**3GPP TSG-SA5 Meeting #155 *S5-243040***

Jeju, South Korea, 27 - 31 May 2024 Revision of S5-25xxxx

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **32.254** | **CR** | **0050** | **rev** | **1** | **Current version:** | **18.3.0** |  |
|  |
| *For* [***HELP***](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 32.254 Correction on session identifier |
|  |  |
| ***Source to WG:*** | Huawei |
| ***Source to TSG:*** | S5 |
|  |  |
| ***Work item code:*** | TEI18 |  | ***Date:*** | 2024-05-30 |
|  |  |  |  |  |
| ***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 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-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)* |
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| ***Reason for change:*** | The applicabiliy of session identifier is not correctly defined. It is send from CHF to CTF in the response for intial / event / termination request for indicating the charging data resource used for this charging session or event, and send from CTF to CHF in the termination request for releasing the charging data resource. |
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| ***Summary of change:*** | Correct the applicability of session identifier in charging data request and response. |
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| ***Consequences if not approved:*** | The use of session identifier is not clear. |
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| ***Clauses affected:*** | 6.3.4 |
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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 S5-242740 |

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| **First change** |

### 6.3.4 Detailed message format for converged charging

The operation types are listed in the following order: I (Initial) / U (Update)/T (Termination)/E (Event). Therefore, when all Operation types are possible it is marked as IUTE. If only some operation types are allowed for a node, only the appropriate letters are used ( e.g., IUT or E) as indicated in the table heading. The omission of an operation type for a particular field is marked with "-" ( e.g., I-E). Also, when an entire field is not allowed in a node the entire cell is marked as "-".

Table 6.3.4.1 illustrates the basic structure of the supported fields in the Charging Data Request for exposure function API online charging.

Table 6.3.4.1: Supported fields in Charging Data Request message

| Information Element | Node Type | NEF |
| --- | --- | --- |
| Supported Operation Types | IUTE |
| Session Identifier | --T- |
| Subscriber Identifier | I-TE |
| NF Consumer Identification | I-TE |
| Charging Identifier | I-TE |
| Invocation Timestamp | I-TE |
| Invocation Sequence Number | I-TE |
| Retransmission Indicator | - |
| One-time Event | ---E |
| One-time Event Type | ---E |
| Notify URI |  I--- |
| Supported Features | I--E |
| Triggers | I-TE |
| Multiple Unit Usage | I-TE |
| NEF API Charging Information |
| External Individual Identifier | I-TE |
| External Individual Id List | ITE |
| Internal Individual Identifier | ITE |
| Internal Individual Id List | ITE |
| External Group Identifier | I-TE |
| Internal Group Identifier | I-TE |
| API Direction | I-TE |
| API Target Network Function | I-TE |
| API Result Code | I-TE |
| API Name | I-TE |
| API Operation | ITE |
| API Reference | I-TE |
| API Content | I-TE |

Table 6.3.4.2 illustrates the basic structure of the supported fields in the Charging Data Response for exposure function API converged charging.

Table 6.3.4.2: Supported fields in *Charging Data Response* Message

| Information Element | Node Type | NEF |
| --- | --- | --- |
| Supported Operation Types | IUTE |
| Session Identifier | I-TE |
| Invocation Timestamp | I-TE |
| Invocation Result | I-TE |
| Invocation Sequence Number | I-TE |
| Session Failover | I-TE |
| Supported Features | I--E |
| Triggers  | - |
| Multiple Unit Information | I--E |

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| **End of change** |