**3GPP TSG-SA5 Meeting #141-e *S5-221254***

**e-meeting, 17 -26 January 2022**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | TS 28.541 | **CR** | 0666 | **rev** |  | **Current version:** | 17.5.0 |  |
|  | | | | | | | | |
| *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:*** | TS 28.541 Clean up of eMA5SLA | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | CMCC | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eMA5SLA | | | | |  | ***Date:*** | | | 2022-11-07 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | F |  | | | | | ***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)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The Rel-17 work item eMA5SLA is already to send SA for approval, I seems that the related editor’s note which has added during the discussuon of draftCR has no extra controversial, so we propose to delete them at the end of Rel-17. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Delete the related editor’s note. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.3.4.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  |  | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  |  | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  |  | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

**========= Start of Change ==========**

#### 6.3.4.3 Attribute constraints

|  |  |
| --- | --- |
| Name | Definition |
| CNSliceSubnetProfile S | Condition: It shall be present when the slice profile defines requirements for CN domain |
| RANSliceSubnetProfile S | Condition: It shall be present when the slice profile defines requirements for RAN domain. |
| TopSliceSubnetProfile  S | Condition: It shall be present when the slice profile is for top/root network slice subnet |

### 6.3.23 CNSliceSubnetProfile<<dataType>>

#### 6.3.23.1 Definition

This data type represents the requirements for CN slice profile.

#### 6.3.23.2 Attributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | S | isReadable | isWritable | isInvariant | isNotifyable |
| maxNumberofUEs | O | T | T | F | T |
| dLLatency | O | T | T | F | T |
| uLLatency | O | T | T | F | T |
| dLThptPerSliceSubnet | O | T | T | F | T |
| dLThptPerUE | O | T | T | F | T |
| uLThptPerSliceSubnet | O | T | T | F | T |
| uLThptPerUE | O | T | T | F | T |
| maxNumberOfPDUSessions | O | T | T | F | T |
| coverageAreaTAList | O | T | T | F | T |
| reliability | O | T | T | F | T |
| resourceSharingLevel | O | T | T | F | T |
| dLMaxPktSize | O | T | T | F | T |
| uLMaxPktSize | O | T | T | F | T |
| sliceSimultaneousUse | O | T | T | F | T |
| delayTolerance | O | T | T | F | T |
| energyEfficiency | O | T | T | F | T |
| dLDeterministicComm | O | T | T | F | T |
| uLDeterministicComm | O | T | T | F | T |
| survivalTime | O | T | T | F | T |
| nssaaSupport | O | T | T | F | T |
| n6Protection | O | T | T | F | T |

#### 6.3.23.3 Attribute constraints

None.

#### 6.3.23.4 Notifications

The subclause 6.5 of the <<IOC>> using this <<dataType>> as one of its attributes, shall be applicable.

### 6.3.24 RANSliceSubnetProfile<<dataType>>

#### 6.3.24.1 Definition

This data type represents the requirements for RAN slice profile.

#### 6.3.24.2 Attributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | S | isReadable | isWritable | isInvariant | isNotifyable |
|  |  |  |  |  |  |
| coverageAreaTAList | O | T | T | F | T |
| uEMobilityLevel | O | T | T | F | T |
| resourceSharingLevel | O | T | T | F | T |
| maxNumberofUEs | O | T | T | F | T |
| activityFactor | O | T | T | F | T |
| dLThptPerUE | O | T | T | F | T |
| uLThptPerUE | O | T | T | F | T |
| uESpeed | O | T | T | F | T |
| reliability | O | T | T | F | T |
| nROperatingBands | O | T | T | F | T |
| serviceType | O | T | T | F | T |
| dLLatency | O | T | T | F | T |
| uLLatency | O | T | T | F | T |
| delayTolerance | O | T | T | F | T |
| sliceSimultaneousUse | O | T | T | F | T |
| dLMaxPktSize | O | T | T | F | T |
| uLMaxPktSize | O | T | T | F | T |
| energyEfficiency | O | T | T | F | T |
| termDensity | O | T | T | F | T |
| survivalTime | O | T | T | F | T |
| dLDeterministicComm | O | T | T | F | T |
| uLDeterministicComm | O | T | T | F | T |
| positioning | O | T | T | F | T |
| synchronicity | O | T | T | F | T |

#### 6.3.24.3 Attribute constraints

None.

#### 6.3.24.4 Notifications

The subclause 6.5 of the <<IOC>> using this <<dataType>> as one of its attributes, shall be applicable.

### 6.3.25 TopSliceSubnetProfile<<dataType>>

#### 6.3.25.1 Definition

This data type represents the requirements for a top network slice subnet, a network slice subnet directly associated with the network slice. It includes an aggregated list of the attributes from RANSliceSubnetProfile and CNSliceSubnetProfile.

#### 6.3.25.2 Attributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | S | isReadable | isWritable | isInvariant | isNotifyable |
| dLLatency | O | T | T | F | T |
| uLLatency | O | T | T | F | T |
| maxNumberofUEs | O | T | T | F | T |
| dLThptPerSliceSubnet | O | T | T | F | T |
| dLThptPerUE | O | T | T | F | T |
| uLThptPerSliceSubnet | O | T | T | F | T |
| uLThptPerUE | O | T | T | F | T |
| dLMaxPktSize | O | T | T | F | T |
| uLMaxPktSize | O | T | T | F | T |
| maxNumberOfPDUSessions | O | T | T | F | T |
| nROperatingBands | O | T | T | F | T |
| sliceSimultaneousUse | O | T | T | F | T |
| delayTolerance | O | T | T | F | T |
| energyEfficiency | O | T | T | F | T |
| termDensity | O | T | T | F | T |
| activityFactor | O | T | T | F | T |
| coverageAreaTAList | O | T | T | F | T |
| resourceSharingLevel | O | T | T | F | T |
| uEMobilityLevel | O | T | T | F | T |
| uESpeed | O | T | T | F | T |
| reliability | O | T | T | F | T |
| serviceType | O | T | T | F | T |
| dLDeterministicComm | O | T | T | F | T |
| uLDeterministicComm | O | T | T | F | T |
| survivalTime | O | T | T | F | T |
| positioning | O | T | T | F | T |
| synchronicity | O | T | T | F | T |

#### 6.3.25.3 Attribute constraints

None.

#### 6.3.25.4 Notifications

The subclause 6.5 of the <<IOC>> using this <<dataType>> as one of its attributes, shall be applicable.

**========= End of Change ==========**