**3GPP TSG-RAN WG3 #116-e R3-223900**

**9th – 19th May 2022**

**Online**

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| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **38.401** | **CR** | **0220** | **rev** | **1** | **Current version:** | **17.0.0** |  |
|  |
| *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 | **X** | Core Network |  |

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| ***Title:***  | CR to 38.401 for Corrections on Overall procedures for CPAC |
|  |  |
| ***Source to WG:*** | CATT, China Telecom, NEC, Google |
| ***Source to TSG:*** | RAN3 |
|  |  |
| ***Work item code:*** | LTE\_NR\_DC\_enh2-Core |  | ***Date:*** | 2022-05-16 |
|  |  |  |  |  |
| ***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)**Rel-19 (Release 19)* |
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| ***Reason for change:*** | Correction on Overall procedures for CPAC.In the spec, only one sentence captured as below, but no any procedures captured. *The following clauses describe the overall procedures for CPAC involving E1 and F1.* |
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| ***Summary of change:*** | Add overall procedures for CPAC in section 8.16 **Impact Analysis:**Impact assessment towards the previous version of the specification (same release):  |
|  |  |
| ***Consequences if not approved:*** | The specification is not corrected |
|  |  |
| ***Clauses affected:*** | 8.16 |
|  |  |
|  | **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 ...  |
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| ***Other comments:*** |  |

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| ***This CR's revision history:*** | Rev1: revised based on the outcome of the email discussion |

8.16 Overall procedures for CPAC

The following clauses describe the overall procedures for CPAC involving E1 and F1.

#### 8.16.1 MN initiated Conditional PSCell Addition

The procedure for MN initiated Conditional PSCell Addition (CPA) is shown in Figure 8.16-1.

**Figure 8.16-1 Conditional Secondary Node Addition procedure**

1-12. The steps 1-12 are as defined in TS 37.340 [12].

a1-a5. The steps a1-a5 are as defined in clause 8.9.2 and with conditional indications.

a6. After Random Access procedure successfully performed at the candidate gNB-DU which becomes the target SN gNB-DU, the target gNB-DU sends a Downlink Data Delivery Status frame to inform the target gNB-CU-UP. The target gNB-DU also sends an ACCESS SUCCESS message to inform the target gNB-CU-CP of which cell the UE has successfully accessed.

#### 8.16.2 MN initiated conditional SN Change

The procedure for MN initiated conditional SN Change refer to TS 37.340[12]. In case of split gNB architecture, the procedures between gNB-CU and gNB-DU and the procedures between gNB-CU-CP and gNB-CU-UP refer to 8.16.1.

#### 8.16.3 SN initiated conditional inter-SN Change

The procedure for SN initiated conditional SN Change refer to TS 37.340[12]. In case of split gNB architecture, the procedures between gNB-CU and gNB-DU and the procedures between gNB-CU-CP and gNB-CU-UP refer to 8.16.1.