**3GPP TSG-SA5 Meeting #157 *S5-245903***

Hyderabad, India, 14 - 18 October 2024 Revision of S5-245572

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| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  | **6** | **CR** | **045** | **rev** | **1** | **Current version:** | **.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-18 CR 32.256 CHF Selection for Inter-CHF |
|  |  |
| ***Source to WG:*** | Amdocs |
| ***Source to TSG:*** | SA5 |
|  |  |
| ***Work item code:*** | CHRACHF |  | ***Date:*** | 2024-10-17 |
|  |  |  |  |  |
| ***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-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19) Rel-20 (Release 20)* |
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| ***Reason for change:*** | CHF Selection by another CHF is incomplete |
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| ***Summary of change:*** | Update the specifications for CHF selection by another CHF for inter-CHF communication |
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| ***Consequences if not approved:*** | There can be confusion on the implementation of inter-CHF communication between CHF vendors |
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| ***Clauses affected:*** | 5.1.3, 5.1.5.2 |
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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 S5-245572 |

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| **First Change** |

### 5.1.3 CHF selection

The CHF Address(es) selection by the AMF is done during the Registration process based on the following options:

- CHF Address(es) used for UE context transferred from old AMF.

- CHF address(es) provided by the PCF as part of Access and mobility policy control information.

- UDM provided charging characteristics.

- NRF based discovery (Applicable for CHF selection by another CHF as well)

- Locally provisioned charging characteristics(Applicable for CHF selection by another CHF as well)

The priority order between these options depends on Operator's policies.

Once selected, these CHF Address(es) shall be used as long as the UE is registered in the AMF.

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| **Second Change** |

#### 5.1.5.2 CHF selection

H-CHF selection by the AMF, during the Registration process when UE determined as in-bound roamer, priority is operator dependent:

- UDM provided charging characteristics.

- NRF based discovery using UE identifier.

- AMF locally provisioned charging characteristics.

V-CHF selection by the AMF with roaming architecture according to figure 4.2.2.2, during the Registration process when UE determined as in-bound roamer, priority is operator dependent:

- NRF based discovery using the PLMN Id of the UE H-PLMN.

- AMF locally provisioned charging characteristics.

H-CHF selection by the V-CHF with roaming architecture according to figure 4.2.2.3, during the Registration process when UE determined as in-bound roamer, priority is operator dependent:

- NRF based discovery using the PLMN Id of the UE H-PLMN.

- CHF locally provisioned.

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| **End of changes** |