**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 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***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 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)* | |
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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--------------------------------------------------------