**3GPP TSG-SA5 Meeting #130-e *S5-202156***

**Online, , 20th Apr 2020 - 28th Apr 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **28.530** | **CR** | **0023** | **rev** | **-** | **Current version:** | **16.1.0** |  |
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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:*** | Update use case exposure of network slice management data for network slice as a service | | | | | | | | | |
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| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | MEMTANE | | | | |  | ***Date:*** | | | 2020-04-10 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***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:*** | | Chapter 5.4.11 describes the use case of exposure of network slice management data for network slice as a service, but without any relation to a tenant. This missing information needs to be captured in 5.4.11 chapter use case. | | | | | | | | |
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| ***Summary of change:*** | | Update Extending the use case of exposure of network slice management data for network slice as a service with examples of tenant related roles. | | | | | | | | |
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| ***Consequences if not approved:*** | | Unclear how to relate a tenant with the use case of exposure of network slice management data for network slice as a service. | | | | | | | | |
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| ***Clauses affected:*** | | 5.4.11 | | | | | | | | |
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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** |

### 5.4.11 Exposure of network slice management data for network slice as a service case

| Use case stage | Evolution/Specification | <<Uses>> Related use |
| --- | --- | --- |
| **Goal** | To expose network slice management data to a Communication Service Provider (CSP) consuming Network Slice as a Service (NSaaS) based on mutual agreement (e.g. for providing Communication Service to tenant). |  |
| **Actors and Roles** | A Communication Service Provider (CSP) provides limited management data to a Communication Service Customer (CSC) (e.g. tenant might take the role of CSC end user) |  |
| **Telecom resources** | 3GPP management system |  |
| **Assumptions** | Network slice management data of NSI can be exposed to the CSP consuming NSaaS according to the pre-defined agreements. |  |
| **Pre-conditions** | 1. NSaaS level exposure has been agreed upon and the CSP offering the NSaaS is aware of it.  2. An NSI used for NSaaS is created. |  |
| **Begins when** | The CSP consuming NSaaS wants to get the management data of the network slice instance. |  |
| **Step 1 (M)** | The CSP consuming NSaaS sends requests to the 3GPP management system for the exposure management data of network slice instance. |  |
| **Step 2 (M)** | The 3GPP management system provides the CSP consuming NSaaS of exposed management data for the NSaaS scenario. |  |
| **Ends when** | The network slice management data is provided. |  |
| **Exceptions** | One of the steps identified above fails. |  |
| **Post-conditions** | The CSP consuming NSaaS is aware of the management data of the network slice instance. |  |
| **Traceability** | REQ-3GPPMS-CON-27 |  |

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| **End of changes** |