**3GPP TSG-SA5 Meeting #133eS5-205255**

**e-meeting, 12 – 21 October 2020**

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| *CR-Form-v11.4* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **28.530** | **CR** | **0034** | **rev** | **-** | **Current version:** | **16.3.0** |  |
|  | | | | | | | | |
| *For* [***HELP***](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:*** | move service profile definition from 28531 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia, Nokia Shanghai Bell | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | MA5SLA | | | | |  | ***Date:*** | | | 2020-09-28 |
|  |  | | | |  | |  | | |  |
| ***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 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:*** | | service file definition was missed in this spec while slice profile is here | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Add service profile definition from 28.531 | | | | | | | | |
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| ***Consequences if not approved:*** | | Inconsistence of definition of service profile and slice profile could cause confusion in implementation | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 4.6.1, 4.6.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

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| **Start of 1st modification** |

## 4.6 Slice profile and service profile concepts

### 4.6.1 Slice profile

The network slice subnet has an associated set of requirements (e.g. those derived from service level requirements) that are applicable to the network slice subnet constituents, such set is called slice profile. TN requirements (e.g. set of QoS attributes for the links interconnecting network slice subnet constituent network functions) is an example of requirements that may be included in the slice profile. The slice profile may be common (applicable to all network slice subnet constituents, regardless of their types) or specific (applicable to only AN network function or only to CN network function network slice subnet constituents).

### 4.6.2 Service profile

Depending on industry requirements and operator’s requirements, different service profiles may be used to represent SLS associated with network slices.

The following are examples for service profiles:

- A service profile is used to capture a set of requirements for the new network slice such as (eMBB, MIoT, URLLC).

- A service profile is used to capture a set of specific industry requirements for creation of network slice such as V2X, smart grid, Remote Healthcare.

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| **End of 1st modification** |