**3GPP TSG-WG SA4 Meeting #123-e *S4-230503***

**E-meeting, April 17 – 21, 2023 (revision of S4-230xxx)**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **26.517** | **CR** | **0008** | **rev** | **-** | **Current version:** | **17.2.0** |  |
|  | | | | | | | | |
| *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 |  | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Correctino on length of FSA ID | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei, HiSilicon | | | | | | | | | |
| ***Source to TSG:*** | SA4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5MBP3 | | | | |  | ***Date:*** | | | 2023-04-11 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | In the LS exchanges between SA2 and RAN2 (S4-220457 and S4-220450), the length of MBS FSA ID is determined as 3 bytes long instead of using 2 bytes to align with MBMS SAI for better scalability. Alignements are needed regarding the length of MBS FSA ID. | | | | | | | | |
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| ***Summary of change:*** | | Correct the length of FSA ID. | | | | | | | | |
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| ***Consequences if not approved:*** | | Misalignment with SA2/RAN WGs | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | A.1.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

\* \* \* \* First change \* \* \* \*

## A.1.1 MBS User Service Description schema

The following schema shall have the filename "mbs\_user\_service\_description.xml".

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| <?xml version="1.0" encoding="UTF-8"?>  <xs:schema xmlns="urn:3GPP:metadata:2023:MBS:userServiceDescription" xmlns:xs="http://www.w3.org/2001/XMLSchema" targetNamespace="urn:3GPP:metadata:2023:MBS:userServiceDescription" elementFormDefault="qualified">  <xs:element name="bundleDescription" type="BundleDescriptionType"/>  <xs:complexType name="BundleDescriptionType">  <xs:sequence>  <xs:element name="userServiceDescription" type="UserServiceDescriptionType" maxOccurs="unbounded"/>  <xs:any namespace="##other" minOccurs="0" maxOccurs="unbounded" processContents="lax"/>  </xs:sequence>  <xs:anyAttribute processContents="skip"/>  </xs:complexType>  <xs:complexType name="UserServiceDescriptionType">  <xs:sequence>  <xs:element name="name" type="NameType" minOccurs="0" maxOccurs="unbounded"/>  <xs:element name="serviceLanguage" type="xs:language" minOccurs="0" maxOccurs="unbounded"/>  <xs:element name="distributionSessionDescription" type="DistributionSessionDescriptionType" maxOccurs="unbounded"/>  <xs:element name="appService" type="ApplicationServiceDescriptionType" minOccurs="0" maxOccurs="unbounded"/>  <xs:element name="scheduleDescriptionURI" type="xs:anyURI" minOccurs="0"/>  <xs:element name="availabilityInfo" type="AvailabilityInformationType" minOccurs="0"/>  <xs:any namespace="##other" minOccurs="0" maxOccurs="unbounded" processContents="lax"/>  </xs:sequence>  <xs:attribute name="serviceId" type="xs:anyURI" use="required"/>  <xs:anyAttribute processContents="skip"/>  </xs:complexType>  <xs:complexType name="DistributionSessionDescriptionType">  <xs:sequence>  <xs:element name="mbsAppService" type="MbsApplicationServiceType" minOccurs="0" maxOccurs="unbounded"/>  <xs:element name="unicastAppService" type="UnicastApplicationServiceType" minOccurs="0"/>  <xs:any namespace="##other" minOccurs="0" maxOccurs="unbounded" processContents="lax"/>  </xs:sequence>  <xs:attribute name="conformanceProfile" type="xs:anyURI" use="required"/>  <xs:attribute name="sessionDescriptionURI" type="xs:anyURI" use="required"/>  <xs:attribute name="objectRepairParametersURI" type="xs:anyURI" use="optional"/>  <xs:attribute name="dataNetworkName" type="xs:anyURI" use="optional" />  <xs:anyAttribute processContents="skip"/>  </xs:complexType>  <xs:complexType name="NameType">  <xs:simpleContent>  <xs:extension base="xs:string">  <xs:attribute name="lang" type="xs:language" use="optional"/>  </xs:extension>  </xs:simpleContent>  </xs:complexType>  <xs:complexType name="ApplicationServiceDescriptionType">  <xs:sequence>  <xs:element name="identicalContent" minOccurs="0" maxOccurs="unbounded">  <xs:complexType>  <xs:sequence>  <xs:element name="basePattern" type="xs:anyURI" minOccurs="2" maxOccurs="unbounded"/>  <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>  </xs:sequence>  <xs:anyAttribute processContents="skip"/>  </xs:complexType>  </xs:element>  <xs:element name="alternativeContent" minOccurs="0" maxOccurs="unbounded">  <xs:complexType>  <xs:sequence>  <xs:element name="basePattern" type="xs:anyURI" minOccurs="2" maxOccurs="unbounded"/>  <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>  </xs:sequence>  <xs:anyAttribute processContents="skip"/>  </xs:complexType>  </xs:element>  <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>  </xs:sequence>  <xs:attribute name="mediaManifestDescriptionURI" type="xs:anyURI" use="required"/>  <xs:attribute name="mimeType" type="xs:string" use="required"/>  <xs:anyAttribute processContents="skip"/>  </xs:complexType>  <xs:complexType name="MbsApplicationServiceType">  <xs:sequence>  <xs:element name="basePattern" type="xs:anyURI" maxOccurs="unbounded"/>  <xs:element name="serviceArea" type="xs:unsignedShort" minOccurs="0" maxOccurs="unbounded"/>  <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>  </xs:sequence>  <xs:anyAttribute processContents="skip"/>  </xs:complexType>  <xs:complexType name="UnicastApplicationServiceType">  <xs:sequence>  <xs:element name="basePattern" type="xs:anyURI" maxOccurs="unbounded"/>  <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>  </xs:sequence>  <xs:anyAttribute processContents="skip"/>  </xs:complexType>  <xs:simpleType name="MbsFsaIdType">  <xs:restriction base="xs:string">  <xs:pattern value="^[A-Fa-f0-9]{6}$"/>  </xs:restriction>  </xs:simpleType>  <xs:complexType name="AvailabilityInformationType">  <xs:sequence>  <xs:element name="infoBinding" maxOccurs="unbounded">  <xs:complexType>  <xs:sequence>  <xs:element name="mbsServiceArea" type="MbsServiceAreaType" minOccurs="0" maxOccurs="unbounded"/>  <xs:element name="mbsFSAId" type="MbsFsaIdType" minOccurs="0"/>  <xs:element name="radioFrequency" type="xs:unsignedInt" maxOccurs="unbounded"/>  </xs:sequence>  </xs:complexType>  </xs:element>  </xs:sequence>  </xs:complexType>  <xs:complexType name="MbsServiceAreaType">  <xs:sequence>  <xs:element name="taiList" minOccurs="0" maxOccurs="unbounded">  <xs:complexType>  <xs:sequence>  <xs:element name="tai" type="TrackingAreaIdentityType" maxOccurs="unbounded"/>  </xs:sequence>  </xs:complexType>  </xs:element>  <xs:element name="ncgiList" minOccurs="0" maxOccurs="unbounded">  <xs:complexType>  <xs:sequence>  <xs:element name="ncgiTai" type="NrCellGlobalIdentityType" maxOccurs="unbounded"/>  </xs:sequence>  </xs:complexType>  </xs:element>  </xs:sequence>  </xs:complexType>  <xs:complexType name="TrackingAreaIdentityType">  <xs:sequence>  <xs:element name="plmnId">  <xs:complexType>  <xs:sequence>  <xs:element name="mcc" type="xs:string"/>  <xs:element name="mnc" type="xs:string"/>  </xs:sequence>  </xs:complexType>  </xs:element>  <xs:element name="tac" type="xs:string"/>  <xs:element name="nid" type="xs:string" minOccurs="0"/>  </xs:sequence>  </xs:complexType>  <xs:complexType name="ncgiTai">  <xs:sequence>  <xs:element name="tai" type="TrackingAreaIdentityType"/>  <xs:element name="ncgi" type="NrCellGlobalIdentityType"/>  </xs:sequence>  </xs:complexType>  <xs:complexType name="NrCellGlobalIdentityType">  <xs:sequence>  <xs:element name="plmnId">  <xs:complexType>  <xs:sequence>  <xs:element name="mcc" type="xs:string"/>  <xs:element name="mnc" type="xs:string"/>  </xs:sequence>  </xs:complexType>  </xs:element>  <xs:element name="nrCellId" type="xs:string"/>  <xs:element name="nid" type="xs:string" minOccurs="0"/>  </xs:sequence>  </xs:complexType>  </xs:schema> |

\* \* \* \* End of changes \* \* \* \*