**3GPP TSG-SA5 Meeting #162 *S5-253763***

Goteborg, Sweden, 25 - 29 August 2025

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **32.299** | **CR** | **0828** | **rev** | 1 | **Current version:** | **18.0.0** |  |
|  | | | | | | | | |
| *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 |  | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** | Rel-19 CR TS 32.299 IMS Call Charging Optimization | | | | | | | | | |
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| ***Source to WG:*** | CSCN | | | | | | | | | |
| ***Source to TSG:*** | SA5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI19 | | | | |  | ***Date:*** | | | 2025-08-25 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-19 |
|  | *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:*** | | In offline and online charging, add the solution of charging system to handle the ACR[Stop] lost and CCR[Terminate] lost scenario. | | | | | | | | |
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| ***Summary of change:*** | | For ACR[Stop] lost scenario, add the description to record the timestamp of last ACR[Interim] in CDR. For CCR[Terminate] lost scenario, add the description to get the session termination timestamp based on the used service units reported in the last CCR . | | | | | | | | |
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| ***Consequences if not approved:*** | | Operators’ revenue loss in ACR[Stop] lost scenario since incomplete CDR can not provide valid call duration. | | | | | | | | |
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| ***Clauses affected:*** | | 6.1.3.4 | | | | | | | | |
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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:*** | | Revision of S5-253622 | | | | | | | | |

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| **First change** |

#### 6.1.3.4 CDF detected failure

The CDF closes a CDR when it detects that expected Diameter ACRs for a particular session have not been received for a period of time. In case that CDF has not received the expected ACR[Stop], CDF can deem the event time stamp in the latest ACR[Interim] as service delivery end time stamp. The exact behaviour of the CDF is operator configurable.



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| **End of change** |