**3GPP TSG-CT WG4 Meeting #99eC4-204xxx**

**E-Meeting, 18th – 28th August 2020**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **23.003** | **CR** | **0593** | **rev** | **1** | **Current version:** | **15.9.0** |  |
|  |
| *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:***  | SMSF FQDN |
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| ***Source to WG:*** | NTT DOCOMO |
| ***Source to TSG:*** | CT4 |
|  |  |
| ***Work item code:*** | 5GS\_Ph1-CT |  | ***Date:*** | 2020-07-20 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-15 |
|  | *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:*** | Rel-15 CR 0034 to TS 29.338 ([C4-203609](https://www.3gpp.org/ftp/tsg_ct/WG4_protocollars_ex-CN4/TSGCT4_98e_meeting/Docs/C4-203609.zip)) has specified usage of the SMSF address being a Diameter identity. The Diameter identity is FQDN. However the definition of SMSF FQDN is still missing. |
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| ***Summary of change:*** | To add the definition of SMSF FQDN |
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| ***Consequences if not approved:*** | Potential mis-assignment of SMSF FQDN |
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| ***Clauses affected:*** | 28.3.2.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 ...  |
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| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

---Start of the Change---

28.3.2.x Short Message Service Function (SMSF) FQDN

The Short Message Service Function (SMSF) FQDN shall be constructed by prefixing its Home Network Domain Name (see clause 28.2) with the label "smsf" and with label(s) assigned by a PLMN as described below:

- <label(s) assigned by a PLMN>.smsf.5gc.mnc<MNC>.mcc<MCC>.3gppnetwork.org

This format shall be used as a Diameter identity of an SMSF. A Diameter realm of an SMSF shall be a Home Network Domain Name (see clause 28.2), i.e.:

- 5gc.mnc<MNC>.mcc<MCC>.3gppnetwork.org

---End of the Change---