**3GPP TSG-SA5 Meeting #136e S5-212171**

**E-Meeting, 1st – 9th March 2021**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **32.291** | **CR** | **0315** | **rev** | **1** | **Current version:** | **16.6.1** |  |
|  | | | | | | | | |
| *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 |  | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Add the Bindings for NSM Charging | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | SA5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5GS\_NSMCH | | | | |  | ***Date:*** | | | 2021-03-04 |
|  |  | | | |  | |  | | |  |
| ***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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The Charging information for NSM Charging is specified in the TS 28.202. The corresponding Open API is defined in the TS 32.291, but the bindlings for NSM charging is missing. | | | | | | | | |
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| ***Summary of change:*** | | Add the bindlings for NSM Charging. | | | | | | | | |
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| ***Consequences if not approved:*** | | The bindings for NSM Charging is missing. | | | | | | | | |
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| ***Clauses affected:*** | | 7.X(New) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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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| **First change** |

## 7.X Bindings for NS Management charging

Table 7.X-1: Bindings of CDR field, Information Element and Resource Attribute for NS Management charging

| Information Element | CDR Field | Resource Attribute |
| --- | --- | --- |
|  |  | **ChargingDataRequest** |
| Tenant Identifier | Tenant Identifier | /tenantIdentifier |
| MnS Consumer Identifier | MnS Consumer Identifier | /mnSConsumerIdentifier |
| NSM Charging information | NSM Charging information | /nSMChargingInformation |
| Management operation | Management operation | /nSMChargingInformation/managementOperation |
| Identifier of NetworkSlice Instance | Identifier of NetworkSlice Instance | /nSMChargingInformation/idNetworkSliceInstance |
| List of Service profile charging information | List of Service profile charging information | /nSMChargingInformation/listOfserviceProfileChargingInformation |
| Service Profile Id | Service Profile Id | /nSMChargingInformation/serviceProfileIdentifier |
| S-NSSAIs List | S-NSSAIs List | /nSMChargingInformation/sNSSAIList |
| SST | SST | /nSMChargingInformation/sST |
| Latency | Latency | /nSMChargingInformation/latency |
| Availability | Availability | /nSMChargingInformation/availability |
| Resource Sharing Level | Resource Sharing Level | /nSMChargingInformation/resourceSharingLevel |
| Jitter | Jitter | /nSMChargingInformation/jitter |
| Reliability | Reliability | /nSMChargingInformation/reliability |
| Maximum Number of UEs | Maximum Number of UEs | /nSMChargingInformation/maxNumberofUEs |
| Coverage Area | Coverage Area | /nSMChargingInformation/coverageArea |
| UE Mobility Level | UE Mobility Level | /nSMChargingInformation/uEMobilityLevel |
| Delay Tolerance | Delay Tolerance | /nSMChargingInformation/delayToleranceIndicator |
| DL Throughput Per Slice | DL Throughput Per Slice | /nSMChargingInformation/dLThptPerSlice |
| DL Throughput Per UE | DL Throughput Per UE | /nSMChargingInformation/dLThptPerUE |
| UL Throughput Per Slice | UL Throughput Per Slice | /nSMChargingInformation/uLThptPerSlice |
| UL Throughput Per UE | UL Throughput Per UE | /nSMChargingInformation/uLThptPerUE |
| Max Number of PDU sessions | Max Number of PDU sessions | /nSMChargingInformation/maxNumberofPDUsessions |
| KPIs Monitoring list | KPIs Monitoring list | /nSMChargingInformation/kPIMonitoringList |
| Supported Access Technology | Supported Access Technology | /nSMChargingInformation/supportedAccessTechnology |
| V2X Communication Mode | V2X Communication Mode | /nSMChargingInformation/v2XCommunicationModeIndicator |
| Additional service profile charging information | Additional service profile charging information | /nSMChargingInformation/addServiceProfileInfo |
| Management operation status | Management operation status | /nSMChargingInformation/managementOperationStatus |
| Operational state | Operational state | /nSMChargingInformation/managementOperationalState |
| Administrative state | Administrative state | /nSMChargingInformation/managementAdministrativeState |
|  |  | **ChargingDataResponse** |
| - | - | - |

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| **End of change** |