the AMF shall perform a local release of all those PDU sessions which are active on the AMF side associated with 3GPP access, but are indicated by the UE in the PDU session status information element in the NOTIFICATION RESPONSE message as being inactive, and shall request the SMF to perform a local release of all those PDU sessions.

\*\*\*\*\* End of changes \*\*\*\*\*