**3GPP TSG-CT WG1 Meeting #125-eC1-20wxyz**

**Electronic meeting, 20-28 August 2020**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.484** | **CR** | **CR#** | **rev** | **-** | **Current version:** | **13.9.0** |  |
|  | | | | | | | | |
| *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:*** | Correct spelling of HPLMN, VPLMN | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | FirstNet | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | MCPTT-CT | | | | |  | ***Date:*** | | | 20 August 2020 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-14 |
|  | *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)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Incorrect spelling of the element names "HPLMN" and "VPLMN" lead to inconsistency that has been noted multiple times by Plugtest participants. This is considered a serious problem, since it can lead to misinterpretation or ignoring of a list of PLMNs that the mission critical UE needs to use. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Changed incorrect spellings in the XML schema in subclause 7.2.2.3. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Possible misinterpretation or ignoring of a list of PLMNs that the mission critical UE needs to use. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 7.2.2.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 \* \* \* \* \***

#### 7.2.2.3 XML Schema

<?xml version="1.0" encoding="UTF-8"?>

<xs:schema xmlns:mcpttiup="urn:3gpp:mcptt:mcpttUEinitConfig:1.0"

xmlns:xs="http://www.w3.org/2001/XMLSchema"

targetNamespace="urn:3gpp:mcptt:mcpttUEinitConfig:1.0"

elementFormDefault="qualified" attributeFormDefault="unqualified">

<xs:import namespace="http://www.w3.org/XML/1998/namespace"

schemaLocation="http://www.w3.org/2001/xml.xsd"/>

<xs:element name="mcptt-UE-initial-configuration">

<xs:complexType>

<xs:choice minOccurs="0" maxOccurs="unbounded">

<xs:element name="mcptt-UE-id" type="mcpttiup:MCPTTUEIDType"/>

<xs:element name="name" type="mcpttiup:NameType"/>

<xs:element name="Default-user-profile" type="mcpttiup:UserProfileType"/>

<xs:element name="on-network" type="mcpttiup:On-networkType"/>

<xs:element name="off-network" type="mcpttiup:Off-networkType"/>

<xs:element name="anyExt" type="mcpttiup:anyExtType"/>

<xs:any namespace="##other" processContents="lax"/>

</xs:choice>

<xs:attribute name="domain" type="xs:anyURI" use="required"/>

<xs:attribute name="XUI-URI" type="xs:anyURI"/>

<xs:attribute name="Instance-ID-URN" type="xs:anyURI"/>

<xs:anyAttribute namespace="##any" processContents="lax"/>

</xs:complexType>

</xs:element>

<xs:complexType name="NameType">

<xs:simpleContent>

<xs:extension base="xs:token">

<xs:attribute ref="xml:lang"/>

<xs:attributeGroup ref="mcpttiup:IndexType"/>

</xs:extension>

</xs:simpleContent>

</xs:complexType>

<xs:complexType name="MCPTTUEIDType">

<xs:choice minOccurs="0" maxOccurs="unbounded">

<xs:element name="Instance-ID-URN" type="xs:anyURI"/>

<xs:element name="IMEI-range" type="mcpttiup:IMEI-rangeType"/>

<xs:element name="anyExt" type="mcpttiup:anyExtType" minOccurs="0"/>

<xs:any namespace="##other" processContents="lax"/>

</xs:choice>

<xs:attributeGroup ref="mcpttiup:IndexType"/>

<xs:anyAttribute namespace="##any" processContents="lax"/>

</xs:complexType>

<xs:complexType name="IMEI-rangeType">

<xs:sequence>

<xs:element name="TAC" type="mcpttiup:tacType"/>

<xs:choice minOccurs="0" maxOccurs="unbounded">

<xs:element name="SNR" type="mcpttiup:snrType"/>

<xs:element name="SNR-range" type="mcpttiup:SNR-rangeType"/>

</xs:choice>

<xs:element name="anyExt" type="mcpttiup:anyExtType" minOccurs="0"/>

<xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

</xs:sequence>

<xs:attributeGroup ref="mcpttiup:IndexType"/>

<xs:anyAttribute namespace="##any" processContents="lax"/>

</xs:complexType>

<xs:complexType name="SNR-rangeType">

<xs:sequence>

<xs:element name="Low-SNR" type="mcpttiup:snrType"/>

<xs:element name="High-SNR" type="mcpttiup:snrType"/>

<xs:element name="anyExt" type="mcpttiup:anyExtType" minOccurs="0"/>

<xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

</xs:sequence>

<xs:attributeGroup ref="mcpttiup:IndexType"/>

<xs:anyAttribute namespace="##any" processContents="lax"/>

</xs:complexType>

<xs:simpleType name="tac-baseType">

<xs:restriction base="xs:decimal">

<xs:totalDigits value="8"/>

</xs:restriction>

</xs:simpleType>

<xs:complexType name="tacType">

<xs:simpleContent>

<xs:extension base="mcpttiup:tac-baseType">

<xs:attributeGroup ref="mcpttiup:IndexType"/>

<xs:anyAttribute namespace="##any" processContents="lax"/>

</xs:extension>

</xs:simpleContent>

</xs:complexType>

<xs:simpleType name="snr-baseType">

<xs:restriction base="xs:decimal">

<xs:totalDigits value="6"/>

</xs:restriction>

</xs:simpleType>

<xs:complexType name="snrType">

<xs:simpleContent>

<xs:extension base="mcpttiup:snr-baseType">

<xs:attributeGroup ref="mcpttiup:IndexType"/>

<xs:anyAttribute namespace="##any" processContents="lax"/>

</xs:extension>

</xs:simpleContent>

</xs:complexType>

<xs:complexType name="UserProfileType">

<xs:attribute name="User-ID" type="xs:anyURI" use="required"/>

<xs:attribute name="user-profile-index" type="xs:unsignedByte" use="required"/>

<xs:attributeGroup ref="mcpttiup:IndexType"/>

<xs:anyAttribute namespace="##any" processContents="lax"/>

</xs:complexType>

<xs:complexType name="VPLMNType">

<xs:sequence>

<xs:element name="service" type="mcpttiup:ServiceType"/>

</xs:sequence>

<xs:attribute name="PLMN" type="xs:string" use="required"/>

<xs:anyAttribute namespace="##any" processContents="lax"/>

</xs:complexType>

<xs:complexType name="ServiceType">

<xs:sequence>

<xs:element name="MCPTT-to-con-ref" type="xs:string"/>

<xs:element name="MC-common-core-to-con-ref" type="xs:string"/>

<xs:element name="MC-ID-to-con-ref" type="xs:string"/>

<xs:element name="anyExt" type="mcpttiup:anyExtType" minOccurs="0"/>

<xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

</xs:sequence>

</xs:complexType>

<xs:complexType name="AuthMethodType">

<xs:sequence>

<xs:element name="mutual-authentication" type="xs:boolean"/>

<xs:element name="x509" type="xs:string" minOccurs="0"/>

<xs:element name="key" type="xs:string" minOccurs="0"/>

<xs:element name="anyExt" type="mcpttiup:anyExtType" minOccurs="0"/>

<xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

</xs:sequence>

</xs:complexType>

<xs:complexType name="On-networkType">

<xs:sequence>

<xs:element name="Timers">

<xs:complexType>

<xs:sequence>

<xs:element name="T100" type="xs:unsignedByte"/>

<xs:element name="T101" type="xs:unsignedByte"/>

<xs:element name="T103" type="xs:unsignedByte"/>

<xs:element name="T104" type="xs:unsignedByte"/>

<xs:element name="T132" type="xs:unsignedByte"/>

<xs:element name="anyExt" type="mcpttiup:anyExtType" minOccurs="0"/>

<xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="HPLMN">

<xs:complexType>

<xs:sequence>

<xs:element name="service" type="mcpttiup:ServiceType"/>

<xs:element name="VPLMN" type="mcpttiup:VPLMNType" minOccurs="0" maxOccurs="unbounded"/>

</xs:sequence>

<xs:attribute name="PLMN" type="xs:string" use="required"/>

</xs:complexType>

</xs:element>

<xs:element name="App-Server-Info">

<xs:complexType>

<xs:sequence>

<xs:element name="idms-auth-endpoint" type="xs:anyURI"/>

<xs:element name="idms-token-endpoint" type="xs:anyURI"/>

<xs:element name="http-proxy" type="xs:anyURI"/>

<xs:element name="gms" type="xs:anyURI"/>

<xs:element name="cms" type="xs:anyURI"/>

<xs:element name="kms" type="xs:anyURI"/>

<xs:element name="tls-tunnel-auth-method" type="mcpttiup:AuthMethodType"/>

<xs:element name="anyExt" type="mcpttiup:anyExtType" minOccurs="0"/>

<xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="GMS-URI" type="xs:anyURI"/>

<xs:element name="group-creation-XUI" type="xs:anyURI"/>

<xs:element name="GMS-XCAP-root-URI" type="xs:anyURI"/>

<xs:element name="CMS-XCAP-root-URI" type="xs:anyURI"/>

<xs:element name="integrity-protection-enabled" type="xs:boolean"/>

<xs:element name="confidentiality-protection-enabled" type="xs:boolean"/>

<xs:element name="anyExt" type="mcpttiup:anyExtType" minOccurs="0"/>

<xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

</xs:sequence>

<xs:attributeGroup ref="mcpttiup:IndexType"/>

<xs:anyAttribute namespace="##any" processContents="lax"/>

</xs:complexType>

<xs:complexType name="Off-networkType">

<xs:sequence>

<xs:element name="Timers">

<xs:complexType>

<xs:sequence>

<xs:element name="TFG1" type="xs:unsignedShort"/>

<xs:element name="TFG2" type="xs:unsignedShort"/>

<xs:element name="TFG3" type="xs:unsignedShort"/>

<xs:element name="TFG4" type="xs:unsignedByte"/>

<xs:element name="TFG5" type="xs:unsignedByte"/>

<xs:element name="TFG11" type="xs:unsignedShort"/>

<xs:element name="TFG12" type="xs:unsignedShort"/>

<xs:element name="TFG13" type="xs:unsignedByte"/>

<xs:element name="TFG14" type="xs:unsignedByte"/>

<xs:element name="TFP1" type="xs:unsignedShort"/>

<xs:element name="TFP2" type="xs:unsignedByte"/>

<xs:element name="TFP3" type="xs:unsignedShort"/>

<xs:element name="TFP4" type="xs:unsignedShort"/>

<xs:element name="TFP5" type="xs:unsignedShort"/>

<xs:element name="TFP6" type="xs:unsignedShort"/>

<xs:element name="TFP7" type="xs:unsignedByte"/>

<xs:element name="TFB1" type="xs:unsignedShort"/>

<xs:element name="TFB2" type="xs:unsignedByte"/>

<xs:element name="TFB3" type="xs:unsignedByte"/>

<xs:element name="T201" type="xs:unsignedShort"/>

<xs:element name="T203" type="xs:unsignedByte"/>

<xs:element name="T204" type="xs:unsignedByte"/>

<xs:element name="T205" type="xs:unsignedByte"/>

<xs:element name="T230" type="xs:unsignedByte"/>

<xs:element name="T233" type="xs:unsignedByte"/>

<xs:element name="TFE1" type="xs:unsignedShort"/>

<xs:element name="TFE2" type="xs:unsignedByte"/>

<xs:element name="anyExt" type="mcpttiup:anyExtType" minOccurs="0"/>

<xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="Counters">

<xs:complexType>

<xs:sequence>

<xs:element name="CFP1" type="xs:unsignedByte"/>

<xs:element name="CFP3" type="xs:unsignedByte"/>

<xs:element name="CFP4" type="xs:unsignedByte"/>

<xs:element name="CFP6" type="xs:unsignedByte"/>

<xs:element name="CFG11" type="xs:unsignedByte"/>

<xs:element name="CFG12" type="xs:unsignedByte"/>

<xs:element name="C201" type="xs:unsignedByte"/>

<xs:element name="C204" type="xs:unsignedByte"/>

<xs:element name="C205" type="xs:unsignedByte"/>

<xs:element name="anyExt" type="mcpttiup:anyExtType" minOccurs="0"/>

<xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="anyExt" type="mcpttiup:anyExtType" minOccurs="0"/>

<xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

</xs:sequence>

<xs:attributeGroup ref="mcpttiup:IndexType"/>

<xs:anyAttribute namespace="##any" processContents="lax"/>

</xs:complexType>

<xs:attributeGroup name="IndexType">

<xs:attribute name="index" type="xs:token"/>

</xs:attributeGroup>

<xs:complexType name="anyExtType">

<xs:sequence>

<xs:any namespace="##any" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

</xs:sequence>

</xs:complexType>

</xs:schema>

##### **\* \* \* \* \* END CHANGES \* \* \* \* \***