**3GPP TSG SA WG5 Meeting #155 *S5-243029***

Jeju, South Korea, 27 - 31 May 2024

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **32.291** | **CR** | **0563** | **rev** | **1** | **Current version:** | **18.5.0** |  |
|  | | | | | | | | |
| *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)*.* | | | | | | | | |
|  | | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Rel-18 CR 32.291 Change Inter-CHF information to be generic | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI18, B2B\_CH | | | | |  | ***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 can be found in 3GPP o. | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) Rel-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | In Release 18, there are two charging service reference points introduced for the interaction between two CHFs.  - N107 is used between V-CHF and H-CHF for LBO roaming charging (CHRACHF).  - N108 is used between C-CHF and B-CHF for business charging (B2B\_CH). e.g. Network Slice (NETSLICE\_CH\_Ph2) and TSN (TSN\_CH).  In the 5G data connectivity charging, both LBO roaming charging and business charging (per network slice or per TSN bridge) are supported.  The inter-CHF information can be generic to also support the business charging scenarios. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Expand the definition of Inter-CHF Information, in Table 6.1.6.2.16.3-1. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The inter-CHF information for N108 is undefined. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.1.6.2.16.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 32.255 CR 0527 | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | Revision of S5-242729 | | | | | | | | |

|  |
| --- |
| **First change** |

###### 6.1.6.2.16.3 Type InterCHFInformation

Table 6.1.6.2.16.3-1: Definition of type InterCHFInformation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| remoteCHFResource | Uri | OC | 0..1 | This field holds information about the resource in the, e.g. H-CHF or C-CHF, in the form of an URI |  |
| originalNFConsumerId | NFIdentification | OM | 0..1 | Holds the information on the NF triggering the request e.g., AMF, SMF |  |

|  |
| --- |
| **End of change** |