**TSG-CT WG3 Meeting #118-e *C3-215075***

**E-Meeting, 11th – 15th October 2021 (Revision of C3-215xyz)**

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| --- |
| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **29.512** | **CR** | 0844 | **rev** | **-** | **Current version:** | **17.4.0** |  |
|  |
| *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:***  | Resolve the editor’s note for bridge Id |
|  |  |
| ***Source to WG:*** | Huawei, Nokia, Nokia Shanghai Bell |
| ***Source to TSG:*** | CT3 |
|  |  |
| ***Work item code:*** | IIoT |  | ***Date:*** | 2021-10-11 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***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 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-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)* |
|  |  |
| ***Reason for change:*** | As defined in 5.28.1 of TS 23.501, Bridge ID is to distinguish between bridge instances within 5GS. The Bridge ID can be derived from the unique bridge MAC address as described in IEEE Std 802.1Q [98], or set by implementation specific means ensuring that unique values are used within 5GS. The "bridgeId" attribute is defined as "Uint64" date type and can be used to distinguish between brige instances within 5GS. It is also noticed that there’s no new elements defined in 29.244 to contain the bridge Id. |
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| ***Summary of change:*** | Remove the editor’s notes. Clarify how to set the user plane node Id. |
|  |  |
| ***Consequences if not approved:*** | Open issues are not resolved. |
|  |  |
| ***Clauses affected:*** | 5.6.2.41. |
|  |  |
|  | **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 does not impact the OpenAPI file. |
|  |  |
| ***This CR's revision history:*** |  |

**Additional discussion(if needed):**

**Proposed changes:**

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

#### 5.6.2.41 Type TsnBridgeInfo

Table 5.6.2.41-1: Definition of type TsnBridgeInfo

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| bridgeId | Uint64 | O | 0..1 | Contains a TSC user plane node Id. It may contain the unique TSN Bridge MAC address for IEEE TSN networks (as defined in IEEE 802.1Q [45] clause 14.2.5) or may contain a unique identifier assigned within 5GS. |  |
| dsttAddr | MacAddr48 | O | 0..1 | Contain the MAC address of DS-TT. |  |
| dsttIpv4Addr | Ipv4Addr | O | 0..1 | Contain the IPv4 address of DS-TT. | TimeSensitiveCommunication |
| dsttIpv6Addr | Ipv6Addr | O | 0..1 | Contain the IPv6 address of DS-TT. | TimeSensitiveCommunication |
| dsttPortNum | TsnPortNumber | O | 0..1 | DS-TT port allocated to a PDU session. |  |
| dsttResidTime | Uinteger | O | 0..1 | The time taken within the UE and DS-TT to forward a packet between the UE/DS-TT port encoded as specified in subclause 9.11.4.26 of 3GPP TS 24.501 [20] starting with octet 3 and ending with octet 10. |  |

\*\*\* End of Changes \*\*\*