**3GPP TSG-CT WG1 Meeting #137-eC1-225016**

**E-Meeting, 18th – 26th August 2022 *was* C1-225016**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **24.379** | **CR** | **0834** | **rev** | **1** | **Current version:** | **17.7.0** |  |
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| *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:*** | Plugtest issue 10.1.1 of May 2022: Fix for routing of remotely initiated private call response | | | | | | | | | |
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| ***Source to WG:*** | Samsung, Kontron Transportation France | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
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| ***Work item code:*** | MONASTERY2 | | | | |  | ***Date:*** | | | 2022-08-18 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | A |  | | | | | ***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 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)* | |
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| ***Reason for change:*** | | The client procedure for setting the Request-URI incorrectly implied that the public service identity identifying the participating MCPTT function serving the originating MCPTT ID of remotely initiated private call request should be used while sending the remotely initiated private call response message, and also client cant determine the public service identity identifying the participating MCPTT function of the intended recipient user.  The Request-URI of remotely initiated private call response should be set to the public service identity identifying the participating MCPTT function serving user who is originating the remotely initiated private call response message. | | | | | | | | |
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| ***Summary of change:*** | | The Request-URI of remotely initiated private call response set to the public service identity identifying the participating MCPTT function serving the user who is originating the remotely initiated private call response message. | | | | | | | | |
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| ***Consequences if not approved:*** | | The remotely initiated private call response with incorrect Request-URI cant be delivered to intended recipient user. | | | | | | | | |
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| ***Clauses affected:*** | | 11.1.7.2.2 | | | | | | | | |
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|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  |  | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  |  | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  |  | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | | A new CR is created to Rel-16 as the error exists in this version. | | | | | | | | |
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| ***This CR's revision history:*** | | Rev1:   * Cover page is updated for reason for change, summary, consequence, WIC, and category. | | | | | | | | |

**\*\*\*\*\* FIRST CHANGE \*\*\*\*\***

##### 11.1.7.2.2 Remote client procedures for handling remotely initiated private call request

Upon receiving a "SIP MESSAGE request for remotely initiated private call request for terminating client", the MCPTT client:

1) if the <notify-remote-user> element contained in the application/vnd.3gpp.mcptt-info+xml MIME body contained in the received SIP MESSAGE request is set to a value of "true", may indicate to the remote MCPTT user that a remotely initiated private call request to call the identified MCPTT user has been received;

2) shall extract the MCPTT ID of the identified MCPTT user from the <mcptt-called-party-id> element contained in the <mcptt-Params> element of the <mcpttinfo> element contained in the application/vnd.3gpp.mcptt-info+xml MIME body contained in the received SIP MESSAGE request;

3) if according to local policy on-demand sessions are to be used for remotely initiated private calls, shall invoke the procedures of clause 11.1.1.2.1.1 to originate an MCPTT private call to the identified MCPTT user with the following clarifications:

a) if the <notify-remote-user> element contained in the application/vnd.3gpp.mcptt-info+xml MIME body contained in the received SIP MESSAGE request is set to a value of "false":

i) shall not indicate to the remote MCPTT user that a remotely initiated private call request to call the identified MCPTT user has been received; and

ii) if a SIP 180 (Ringing) response or SIP 183 (Session Progress) response is received to the to the sent SIP INVITE request, shall not give any indication to the remote MCPTT user that the remotely initiated private call origination is in progress; and

4) if according to local policy pre-established sessions are to be used for remotely initiated private calls and a pre-established session is available, shall invoke the procedures of clause 11.1.1.2.2.1 to originate an MCPTT private call to the identified MCPTT user with the following clarifications:

a) if the <notify-remote-user> element contained in the application/vnd.3gpp.mcptt-info+xml MIME body contained in the received SIP MESSAGE request is set to a value of "false":

i) shall not indicate to the remote MCPTT user that a remotely initiated private call request to call the identified MCPTT user has been received; and

ii) shall not give any indication to the remote MCPTT user that the remotely initiated private call origination is in progress.

Upon completion of the procedures of clause 11.1.1.2.1.1 or clause 11.1.1.2.2.1, the MCPTT client:

1) if:

a) the MCPTT ID of the identified MCPTT user is identical to the <mcptt-calling-user-id> element contained in the <mcptt-Params> element of the <mcpttinfo> element contained in the application/vnd.3gpp.mcptt-info+xml MIME body contained in the received SIP MESSAGE request: and

b) the procedures of clause 11.1.1.2.1.1 or clause 11.1.1.2.2.1 were successful in originating an MCPTT private call to the identified MCPTT user;

then:

a) shall skip the remaining steps of the current clause;

NOTE: In this case, it is not necessary to send a response to the sender of the remotely initiated private call request as the sender and the terminating party of the successful private call origination are the same user and will be aware of the request's outcome.

2) shall generate a SIP MESSAGE request in accordance with 3GPP TS 24.229 [4] and IETF RFC 3428 [33] with the following clarifications:

a) shall include the ICSI value "urn:urn-7:3gpp-service.ims.icsi.mcptt" (coded as specified in 3GPP TS 24.229 [4]), in a P-Preferred-Service header field according to IETF RFC 6050 [9] in the SIP MESSAGE request;

b) shall include an Accept-Contact header field with the g.3gpp.icsi-ref media feature tag containing the value of "urn:urn-7:3gpp-service.ims.icsi.mcptt" along with the "require" and "explicit" header field parameters according to IETF RFC 3841 [6];

c) may include a P-Preferred-Identity header field in the SIP MESSAGE request containing a public user identity as specified in 3GPP TS 24.229 [4];

d) shall include in an application/resource-lists+xml MIME body the MCPTT ID contained in the <mcptt-calling-user-id> element in the application/ vnd.3gpp.mcptt-info+xml MIME body of the received SIP MESSAGE request; and

e) shall include an application/vnd.3gpp.mcptt-info+xml MIME body as specified in clause F.1 with the <mcpttinfo> element containing the <mcptt-Params> element containing:

i) the <mcptt-called-party-id> set to the MCPTT ID of the identified MCPTT user called by the remote MCPTT user; and

ii) an <anyExt> element containing:

A) the <response-type> element set to a value of "remotely-initiated-private-call-response";

B) if the procedures of clause 11.1.1.2.1.1 or clause 11.1.1.2.2.1 were successful in originating an MCPTT private call to the identified MCPTT user, a <remotely-initiated-call-outcome> element set to a value of "success"; and

C) if the procedures of clause 11.1.1.2.1.1 or clause 11.1.1.2.2.1 were not successful in originating an MCPTT private call to the identified MCPTT user, a <remotely-initiated-call-outcome> element set to a value of "fail";

3) shall set the Request-URI to the public service identity identifying the participating MCPTT function serving the MCPTT user; and

4) shall send the SIP MESSAGE request according to rules and procedures of 3GPP TS 24.229 [4].

**\*\*\*\*\* END CHANGES \*\*\*\*\***