**3GPP TSG-SA5 Meeting #155 *S5-243041***

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

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **32.291** | **CR** | **0565** | **rev** | **1** | **Current version:** | **18.5.0** |  |
|  |
| *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 32.291 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 session identifier IE in the charging data request and response is a special IE, which is coming from the HTTP header.  |
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| ***Summary of change:*** | Clarify the relationship between ChargingDataRef and session identifier. |
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| ***Consequences if not approved:*** | The session identifier in the charging data request and response is not clearly defined. |
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| ***Clauses affected:*** | 6.1.3.1 |
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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 ... |
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| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** | Revision of S5-242739 |

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| **First change** |

#### 6.1.3.1 Overview



Figure 6.1.3.1-1: Resource URI structure of the Nchf\_ConvergedCharging API

Charging Data Ref is corresponding to the session identifier defined in TS 32.290 [58] and is a unique identifier for a charging data resource in a PLMN. It’s created in CHF when CHF receives a Nchf\_ ConvergedCharging\_Create request and provided to NF (CTF) in the Location header field in the Nchf\_ ConvergedCharging\_Create response. The NF (CTF) shall use the Charging Data Ref received in subsequent requests to the CHF for the same charging data resource.

Table 6.1.3.1-1 provides an overview of the resources and applicable HTTP methods.

Table 6.1.3.1-1: Resources and methods overview

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| --- | --- | --- | --- | --- |
| Resource name | Resource URI | HTTP method or custom operation | Description | Corresponding service operation |
| Charging Data | {apiRoot}/nchf-convergedcharging/{apiVersion}/chargingdata | POST | Create a new Charging Data resource  | Nchf\_ ConvergedCharging\_Create |
| Individual Charging Data | {apiRoot}/nchf-convergedcharging/{apiVersion}/chargingdata/{ChargingDataRef}/update | update(POST)  | Update an existing Charging Data resource. | Nchf\_ ConvergedCharging\_Update |
| {apiRoot}/nchf-convergedcharging/{apiVersion}/chargingdata /{ChargingDataRef}/release | release(POST) | Update and release an existing Charging Data resource. | Nchf\_ ConvergedCharging\_Release |

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| **End of change** |