3GPP TSG SA WG5 Meeting 136-e S5-212212

electronic meeting, online, 1 - 9 March 2021

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **32.130** | **CR** | **0009** | **rev** | **-** | **Current version:** | **16.0.0** |  |
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| *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 | **X** | Core Network |  |

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| ***Title:*** | Update business requirements to applicable for SBMA | | | | | | | | | |
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| ***Source to WG:*** | S5 | | | | | | | | | |
| ***Source to TSG:*** | Huawei, China Telecom, China Unicom | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | MANS | | | | |  | ***Date:*** | | | 2021-02-03 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *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:*** | | 1. Current requirements for the OAM&P of shared RAN in clause 5.1.1 is system specific requirement, instead of business level requirements. Also these requirments are not applicable for 5G SBMA. | | | | | | | | |
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| ***Summary of change:*** | | 1. Update the requirements for the OAM&P of shared RAN in clause 5.1.1 | | | | | | | | |
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| ***Consequences if not approved:*** | |  | | | | | | | | |
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| ***Clauses affected:*** | | 5.1.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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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| **1st Change** |

### 5.1.1 Requirements for the OAM&P of shared RAN

**REQ-NS\_GEN-CON-1** The 3GPP management system of the MOP shall support a capability allowing its authorized consumer to manage S-RAN of any of the following radio access technologies:

i/ GERAN;

ii/ UTRAN;

iii/ E-UTRAN.

**REQ-NS\_GEN-CON-2** The 3GPP management system of the MOP shall support a capability allowing its authorized consumer to manage S-RAN according to any of the following scenarios:

i/ Multi-Operator Core Network

ii/ Gateway Core Network.

**REQ-NS\_GEN-CON-3** The 3GPP management system of the MOP shall support a capability allowing its authorized consumer to know which POPs the shared resources belong to.

**REQ-NS\_GEN-CON-4** The 3GPP management system of the MOP shall support a capability allowing its authorized consumer to configure which POPs share each cell.

**REQ-NS\_GEN-CON-5**  Any POP shall be able to activate a signaling-based trace / MDT session on its subscribers, whether they are attached to the POP own RAN or to the S-RAN, provided:

a/ this is compliant with the RAN sharing contract; and

b/ user consent for participation in MDT is respected.

**REQ-NS\_GEN-CON-6** The MOP shall be able, on behalf of any POP, to activate an area-based trace / MDT session, on the portion of the S-RAN that the POP shares and on the POP subscribers only, from the 3GPP management system of MOP, provided

a/ only the POP related subscriber data are collected;

b/ this is compliant with the RAN sharing contract; and

c/ user consent for participation in MDT is respected.

**REQ-NS\_GEN-CON-7**  The MOP shall be able, on behalf of multiple POPs, to activate an area-based trace / MDT session, on the portion of the S-RAN that each POP shares and on each POP subscribers only, from the 3GPP management system of MOP, provided:

a/ each POP has access only to its subscriber data (i.e. not to other POPs' subscriber data);

b/ this is compliant with the RAN sharing contract; and

c/ user consent for participation in MDT is respected.

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| **End of Changes** |