**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" \l "_blank)******[LP](http://www.3gpp.org/3G_Specs/CRs.htm" \l "_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 can be 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. | | | | | | | | |
|  | |  | | | | | | | | |
| ***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 \* \* \* \*