**3GPP TSG-SA5 Meeting #130eS5-202277rev1**

**e-meeting 20-28 April 2020**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **32.290** | **CR** | **0116** | **rev** | **-** | **Current version:** | **16.3.0** |  |
|  | | | | | | | | |
|  | | | | | | | | |
| *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:*** | Add CHF-Controlled Quota Management functionality | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Amdocs | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | CHFCQM | | | | |  | ***Date:*** | | | 2020-02-14 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | R16 |
|  | *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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Add the functionality of suspending and resuming quota management for a given rating group, controlled by CHF. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Add section 5.4.X | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | No CHF-controlled quota management capability | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

|  |
| --- |
| **1st change to TS 32.290** |

## 5.4 Other functionalities

### 5.4.X CHF-Controlled Quota Management

CHF may instruct NF consumer to suspend quota management for a given rating group in the current charging session within charging data reponse message

When quota management is supended for a given rating group, usage reporting for that rating group shall indicate that the quota management is temporarely suspended in Charging Data Request messages [Update].

CHF may instruct NF consumer to resume quota magement for a given rating group for which quota management was previously suspended by granting units and indicated that quota management in resumed in Charging Data Reponse message. NF consumer shall then resume quota management and proceed with regular online charging reportig in Charging Data Request messages [Update, Terminate].

|  |
| --- |
| **End of change** |