**3GPP TSG-CT3 Meeting #122-e *C3-223201r2***

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

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.513** | **CR** | **0364** | **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 Creation | | | | | | | | | |
|  |  | | | | | | | | | |
| ***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 creation. | | | | | | | | |
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| ***Summary of change:*** | | Specification of the flow related to the MBS Policy Association establishment. | | | | | | | | |
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| ***Consequences if not approved:*** | | Non-support of 5G MBS Policy Association establishment procedures. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.7.2 (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 \* \* \* \*

### 5.7.2 MBS Policy Association Establishment

This subclause is applicable if a new MBS Policy Association is being established.



Figure 5.7.2.1-1: MBS Policy Association Establishment procedure

1. Upon reception of an Nmbsmf\_MBSession\_Create request from the NEF/MBSF, the MB-SMF invokes the Npcf\_MBSPolicyControl\_Create service operation by sending an HTTP POST request to the "mbs-policies" resource as defined in clause 5.2.2.2 of 3GPP TS 29.537 [yy] with the request operation body containing the concerned MBS Session Id, DNN and S-NSSAI. The request body also includes a notification URI via which the MB-SMF desires to receive notifications on the updates related to MBS policies.

Editor's Note: The complete list of attributes is FFS.

1. The PCF derives the MBS policies based on the received information and packages them into an MBS policy decision as described in clause 5.2.2 of 3GPP TS 29.537 [yy].

Editor's Note: Whether the PCF needs to interact with UDR at this point and whether BSF needs to be contacted for PCF registration is FFS.

1. The PCF then responds to the MB-SMF with an HTTP "201 Created" status code with the response body including the derived MBS policy as described in clause 5.2.2 of 3GPP TS 29.537 [yy].

Editor's Note: Whether Npcf\_PolicyAuthorization procedures are linked to this procedure and how it is done is FFS.

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