**3GPP TSG-SA5 Meeting #132e *S5-204136***

**e-meeting 17th-28th August 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **28.545** | **CR** | **0007** | **rev** | **1** | **Current version:** | **16.0.0** |  |
|  | | | | | | | | |
| *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 | **X** | Core Network | **X** |

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| ***Title:*** | Update description of MnS components used for configurable FM control | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei,ZTE | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI16 | | | | |  | ***Date:*** | | | 2020-08-03 |
|  |  | | | |  | |  | | |  |
| ***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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
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| ***Reason for change:*** | | 1. The FMControl<<IOC>> is used in the Table 6.4-1: MnS component used for configurable FM control, however, in TS 28.622, the FMControl<<IOC>> is already removed. 2. According to the description of AlarmList<<IOC>> in TS 28.622, AlarmList instance are created by the system or are pre-installed. They cannot be created nor deleted by MnS consumers. | | | | | | | | |
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| ***Summary of change:*** | | 1. Remove the FMControl<<IOC>> in the Table 6.4-1. 2. Remove the createMOI operation and deleteMOI operation in the Table 6.4-1. | | | | | | | | |
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| ***Consequences if not approved:*** | | The Management service components used for configurable FM control is not align with TS 28.622. | | | | | | | | |
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| ***Clauses affected:*** | | 6.4 | | | | | | | | |
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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:*** | | The revision of S5-204136 and S5-204202 | | | | | | | | |

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| **1st Change** |

## 6.4 Management Service components used for configurable FM control

The MnS components used for configurable FM control are listed in table 6.4-1. The configurable FM control approach and fault supervision management service described in clause 6.1 - 6.3 are two alternative solutions used for fault management.

Table 6.4-1: MnS component used for configurable FM control

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| Management purpose | Management service component type A | Management service component type B |
| Configurable FM control for NE/NF | Following operations/notifications defined in Clause 11.1.1 in TS 28.532[2]:  Operations:  -  - getMOIAttributes  - modifyMOIAttributes  -  Notifications:  - notifyMOICreation  - notifyMOIAttributeValueChanges  - notifyMOIDeletion  - notifyMOIChanges | Following IOCs defined in FM control NRM fragment in TS 28.622 [5] :   * AlarmList * ManagedElement |
| Configurable FM control for NetworkSlice | Following operations/notifications defined in Clause 11.1.1 in TS 28.532[2]:  Operations:  -  - getMOIAttributes  - modifyMOIAttributes  -  Notifications:  - notifyMOICreation  - notifyMOIAttributeValueChanges  - notifyMOIDeletion  - notifyMOIChanges | Following IOCs defined in FM control NRM fragment in TS 28.622 [5] / TS 28.541[3]:   * AlarmList * NetworkSlice |
| Configurable FM control for NetworkSliceSubnet | Following operations/notifications defined in Clause 11.1.1 in TS 28.532[2]:  Operations:  -  - getMOIAttributes  - modifyMOIAttributes  -  Notifications:  - notifyMOICreation  - notifyMOIAttributeValueChanges  - notifyMOIDeletion  - notifyMOIChanges | Following IOCs defined in FM control NRM fragment in TS 28.622 [5] / TS 28.541[3]:   * AlarmList * NetworkSliceSubnet |
| Configurable FM control for SubNetwork | Following operations/notifications defined in Clause 11.1.1 in TS 28.532[2]:  Operations:  -  - getMOIAttributes  - modifyMOIAttributes  -  Notifications:  - notifyMOICreation  - notifyMOIAttributeValueChanges  - notifyMOIDeletion  - notifyMOIChanges | Following IOCs defined in FM control NRM fragment in TS 28.622 [5] :   * AlarmList * SubNetwork |

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| **End of Change** |