**3GPP TSG-CT WG1 Meeting #134-eC1-221883**

**E-Meeting, 17th – 25th February 2022**

|  |
| --- |
| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **24.229** | **CR** | **6553** | **rev** | **1** | **Current version:** | **17.5.0** |  |
|  |
| *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)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

|  |
| --- |
|  |
| ***Title:***  | Clarification of in-call access update |
|  |  |
| ***Source to WG:*** | Ericsson |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | TEI17 |  | ***Date:*** | 2022-02-10 |
|  |  |  |  |  |
| ***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)* |
|  |  |
| ***Reason for change:*** | The in-call access update procedure is ambiguous and the naming is slightly misleading. The name indicates the access is changed, i.e. 4G/5G change. The intent is however to be able to use this procedure also for VPLMN change as indicated by the presence of the PVNI header field.. |
|  |  |
| ***Summary of change:*** | Add a note that the applicability is for both. Add an EN (intended to be resolved during the meeting based on feedback) about whether the feature capability indicator needs an update. |
|  |  |
| ***Consequences if not approved:*** | Impression that the in-call access update procedure only applies to 4G/5G change remains. |
|  |  |
| ***Clauses affected:*** | 5.2.14, 5.7.1.27.2, 5.7.1.27.3 |
|  |  |
|  | **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:*** | Rev 1: Updated the Note in 5.2.14, clarified text in the AS sections. |

\* \* \* First Change \* \* \* \*

### 5.2.14 In-call access update

If the P-CSCF supports the in-call access update procedure, has received the g.3gpp.in-call-access-update feature-capability indicator during session set-up, and determines that the UE has changed location, then the P-CSCF shall generate a MESSAGE request populated as follows:

NOTE: This procedure can be used for both reporting change of IP-CAN and reporting change of PLMN.

1) the Request URI set to the stored value of the g.3gpp.in-call-access-update feature-capability indicator;

2) a From header field set to the FQDN of the P-CSCF sending the request;

3) a To header field, set to the same value as the Request-URI;

4) a P-Asserted-Identity header field set to the default public user identity of the served user;

5) a P-Charging-Vector header field with the "icid-value" header field parameter populated with the ICID value used for the dialog related to the access change and a type 1 "orig-ioi" header field parameter. The P-CSCF shall set the type 1 "orig-ioi" header field parameter to a value that identifies the sending network of the request. The P-CSCF shall not include the type 1 "term-ioi" header field parameter;

6) a P-Access-Network-Info header field including network-provided location information;

7) a P-Visited-Network-ID header field; and

8) if the MESSAGE request is to be sent via the S-CSCF, a Route header field with the S-CSCF address as received in the Service-Route header field during registration.

\* \* \* Next Change \* \* \* \*

##### 5.7.1.27.2 Originating procedures

If the AS supports in-call access update procedures and the AS is interested in receiving updates of changes of IP-CAN or PLMN the AS shall include in responses to an initial INVITE request a g.3gpp.in-call-access-update feature-capability indicator with a value set to a public service identity resolving to the AS.

\* \* \* Next Change \* \* \* \*

##### 5.7.1.27.3 Terminating procedures

If the AS supports in-call access update procedures and the AS is interested in receiving updates of changes of IP-CAN or PLMN the AS shall include in the INVITE request a g.3gpp.in-call-access-update feature-capability indicator with a value set to a public service identity resolving to the AS.

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