**3GPP TSG-CT WG3 Meeting #127eC3-231266**

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

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.525** | **CR** | **0252** | **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)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** | Complete the feature negotiation during the AMF relocation | | | | | | | | | |
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| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | CT3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | UEP18 | | | | |  | ***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 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:*** | | It is FFS whether other differences in relation to the update procedure specified in 4.2.3.1 need to be specified.  If the new AMF indicates the new supported features to the PCF and the PCF supports it, PCF can behave as defined in clause 4.2.2.1.  If the new AMF indicates the feature to the PCF and the PCF doesn’t support it , PCF will ignor it.  If the new AMF does not indicate the feature which the old AMF supports, the PCF can remove the policy decision for this feature. | | | | | | | | |
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| ***Summary of change:*** | | Remove the editor’s note and clarify that the determination of the applicable policy can consider the features supported by the new AMF. | | | | | | | | |
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| ***Consequences if not approved:*** | | Open issue is not resolved. | | | | | | | | |
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| ***Clauses affected:*** | | 4.2.3.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 does not impact the OpenAPI file. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

**Additional discussion(if needed):**

**Proposed changes:**

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

#### 4.2.3.4 Feature renegotiation during AMF relocation

During the AMF relocation, if the new AMF received the resource URI of the individual AM Policy from the old AMF and selects the old (V-)PCF, and the feature "FeatureRenegotation" is supported, the new AMF shall invoke the update of the policy association as described in clause 4.2.3.1 with the following differences:

- The new AMF shall include in the PolicyAssociationUpdateRequest data structure sent in the HTTP POST request:

a. the "suppFeat" attribute with the AMF supported features; and

b. for each supported feature, the required feature information elements as specified in clause 4.2.2.1, if applicable.

NOTE x1: When the new AMF received from the old AMF the subscription to policy control request trigger(s) that depend on feature control, and a policy control request trigger is met, the required feature information included in the update request contains the report of the met policy control request trigger.

- Upon reception of the HTTP POST request, the (V-)PCF shall update the "Individual UE Policy Association" resource, determine the applicable policy and include in the PolicyUpdate data structure sent in the HTTP POST response:

NOTE x2: The determination of the applicable policy can consider the features supported by the new AMF.

a. the "suppFeat" attribute with the negotiated supported features; and

b. the complete "Individual UE Policy Association" resource representation, as specified in clause 4.2.2.1.

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