**3GPP TSG-CT WG4 Meeting #110-eC4-223335**

**E-Meeting, 12th – 20th May 2022**  *Revision of C4-223040*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.518** | **CR** | **0729** | **rev** | **2** | **Current version:** | **17.5.0** |  |
|  | | | | | | | | |
| *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** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Adding MBS session ID to ContextCreateRspData | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | CT4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5MBS | | | | |  | ***Date:*** | | | 2022-04-29 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | When creating an MBS session, 'ContextCreateRspData' does not contain MBS session ID. If PTP tunnel is used between NG-RAN and MB-UPF for the broadcast MBS session, MB-SMF may not select the suitable MB-UPF. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | New attribute ' mbsSessionId' is added to 'ContextCreateRspData' type. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | MB-SMF may or may not select the suitable MB-UPF. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.5.6.2.3, A.6. | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 offers backward compatible changes to Namf\_MBSBroadcast API. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | Rev1: 'mbsSessionId' became mandatory and moved up to be the first attribute in the message. A.6 is also corrected.  Rev2: Cadinality of the new ' mbsSessionId' is corrected. | | | | | | | | |

**\*\*\*\*\*\*\***

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

##### 6.5.6.2.3 Type: ContextCreateRspData

Table 6.5.6.2.3-1: Definition of type ContextCreateRspData

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description |
| mbsSessionId | MbsSessionId | M | 1 | MBS session identifier. |
| n2MbsSmInfoList | array(N2MbsSmInfo) | O | 1..10 | When present, this IE shall contain N2 MBS Session Management related information (see clause 6.5.6.4). |
| operationStatus | OperationStatus | C | 0..1 | This IE shall be present and indicate the completion of the MBS session start operation, if the AMF received the NG-RAN responses from all involved NG-RAN(s). |

\* \* \* 2nd Change \* \* \* \*

## A.6 Namf\_MBSBroadcast API

openapi: 3.0.0

info:

version: 1.0.0-alpha.2

title: Namf\_MBSBroadcast

description: |

AMF MBSBroadcast Service

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externalDocs:

description: 3GPP TS 29.518 V17.5.0; 5G System; Access and Mobility Management Services

url: 'https://www.3gpp.org/ftp/Specs/archive/29\_series/29.518/'

## Skipped for clarity ##

ContextCreateRspData:

description: Data within ContextCreate Response

type: object

properties:

mbsSessionId：

$ref: 'TS29571\_CommonData.yam#/components/schemas/MbsSessionId'

n2MbsSmInfoList:

type: array

items:

$ref: '#/components/schemas/N2MbsSmInfo'

minItems: 1

maxItems: 10

operationStatus:

$ref: '#/components/schemas/OperationStatus'

required:

- mbsSessionId

## Skipped for clarity ##

\* \* \* End of Changes \* \* \* \*