**3GPP TSG-SA5 Meeting #158** ***S5-246999***

Orlando, USA, 18 - 22 November 2024

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **32.290** | **CR** | **0233** | **rev** | **3** | **Current version:** | **18.7.0** |  |
|  | | | | | | | | |
| *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:*** | Rel-18 CR 32.290 Correction on CHF as NF consumer detected failure | | | | | | | | | |
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| ***Source to WG:*** | Huawei, Nokia, Ericsson | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI18, B2B\_CH, CHRACHF | | | | |  | ***Date:*** | | | 2024-11-22 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-18 |
|  | *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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
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| ***Reason for change:*** | | The application level failure handling is now defined to support the CTF detected failure handling, with three enumeration values that specify how CTF handles the service in case of request times out to CHF.  However, in terms of consumer CHF detected failure handling, the consumer CHF cannot decide directly whether the service shall continue or not, the above three values cannot be used to specify how consumer CHF handles failure. | | | | | | | | |
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| ***Summary of change:*** | | 1Clarify the consumer CHF detected failure handling for inter-CHF communication. | | | | | | | | |
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| ***Consequences if not approved:*** | | The failure handling mechanism is incomplete to support the failure handling for inter-CHF communication. | | | | | | | | |
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| ***Clauses affected:*** | | 5.5.1.1, 5.5.1.3 | | | | | | | | |
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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 32.291 ... CR 0594... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | Revision of S5-246609. | | | | | | | | |

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| **First change** |

#### 5.5.1.3 CHF as NF Consumer detected failure

When a Charging Data Request [Initial/Update/Termination] received by the consumer CHF for inter CHFs communication, in the case of the consumer CHF towards producer CHF request times out and without alternative producer CHF, consumer CHF should decide how to handle the charging session with NF consumer (CTF) based on the service level agreement between operators.

Note：The application level failure handinging is not applicable for the inter CHF communications.

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| **End of change** |