**3GPP TSG-CT3 Meeting #122-e *C3-223202r2***

**E-meeting, 12th - 20th May 2022**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.513** | **CR** | **0365** | **rev** | **1** | **Current version:** | **17.6.0** |  |
|  | | | | | | | | |
| *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:*** | Specification of PCC MBS Session Modification | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | C3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5MBS | | | | |  | ***Date:*** | | | 2022-04-26 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***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 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:*** | | TS 23.247 has introduced an enhanced 5G System architecture for Multicast and Broadcast Services. Dynamic PCC is impacted due to the introduction of these services and thus the flows in TS 29.513 need to be updated accordingly. This CR specifies the new flow related to the PCC MBS Policy Association modification. | | | | | | | | |
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| ***Summary of change:*** | | Specification of the flow related to the MBS Policy Association modification. | | | | | | | | |
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| ***Consequences if not approved:*** | | Non-support of 5G MBS Policy Association establishment procedures. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.7.3 (new); 5.7.3.1 (new); 5.7.3.2 (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 \* \* \* \*

### 5.7.3 MBS Policy Association Modification

#### 5.7.3.1 General

The MBS Policy Association Modification procedure may be initiated by the PCF.

Editor's Note: TS 23.247 only shows PCF initiated procedures. Policy Control Request Triggers are not defined. Handling of errors that require a new interaction from MB-SMF need also stage 3 work. Depending on stage 2 and stage 3 progress, MB-SMF initiated procedures would need to be added (new subclause 5.7.3.2.3).

##### 5.7.3.2 MBS Policy Association Modification initiated by the PCF

This procedure is performed when the PCF needs to modify MBS policy decisions related to an existing MBS Policy Association.



Figure 5.7.3.2-1: MBS Policy Association Modification procedure

1. The PCF receives a trigger to re-evaluate MBS policy decision related to an existing MBS Policy Association.

Editor's Note: Triggers that may initiate this procedure are FFS: e.g. reception of a request via the Npcf\_MBSPolicyAuthorization API and internal triggers.

2. The PCF invokes the Npcf\_MBSPolicyControl\_UpdateNotify service operation by sending an HTTP POST request to the previously subscribed MB-SMF targeting the callback URI "{notificationUri}/update". The request body shall include the MBS Policy Association Identifier and the updated MBS policies, as described in clause 5.2.2.3.2 of 3GPP TS 29.537 [yy].

3. Upon success, the MB-SMF responds to the PCF with an HTTP "204 No Content" status code.

\* \* \* \* End of changes \* \* \* \*