**3GPP TSG-CT WG3 Meeting #127eC3-231274**

**E-meeting, 17th – 21st, April, 2023 (revision of C3-231xxx)**

|  |
| --- |
| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **29.512** | **CR** | 1060 | **rev** | **-** | **Current version:** | **18.1.0** |  |
|  |
| *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)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

|  |
| --- |
|  |
| ***Title:***  | Applicability of the policy control request trigger for convergence scenario |
|  |  |
| ***Source to WG:*** | Huawei |
| ***Source to TSG:*** | CT3 |
|  |  |
| ***Work item code:*** | SMPC18 |  | ***Date:*** | 2023-03-15 |
|  |  |  |  |  |
| ***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 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-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
|  |  |
| ***Reason for change:*** | There are some new defined policy control request trigger are not applicable to the convergence scenario (i.e. DDN\_FAILURE\_CANCELLATION and DDN\_DELIVERY\_STATUS\_CANCELLATION). It shall be reflected in annex C.2.1.5. |
|  |  |
| ***Summary of change:*** | Some new policy control request triggers which are not applicable to the convergence scenario are defined in annex C.2.1.5. |
|  |  |
| ***Consequences if not approved:*** | Not complete descriptions. |
|  |  |
| ***Clauses affected:*** | C.2.1.5 |
|  |  |
|  | **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:*** | This CR does not impact the OpenAPI file. |

**Additional discussion(if needed):**

**Proposed changes:**

\*\*\* 1st Change \*\*\*

### C.2.1.5 Policy control request trigger

The Policy Control Request Triggers defined in clause 5.6.3.6 and related procedures are supported for a 5G-RG connecting to the 5GC via NG-RAN.

The Policy Control Request Triggers defined in clause 5.6.3.6 are supported for a 5G-RG or FN-RG connecting to the 5GC via W-5GAN with the following not supporting ones:

- PLMN\_CH

- SAREA\_CH

- SCNN\_CH

- PRA\_CH

- PS\_DA\_OFF

- QOS\_NOTIF

- RES\_RELEASE

- UE\_STATUS\_RESUME

- TSN\_BRIDGE\_INFO

- QOS\_MONITORING

- SCELL\_CH

- EPS\_FALLBACK

- DDN\_FAILURE

- DDN\_DELIVERY\_STATUS

- DDN\_FAILURE\_CANCELLATION

- DDN\_DELIVERY\_STATUS\_CANCELLATION

- USER\_LOCATION\_CH

- UE\_POL\_CONT\_INDConsequently, the procedures related to above policy control request triggers are not supported in the corresponding service operations.

The PS\_DA\_OFF Policy Control Request Trigger may apply for the 5G-RG connecting to the 5GC via W-5GAN (see clause 4.2.2.8 and 4.2.4.8) in an hybrid access scenario (see clause C.3.6.2).

The RES\_MO\_RE Policy Control Request trigger is not supported for a FN-RG as described in BBF TR-456 [47] and CableLabs WR-TR-5WWC-ARCH [48] specification.

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