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

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

|  |
| --- |
| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **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)*.* |
|  |

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

|  |
| --- |
|  |
| ***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 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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
|  |  |
| ***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.
 |
|  |  |
| ***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.
 |
|  |  |
| ***Consequences if not approved:*** | The Management service components used for configurable FM control is not align with TS 28.622. |
|  |  |
| ***Clauses affected:*** | 6.4 |
|  |  |
|  | **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 |

|  |
| --- |
| **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

|  |  |  |
| --- | --- | --- |
| 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
 |

|  |
| --- |
| **End of Change** |