**3GPP TSG-SA5 Meeting #130e *S5-202193***

**e-meeting 20-28 April 2020**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **28.531** | **CR** | **0047** | **rev** | **-** | **Current version:** | **16.5.0** |  |
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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 | **X** |

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| ***Title:***  | Clarification on network slice related identifiers |
|  |  |
| ***Source to WG:*** | Huawei |
| ***Source to TSG:*** | S5 |
|  |  |
| ***Work item code:*** | TEI16 |  | ***Date:*** | 2020-04-28 |
|  |  |  |  |  |
| ***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)* |
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| ***Reason for change:*** | There are three concepts which need clarifications:- Network Slice- Network Slice Instance- NSI IDPotential confusion may be caused by different network slice related identifiers. |
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| ***Summary of change:*** | Clarify the identifiers for network slice management purpose and Network Slice signaling purpose. |
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| ***Consequences if not approved:*** | Misleading identifiers may lead to incorrect implementation. |
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| ***Clauses affected:*** | 4.6 |
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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:*** |  |

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| **1st Change** |

## 4.6 General information for network slice related identifiers

There are following network slice related identifiers which serve different purposes:

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| **Identifier** | **Description** |
| **Identifiers for network slice management purpose** |
| **Identifier of NS Instance** | To identify a NetworkSlice instance, DN of NetworkSlice IOC (i.e. the objectinstance attribute) is the management identifier of that NetworkSlice instance, see TS 28.541 [6]. |
| **Identifier of NSS Instance** | To identify a NetworkSliceSubnet instance, DN of NetworkSliceSubnet IOC (i.e. the objectinstance attribute) is the management identifier of that NetworkSliceSubnet instance, see TS 28.541 [6]. |
| **Identifiers for Network Slice signaling purpose** |
| **NSI ID** | NSI ID is only for 5GC signaling use, i.e. to identify Core Network part of a Network Slice instance when multiple Network Slice instances of the same Network Slice are deployed, and there is a need to differentiate between them in the 5GC, see clause 3.1 of TS 23.501 [10]. The NRM attribute cNSIIdList of NRFFunction and NSSFFunction, see TS 28.541 [6], is a list for NSI ID(s). |
| **S-NSSAI** | To identify Network Slice. Referred to TS 23.501 [10] and TS 38.300 [11]. NRM attribute sNSSAIList of ServiceProfile contained by instance of NetworkSlice IOC identifies the S-NSSAI(s) supported by the corresponding Network Slice, see TS 28.541 [6]. |
| **PLMN ID** | Represents PLMN identifier.  |

The NSI ID and S-NSSAI are configured by the management system.

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| **End of Change** |