**3GPP TSG-SA WG6 Meeting #35 S6-200279**

**Hyderabad, India, 13th - 17th Jan 2020 (revision of S6-200210)**

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| --- |
| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **23.281** | **CR** | **0136** | **rev** | **3** | **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)*.* |
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| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network | **X** |

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|  |
| ***Title:***  | Enhancing MCVideo communication requests with application priority capabilities in on-network mode |
|  |  |
| ***Source to WG:*** | UIC |
| ***Source to TSG:*** | S6 |
|  |  |
| ***Work item code:*** | eMONASTERY2 |  | ***Date:*** | 2020-01-14 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
|  |  |
| ***Reason for change:*** | 3GPP TS 22.280 requirement [R-6.8.7.2-001] asks to apply application priorities to each communication. This is only partially done in MCVideo service 3GPP TS 23.281 at the moment. |
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| ***Summary of change:*** | The CR adds the missing requested priority to these MCVideo flows which does not encompass the application priority.In detail following will be addressed:1. Emergency as well as imminent peril communication can also use the requested priority in the future, but only the available indicator or the requested priority can be used.
2. In order to prioritize the emergency alert request as desired in the 3GPP transport system, this can be determined by the request.
3. In some cases, the missing requested priority is updated in some server to server flows in order to ensure the application priority also in the target server and its 3GPP system.
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| ***Consequences if not approved:*** | Missing capabilities in the MCVideo service context. |
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| ***Clauses affected:*** | 7.1.2.2.8, 7.1.2.2.14, 7.1.2.2.18, 7.1.2.2.22, 7.2.2.2.6; |
|  |  |
|  | **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:*** | None |
|  |  |
| ***This CR's revision history:*** | S6-200024, S6-200178, S6-200210 |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*1st Change\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

##### 7.1.2.2.8 Group call rejoin request (MCVideo client – MCVideo server)

Table 7.1.2.2.8-1 describes the information flow group call rejoin request from the MCVideo client to the MCVideo server.

Table 7.1.2.2.8-1: Group call rejoin request (MCVideo client – MCVideo server))

|  |  |  |
| --- | --- | --- |
| Information Element | Status | Description |
| MCVideo ID | M | The MCVideo ID of the re-joining MCVideo group member |
| Functional alias | O | The functional alias of the re-joining MCVideo group member |
| MCVideo group ID | M | The MCVideo group ID of the group on which the call is on-going |
| SDP offer | M | Media parameters of MCVideo client |
|  |  |  |

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##### 7.1.2.2.14 MCVideo emergency alert request

Table 7.1.2.2.14-1 describes the information flow MCVideo emergency alert request from the MCVideo client to the MCVideo server, for the procedures defined in 3GPP TS 23.280 [6].

Table 7.1.2.2.14-1: MCVideo emergency alert request (MCVideo client – MCVideo server)

|  |  |  |
| --- | --- | --- |
| Information Element | Status | Description |
| MCVideo ID | M | The identity of the alerting party |
| Functional alias | O | The functional alias of the alerting party |
| MCVideo group ID | M | The MCVideo group ID with which the alert is associated |
| Requested priority | O | Priority level requested for the emergency alert indication. |
| Location | O | The alerting MCVideo client's location |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*3rd Change\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

##### 7.1.2.2.18 MCVideo emergency group call request

Table 7.1.2.2.18-1 describes the information flow emergency group call request from the MCVideo client to the MCVideo server and from the MCVideo server to the MCVideo client.

Table 7.1.2.2.18-1: MCVideo emergency group call request

|  |  |  |
| --- | --- | --- |
| Information Element | Status | Description |
| MCVideo ID | M | The identity of the calling party |
| Functional alias | O | The functional alias of the calling party |
| MCVideo group ID | M | The MCVideo group ID on which the call is to be conducted |
| Emergency indicator | M | Indicates that the group call request is an MCVideo emergency call |
| Alert indicator | M | Indicates whether an emergency alert is to be sent |
| Requested priority | O | Priority level requested for the call |
| Implicit transmit media request (see NOTE) | O | Indicates that the originating client requests the permission to transmit media. |
| NOTE: This element shall be included only when the originating client requests the the permission to transmit media. |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*4th Change\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

##### 7.1.2.2.22 MCVideo imminent peril group call request

Table 7.1.2.2.22-1 describes the information flow MCVideo imminent peril group call request from the MCVideo client to the MCVideo server and from the MCVideo server to the MCVideo client.

Table 7.1.2.2.22-1: MCVideo imminent peril group call request

|  |  |  |
| --- | --- | --- |
| Information Element | Status | Description |
| MCVideo ID | M | The identity of the calling party |
| Functional alias | O | The functional alias of the calling party |
| MCVideo group ID | M | The MCVideo group ID on which the call is to be conducted |
| Requested priority | O | Priority level requested for the call |
| Imminent peril indicator | M | Indicates that the group call request is an imminent peril call |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*5th Change\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

##### 7.2.2.2.6 MCVideo emergency private call request (MCVideo client to MCVideo server)

Table 7.2.2.2.6-1 describes the information flow MCVideo emergency private call request from the MCVideo client to the MCVideo server.

Table 7.2.2.2.6-1: MCVideo emergency private call request (MCVideo client to MCVideo server)

|  |  |  |
| --- | --- | --- |
| 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. |
| Requested priority | O | Priority level requested for the call |

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