**3GPP TSG-SA WG6 Meeting #35 S6-200183**

**Hyderabad, India, 13th - 17th Jan 2020 (revision of S6-200044)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **23.281** | **CR** | **0144** | **rev** | **1** | **Current version:** | **17.1.0** |  |
|  | | | | | | | | |
| *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 | **X** | Radio Access Network |  | Core Network | **X** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Adding missing server to server information flows for private calls | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia, Nokia Shanghai Bell | | | | | | | | | |
| ***Source to TSG:*** | S6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eMONASTERY2 | | | | |  | ***Date:*** | | | 2019-12-23 |
|  |  | | | |  | |  | | |  |
| ***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 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)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Railway communication requires support for server to server private call messages. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Adds missing server to server information flows for private calls. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | No server to server private call messages available. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 7.2.2.2.2, 7.2.2.2.4, 7.2.2.2.5, 7.2.2.2.7, 7.2.2.2.9 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

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

7.2.2.2.2 MCVideo private call request

Table 7.2.2.2.2-1 describes the information flow MCVideo private call request from the MCVideo server to the MCVideo server and from the MCVideo server to the MCVideo client.

**Table 7.2.2.2.2-1: MCVideo private call request**

|  |  |  |
| --- | --- | --- |
| **Information Element** | **Status** | **Description** |
| MCVideo ID | M | The MCVideo ID of the calling party |
| Functional alias | O | The functional alias of the calling party |
| MCVideo ID | M | The MCVideo ID of the called party |
| Transmit media request indication | M | This element indicates whether transmission control will be used for the private call. |
| SDP offer | M | Media parameters of MCVideo client. |
| Requested commencement mode | O | An indication that is included if the user is requesting a particular commencement mode |
| Implicit transmit media request | O | An indication that the user is also requesting the permission to transmit video |

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

7.2.2.2.4 MCVideo private call response

Table 7.2.2.2.4-1 describes the information flow MCVideo private call response from the MCVideo server to the MCVideo server and from the MCVideo server to the MCVideo client.

**Table 7.2.2.2.4-1: MCVideo private call response**

|  |  |  |
| --- | --- | --- |
| **Information Element** | **Status** | **Description** |
| MCVideo ID | M | The MCVideo ID of the calling party |
| MCVideo ID | O | The MCVideo ID of the called party |
| Acceptance confirmation | O | An indication whether the user has positively accepted the call. |
| SDP answer | M | Media parameters selected |

7.2.2.2.5 MCVideo call end request

Table 7.2.2.2.5-1 describes the information flow MCVideo call end request from the MCVideo client to the MCVideo server, from the MCVideo server to the MCVideo server and from the MCVideo server to the MCVideo client.

**Table 7.2.2.2.5-1: MCVideo call end request**

|  |  |  |
| --- | --- | --- |
| **Information Element** | **Status** | **Description** |
| MCVideo ID | M | The MCVideo ID of the calling party |
| MCVideo ID | M | The MCVideo ID of the called party |

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

7.2.2.2.7 MCVideo emergency private call request

Table 7.2.2.2.7-1 describes the information flow MCVideo emergency private call request from the MCVideo server to the MCVideo server and from the MCVideo server to the MCVideo client.

**Table 7.2.2.2.7-1: MCVideo emergency private call request**

|  |  |  |
| --- | --- | --- |
| **Information Element** | **Status** | **Description** |
| MCVideo ID | M | The MCVideo ID of the calling party |
| Functional alias | O | The functional alias of the calling party |
| MCVideo ID | M | The MCVideo ID of the called party |
| Emergency indicator | M | Indicates that the private call request is an MCVideo emergency call |
| Alert indicator | M | Indicates whether an emergency alert is to be sent |
| Requested commencement mode | O | An indication of the commencement mode to be used. |
| Implicit transmit media request | O | An indication that the user is also requesting to transmit media. |
| SDP offer | M | Media parameters of MCVideo client. |

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

7.2.2.2.9 Emergency MCVideo private call response

Table 7.2.2.2.9-1 describes the information flow Emergency MCVideo private call response from the MCVideo server to the MCVideo server and from the MCVideo server to the MCVideo client.

**Table 7.2.2.2.9-1: Emergency MCVideo private call response**

|  |  |  |
| --- | --- | --- |
| **Information Element** | **Status** | **Description** |
| MCVideo ID | M | The MCVideo ID of the calling party |
| MCVideo ID | O | The MCVideo ID of the called party |
| Acceptance confirmation | O | An indication whether the user has positively accepted the call. |
| SDP answer | M | Media parameters selected |

\* \* \* End of Change \* \* \* \*