**3GPP TSG-CT WG1 Meeting #123-eC1-20XXXX**

**Electronic meeting, 16-24 April 2020**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **24.229** | **CR** | **6422** | **rev** | **1** | **Current version:** | **16.5.0** |  |
|  |
| *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 | **X** | Radio Access Network |  | Core Network | **X** |

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| ***Title:***  | EPS fallback |
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| ***Source to WG:*** | Motorola Mobility, Lenovo |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | TEI16 |  | ***Date:*** | 2020-06-02 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***Release:*** | Rel-16 |
|  | *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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
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| ***Reason for change:*** | TS 23.502 and TS 23.228 enhance the signalling to enable the P-CSCF to optimize the call session setup which was originally initiated in NR. The P-CSCF is therefore made aware once the IMS packet transmission is disabled in the NR and once the IMS packet transmission is reenabled in the EPS. This enables the P-CSCF to improve the IMS session establishment.  |
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| ***Summary of change:*** | The CR implements the procedures for the P-CSCF to subscibe to event notifications defined in 29.514 to improve the IMS session establishment. |
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| ***Consequences if not approved:*** | Stage 3 implementation of a release 16 feature does not exist. |
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| ***Clauses affected:*** | U.3.2.X (new) |
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|  | **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:*** |  |

------------------------------------------------------ Start Change--------------------------------------------------------

### U.3.2.X EPS fallback

While establishing an IMS session in order for a P-CSCF to be notified of an EPS fallback, the P-CSCF shall subscribe to the PCF to be notified at the events of the EPS fallback as specified in 3GPP TS 29.514 [273]. The P-CSCF may subscribe to the PCF to be informed when the access network is established as specified in 3GPP TS 29.514 [273]. The P-CSCF may use these subscriptions when sending an incoming SIP message with the information about the EPS fallback.

 ------------------------------------------------------ End of Change--------------------------------------------------------