**3GPP TSG-SA5 Meeting #157 *S5-245875***

**Hyderabad, India, 14 - 18 October 2024**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **32.240** | **CR** | **0505** | **rev** | **1** | **Current version:** | **19.1.0** |  |
|  | | | | | | | | |
| *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-19 CR 32.240 Addition network sharing | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | SA5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NetShare\_CH | | | | |  | ***Date:*** | | | 2024-10-04 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-19 |
|  | *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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
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| ***Reason for change:*** | | Description of charging in network sharing scenarios is missing. | | | | | | | | |
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| ***Summary of change:*** | | Addition of description of charging for the indirect network sharing. | | | | | | | | |
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| ***Consequences if not approved:*** | | Charging in the case of inderect network sharing will not be described. | | | | | | | | |
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| ***Clauses affected:*** | | 6.x (new) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 S5-245653 | | | | | | | | |

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| **First change** |

6.x Network sharing charging

6.x.1 General

The network sharing specified in TS 23.501[215] clause 5.18, and it defines indirect network sharing.

For indirect network sharing the communication between the shared RAN and the core network of the participating operator is routed through the core network of the hosting operator that connects to the shared RAN. In this case the hosting operator can use charging information from the 5GC NFs (e.g., SMF and AMF) to charge participating operators, covered by 5G data connectivity domain charging in TS 32.255 [15], and 5G connection and mobility domain charging in TS 32.256 [16].

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| **End of changes** |