**3GPP TSG-CT WG3 Meeting #130 *C3-234xxx***

**Xiamen, China, 9 - 13 October, 2023 was C3-234346**

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| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **29.538** | **CR** | **0034** | **rev** | **1** | **Current version:** | **18.3.0** |  |
|  |
| *For* ***[HE](http://www.3gpp.org/3G_Specs/CRs.htm%22%20%5Cl%20%22_blank)******[LP](http://www.3gpp.org/3G_Specs/CRs.htm%22%20%5Cl%20%22_blank)*** *on using this form: comprehensive instructions can be found at <http://www.3gpp.org/Change-Requests>.* |
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| ***Proposed change affects:*** | UICC apps |  | ME | **x** | Radio Access Network |  | Core Network | **x** |

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|  |
| ***Title:***  | Service Description of Messaging Topic Events |
|  |  |
| ***Source to WG:*** | China Mobile |
| ***Source to TSG:*** | CT3 |
|  |  |
| ***Work item code:*** | 5GMARCH\_Ph2 |  | ***Date:*** | 2023-09-28 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***Release:*** | Rel-18 |
|  | *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-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
|  |  |
| ***Reason for change:*** | The MSGS\_TopiclistEvents was specified in TS 23 554 R18 stage 2, and the stage 2 CR S6-232870 proposed topic unsubscription operations. In order to align, this CR is proposed to add the MSGS\_TopiclistEvents Service description and operations to TS 29.538. |
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| ***Summary of change:*** | Add service description for MSGS\_TopiclistEvents service |
|  |  |
| ***Consequences if not approved:*** | The functionality of Messaging Topic cannot be implemented. |
|  |  |
| ***Clauses affected:*** | 5.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 ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

\* \* \* First Change \* \* \* \*

## 5.x MSGS\_TopiclistEvent

### 5.x.1 Service Description

The MSGS\_TopiclistEvent API Service corresponding to Mm5s as defined in 3GPP TS 23.554 [2], is provided by the MSGin5G Server.

This service:

- allows another MSGin5G Server invokes services provided by MSGin5G Server to subscribe or unsubscribe to MSGin5G Messaging Topic;

- allows another MSGin5G Server invokes services provided by MSGin5G Server to subscribe or unsubscribe to MSGin5G Messaging Topic list;

- allows another MSGin5G Server invokes services provided by MSGin5G Server to notify changes of MSGin5G Messaging Topic list;

### 5.x.2 Service Operations

#### 5.x.2.1 Introduction

The service operation defined for MSGS\_TopiclistEvent service is shown in the Table 5.x.2.1-1, corrresponds to clause 9.1.1.6 as defined in 3GPP TS 23.554 [2].

Table 5.x.2.1-1: Operations of the MSGS\_TopiclistEvent Service

|  |  |  |
| --- | --- | --- |
| Service operation name | Description | Initiated by |
| MSGS\_TopiclistEvent\_SubscribeMSGTopiclist | This service operation is used by MSGin5G Server to subscribe to Messaging Topic list on another MSGin5G Server. | MSGin5G Server |
| MSGS\_TopiclistEvent\_UnsubscribeMSGTopiclist | This service operation is used by MSGin5G Server to unsubscribe to Messaging Topic list on another MSGin5G Server. | MSGin5G Server |
| MSGS\_TopiclistEvent\_NotifyMSGTopiclist | This service operation is used by MSGin5G Server, to deliver the notification of Messaging Topic list changes. | MSGin5G Server |
| MSGS\_TopiclistEvent\_SubscribeMSGTopic | This service operation is used by MSGin5G Server (on behalf of Application Server or MSGin5G Client) to subscribe to Messaging Topic on the MSGin5G Server.  | MSGin5G Server |
| MSGS\_TopiclistEvent\_UnsubscribeMSGTopic | This service operation is used by MSGin5G Server(on behalf of Application Server or MSGin5G Client) to unsubscribe to Messaging Topic on the MSGin5G Server. | MSGin5G Server |

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