**3GPP TSG-SA5 Meeting #133e *S5-205200rev2***

**e-meeting 12th - 21st October 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **28.530** | **CR** | **0030** | **rev** | **-** | **Current version:** | **16.3.0** |  |
|  | | | | | | | | |
| *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)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network | **X** |

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| ***Title:*** | Add missing definition of SLA and update definition of SLS | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | MA5SLA | | | | |  | ***Date:*** | | | 2020-10-02 |
|  |  | | | |  | |  | | |  |
| ***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:*** | | The definition of SLA is missing in current specification. And the definition of SLS is unnecessarily limited on network slice only. | | | | | | | | |
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| ***Summary of change:*** | | Add missing definition of SLA and update definition of SLS to network level. | | | | | | | | |
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| ***Consequences if not approved:*** | | Lack of definition of SLA and narrow definition of SLS may lead to incorrect SLA management. | | | | | | | | |
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| ***Clauses affected:*** | | 3.1 | | | | | | | | |
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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** |

## 3.1 Definitions

For the purposes of the present document, the terms and definitions given in 3GPP TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in 3GPP TR 21.905 [1].

**network slice:** a logical network that provides specific network capabilities and network characteristics, supporting various service properties for network slice customers.

NOTE 1: NetworkSlice Information Object Class (IOC) (refer to TS 28.541 [6]) is used to model network slice.

NOTE 2: Represent network slice defined in TS 23.501 [3] with added service properties.

**NetworkSlice instance:** A Managed Object Instance (MOI) of NetworkSlice IOC.

NOTE 3: NetworkSlice instance represents service view of a network slice which exposes the root NetworkSliceSubnet instance .

**network slice subnet:** a representation of a set of network functions and the associated resources (e.g. compute, storage and networking resources) supporting network slice.

NOTE 4: NetworkSliceSubnet IOC (refer to TS 28.541 [6]) is used to model network slice subnet which may include core network functions and/or RAN network functions and/or other network slice subnets. The network slice instance defined in TS 23.501 [3] can be reflected via the NetworkSliceSubnet IOC and the allocated resources.

**NetworkSliceSubnet instance:** A Managed Object Instance (MOI) of NetworkSliceSubnet IOC.

**Service Level Agreement (SLA):** formal agreement between Service Customer (SC) and Service Provider (SP) that is reached after negotiation for the service to be provided, including specification of the expected service behavior (i.e. performance and functionality) and conditions for service accounting/charging.

**Service Level Specification (SLS):** Part of SLA that quantifies the technical requirements of the service to be provided, including functional and non-functional requirements.

Note: The SLS requirements are to be satisfied by a network or network slice.

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| **End of Change** |