**3GPP TSG-CT WG1 Meeting #135-eC1-22xxxx**

**E-meeting, 6th -12th April 2022**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **24.501** | **CR** | **4240** | **rev** | **1** | **Current version:** | **17.6.1** |  |
|  |
| *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:***  | Exemptions for the network slice data rate limitation control |
|  |  |
| ***Source to WG:*** | vivo |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | eNS\_Ph2 |  | ***Date:*** | 2022-03-28 |
|  |  |  |  |  |
| ***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 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)* |
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| ***Reason for change:*** | For the network slice data rate limitation control, the exemptions shown as follows excerpted from TS 23.503 are not captured in CT1 specification:*NOTE 4: Subject to operator policy and national/regional regulations, prioritised services and emergency services may be exempted from the limitation of data rate per network slice.* |
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| ***Summary of change:*** | Based on operator policy, the network slice data rate limitation control is not applicable for the S-NSSAI used for emergency services or priority services.  |
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| ***Consequences if not approved:*** | Wrong understanding that all the PDU sessions shall be monitored and controlled by network slice data rate limitation control. |
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| ***Clauses affected:*** | 4.6.3.4 |
|  |  |
|  | **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 \* \* \* \*

#### 4.6.3.4 Session management based network slice data rate limitation control

A serving PLMN or the HPLMN can perform network slice data rate limitation control for the S-NSSAI(s) subject to network slice data rate limitation control to monitor and control the total data rate of established PDU sessions per network slice as specified in 3GPP TS 23.503 [10]. If the maximum data rate of PDU sessions on a network slice associated with an S-NSSAI has been exceeded during the PDU session establishment procedure, the SMF may reject the PDU session establishment request using S-NSSAI based congestion control as specified in clause 6.2.8 and 6.4.1.4.2.

A serving PLMN or the HPLMN can perform management of Slice-Maximum Bit Rate per UE (UE-Slice-MBR) as specified in 3GPP TS 23.503 [10]. When the UE-Slice-MBR for the UE and S-NSSAI to which the PDU session is allocated is exceeded during the PDU session establishment procedure, the SMF may reject the PDU session establishment request using S-NSSAI based congestion control as specified in clause 6.2.8 and 6.4.1.4.2.

NOTE 1: Based on operator policy, the network slice data rate limitation control may be not applicable for the S-NSSAI(s) used for emergency services or priority services.

NOTE 2: The network slice data rate limitation control and UE-Slice-MBR management are performed by the PCF.

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