**3GPP TSG-SA5 Meeting #133-e *S5-205038***

**Online, , 12th Oct 2020 - 21st Oct 2020**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **28.541** | **CR** |  | **rev** | **-** | **Current version:** | **17.0.0** |  |
|  |
| *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 | **×** |

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|  |
| ***Title:***  | GST Configuration |
|  |  |
| ***Source to WG:*** | Samsung Research America |
| ***Source to TSG:*** | S5 |
|  |  |
| ***Work item code:*** | EMA5SLA |  | ***Date:*** | 2020-10-01 |
|  |  |  |  |  |
| ***Category:*** | **C** |  | ***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:*** | Section L.2 says: Some of the information in 5GC SliceProfile and NG-RAN SliceProfile is translated to configurable parameters of network function for the control plane SLA support purpose. This need to be further extended with respect to identifying GST attributes that will be translated into configurable parameter |
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| ***Summary of change:*** | Existing ANNEX is extended to include crucial aspect of GST management. |
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| ***Consequences if not approved:*** | In-complete GST management solution. |
|  |  |
| ***Clauses affected:*** | L |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **×** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  | **×** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **×** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** | This is input to the Rel-17 28.541 DraftCR Annex L |
|  |  |
| ***This CR's revision history:*** |  |

------------------------------------------------------------Change 1 Start-----------------------------------------------------------

Annex L (normative):
Relation of GSMA GST, ServiceProfile and SliceProfile

# L.1 General

This annex describes the relation between GSMA GST [50] and information model ServiceProfile and SliceProfile.

# L.2 GSMA GST, ServiceProfile and SliceProfile

The GSMA GST is used as the SLA information for the communication between the vertical industry and the communication service provider. The SLA requirements can be fulfilled from management aspect and control aspect in a coordinated way. The SLS includes ServiceProfile information model.

As shown in figure L.2.1, the GST [50] is translated and used as input to NRM ServiceProfile, the ServiceProfile can be translated to corresponding requirements for dedicated domains. For example, 5GC SliceProfile is used to carry 5GC domain requirements, NG-RAN SliceProfile is used to carry NG-RAN domain requirements, and TN requirements are translated and provided to TN domain.

Some of the information (e.g maximum number of connection per slice, downlink throughput per slice) in 5GC SliceProfile and NG-RAN SliceProfile is translated to configurable parameters related to of network function behaviour for the control plane SLA support purpose. While other information (e.g delay tolerance, determistic communication support) in 5GC SliceProfile and NG-RAN SliceProfile are kept at OAM domain and is used to determine the overall behaviour of the network slice.



Figure L.2.1 Relation between GSMA GST, ServiceProfile and SliceProfile

------------------------------------------------------------Change 1 End-----------------------------------------------------------