**3GPP TSG-CT WG4 Meeting #109-eC4-222xyz**

**E-Meeting, 06th – 12th April 2022 (was C4-222213)**

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| --- |
| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **29.500** | **CR** | **0330** | **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:***  | New values for the 3gpp-Sbi-Callback HTTP custom header |
|  |  |
| ***Source to WG:*** | Ericsson |
| ***Source to TSG:*** | CT4 |
|  |  |
| ***Work item code:*** | SBIProtoc17 |  | ***Date:*** | 2022-03-14 |
|  |  |  |  |  |
| ***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 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-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)* |
|  |  |
| ***Reason for change:*** | TS 29.503 and TS 29.563 have introduced new notifications which are not documented on TS 29.500 Annex B, as possible values for the 3gpp-Sbi-Callback custom header.The current wording of the Annex may give the impression that Table B.1 must include all possible header values for all callback types, which is not really the intention, after a general rule was defined to construct those headers. |
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| ***Summary of change:*** | Clairfy that the list of headers in Table B-1 is not exhaustive. |
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| ***Consequences if not approved:*** | Unclear specification. |
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| ***Clauses affected:*** | 2, Annex B |
|  |  |
|  | **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 \* \* \* \*

Annex B (normative):
3gpp-Sbi-Callback Types

This annex specifies allowed 3GPP SBI callback type values for the "3gpp-Sbi-Callback" HTTP custom header specified in clause 5.2.3.2.3.

Table B-1 contains a non-exhaustive list of callbacks that are invoked on the 3GPP 5GS.

Table B-1: Non-exhaustive list of values for the "3gpp-Sbi-Callback" Custom HTTP Header

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| --- | --- |
| Value for "3gpp-Sbi-Callback" Custom HTTP Header | Reference |
| "Nsmf\_PDUSession\_Update" | 3GPP TS 29.502 [28], Clause 5.2.2.8.3.2, 5.2.2.8.3.3, 5.2.2.8.3.4 and 5.2.2.8.3.5.  |
| "Nsmf\_PDUSession\_StatusNotify" | 3GPP TS 29.502 [28], Clause 5.2.2.10. |
| "Nudm\_SDM\_Notification" | 3GPP TS 29.503 [29], Clause 6.1.5.2 |
| "Nudm\_UECM\_DeregistrationNotification" | 3GPP TS 29.503 [29], Clause 6.2.5.2 |
| "Nudm\_UECM\_PCSCFRestorationNotification" | 3GPP TS 29.503 [29], Clause 6.2.5.3 |
| "Nnrf\_NFManagement\_NFStatusNotify" | 3GPP TS 29.510 [8], Clause 6.1.5.2. |
| "Namf\_EventExposure\_Notify" | 3GPP TS 29.518 [31], Clause 6.2.5.2. |
| "Npcf\_UEPolicyControl\_UpdateNotify" | 3GPP TS 29.525 [35], Clauses 4.2.4, 5.5.2 and 5.5.3. |
| "Nnssf\_NSSAIAvailability\_Notification" | 3GPP TS 29.531 [32], Clause 6.2.5.2 |
| "Namf\_Communication\_AMFStatusChangeNotify" | 3GPP TS 29.518 [31], Clause 6.1.5.2. |
| "Ngmlc\_Location\_EventNotify" | 3GPP TS 29.515 [40], Clause 6.1.4.2. |
| "Nchf\_ConvergedCharging\_Notify" | 3GPP TS 32.291 [42], Clause 6.1.5.2 |
| "Nnssaaf\_NSSAA\_ReAuthentication" | 3GPP TS 29.526 [44], Clause 6.1.5.2. |
| "Nnssaaf\_NSSAA\_Revocation" | 3GPP TS 29.526 [44], Clause 6.1.5.3. |
| "N5g-ddnmf\_Discovery\_MonitorUpdateResult" | 3GPP TS 29.555 [46], Clause 6.1.5.2. |
| "N5g-ddnmf\_Discovery\_MatchInformation" | 3GPP TS 29.555 [46], Clause 6.1.5.3. |
| … | … |

For notification and callback service operations (used across PLMNs or within a PLMN) that are not part of TableB.1, the value of the header shall be constructed as follows:

"<API name taken from the heading of the relevant annex A.x as defined in the corresponding 3GPP TS of that API>\_<name of the callback service operation in the corresponding OpenAPI specification file>"

EXAMPLE: Nsmf\_PDUSession\_smContextStatusNotification (for the Notify SM Context Status service operation)

where the "smContextStatusNotification" correspond to:

 callbacks:

 smContextStatusNotification:

 '{$request.body#/smContextStatusUri}':

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