**3GPP TSG-CT WG3 Meeting #108-eC3-201104**

[**E-Meeting**](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_108_Sophia_Antipolis/)**, 19th -28th February 2020 (Revision of C3-201xyz)**

|  |
| --- |
| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **29.507** | **CR** | **0098** | **rev** | **-** | **Current version:** | **16.2.0** |  |
|  |
| *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)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

|  |
| --- |
|  |
| ***Title:***  | The data type of GlobalLineId |
|  |  |
| ***Source to WG:*** | Huawei |
| ***Source to TSG:*** | CT3 |
|  |  |
| ***Work item code:*** | 5WWC |  | ***Date:*** | 2020-02-28 |
|  |  |  |  |  |
| ***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 canbe 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:*** | The data type of GlobalLineId is FFS. |
|  |  |
| ***Summary of change:*** | 29.571 CR proposes to include the Global Iine Id within the N3gaLocation. So the editor’s note can be deleted. |
|  |  |
| ***Consequences if not approved:*** | FFS is not resolved |
|  |  |
| ***Clauses affected:*** | B.3.2.1 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** | **X** |  |  Other core specifications  | TS29.571 ... CR #0187... |
| ***affected:*** |  | **X** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** | This CR does not impact the OpenAPI file. |
|  |  |
| ***This CR's revision history:*** |  |

\*\*\* 1st Change \*\*\*

### B.3.2.1 General

The procedure defined in clause 4.2.2.1 is applied with following differences:

- UE is replaced by the 5G-RG or FN-RG if applicable.

- Handling of RFSP information is not applicable if the 5G-RG or FN-RG connects the 5GC via wireline access.

- Global Line ID including the line Id and either PLMN Id or operator Id is encoded within the "globalLineId" attribute of the "n3gaLocation" attribute included in the "userLoc" attribute within the PolicyAssociationRequest data structure when the 5G-RG or FN-RG connects the 5GC via W-5GBAN.

- The HFC Node Identifier including the HFC Node Id and optionally the MAC address of the 5G-CRG/FN-CRG is encoded in the "hfcNodeId" attribute of the "n3gaLocation" attribute included in the "userLoc" attribute within the PolicyAssociationRequest data structure when the 5G-CRG or FN-CRG connects to the 5GC via W-5GCAN.

- Only Change of Service Area restriction and/or Change of the Allowed NSSAI policy control request triggers are provided by the PCF when the 5G-RG or FN-RG connects the 5GC via wireline access.

- The PolicyAssociationRequest data structure shall include, if available, and if the feature "WirelineWirelessConvergence" is supported, wireline access Service Area Restrictions (see subclause B.3.2.x2.2) derived from the wireline access Service Area Restrictions obtained from the UDM by mapping any service areas denoted by geographical information into Line IDs (for a 5G-BRG) or HFC Node IDs (for a 5G-CRG and FN-CRG) encoded as "wlServAreaRes" attribute.

- The PolicyAssociation data type returned as body of the HTTP "201 Created" response shall include if the feature "WirelineWirelessConvergence" is supported, and if the PCF received the "wlServAreaRes" in the request, wireline Service Area Restrictions encoded as "wlServAreaRes" attribute.

- if the feature "MultipleAccessTypes" is supported, the NF service consumer (e.g. AMF) shall include:

a) the RAT type entry corresponding to non-3GPP wireline access encoded in the "ratTypes" attribute, if available; and

b) the "accessTypes" attribute indicating registration in the 3GPP access, or registration in the non-3GPP access, or registration in both 3GPP and non-3GPP access, if available.

- if the feature "MultipleAccessTypes" is supported, the PCF may include in the PolicyAssociation data type

a) the change of access type Policy Control Request Trigger within the "triggers" attribute.

- If the feature "SliceSupport" is supported in the AMF, the UE is registered in the non-3GPP access, and the feature "MultipleAccessTypes" is supported, the NF service consumer (e.g. AMF) shall include the allowed NSSAI in the non-3GPP access encoded in the "n3gAllowedSnssais" attribute.

- The PEI that may be included within the "pei" attribute shall have one of the following representations:

i. If the 5G-BRG supports only wireline access, the PEI shall be the 5G-BRG MAC address.

ii. If the 5G-CRG supports only wireline access, the PEI shall be the cable modem MAC address.

iii. If the 5G-RG supports at least one 3GPP access technology, the PEI shall be the allocated IMEI or IMEISV.

iv. For the FN-BRG and FN-CRG, the PEI shall be the FN-RG MAC address.

\*\*\* End of Change \*\*\*