**3GPP TSG-SA5 Meeting #137e S5-213246**

**electronic meeting, online, 10 - 19 May 2021**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **32.291** | **CR** | **0320** | **rev** | **-** | **Current version:** | **16.7.0** |  |
|  | | | | | | | | |
| *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:*** | Correct the Nchf\_ OfflineOnlyCharging API resource definition | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | SA5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI16 | | | | |  | ***Date:*** | | | 2021-04-14 |
|  |  | | | |  | |  | | |  |
| ***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 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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
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| ***Reason for change:*** | | In the TS 32.291, the "//{apiRoot}" and "nchf-OfflineOnlyCharging" is incorrect based on the URI rules in the figure Resource URI structure of the Nchf\_OfflineOnlyCharging API. | | | | | | | | |
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| ***Summary of change:*** | | Remove the "/" after "offlinechargingdata" for Resource URI Charging Data  Correct the figure of Resource URI structure of the Nchf\_OfflineOnlyCharging API.  Remove the editor’s note. | | | | | | | | |
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| ***Consequences if not approved:*** | | Incorrect the resourece URI. | | | | | | | | |
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| ***Clauses affected:*** | | 6.2.3.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

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| **First change** |

#### 6.2.3.1 Overview



Figure 6.2.3.1-1: Resource URI structure of the Nchf\_OfflineOnlyCharging API

Offline Only Charging Data Ref is a unique identifier for an offline only charging data resource in a PLMN. It’s created in CHF when CHF receives a Nchf\_ OfflineOnlyCharging\_Create request and provided to NF (CTF) in the Location header field in the Nchf\_ OfflineOnlyCharging\_Create response. The NF (CTF) shall use the Offline Only Charging Data Ref received in subsequent requests to the CHF for the same charging data resource.

Table 6.2.3.1-1 provides an overview of the resources and applicable HTTP methods.

Table 6.2.3.1-1: Resources and methods overview

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| --- | --- | --- | --- | --- |
| Resource name | Resource URI | HTTP method or custom operation | Description | Corresponding service operation |
| Offline Only Charging Data | {apiRoot}/ nchf-offlineonlycharging/ {apiVersion}/offlinechargingdata | POST | Create a new Offline Only Charging Data resource | Nchf\_OfflineOnlyCharging\_Create |
| Individual Offline Only Charging Data | {apiRoot}/ nchf-offlineonlycharging/{apiVersion}/ offlinechargingdata/{OfflineChargingDataRef }/update | update  (POST) | Update an existing Offline Only Charging Data resource. | Nchf\_OfflineOnlyCharging\_Update |
| {apiRoot}/ nchf-offlineonlycharging/v1/ offlinechargingdata /{OfflineChargingDataRef}/release | release  (POST) | Update and release an existing Offline Only Charging Data resource. | Nchf\_OfflineOnlyCharging\_Release |

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| **End of change** |