**3GPP TSG-SA WG6 Meeting #38-e S6-201058**

**e-meeting, 20th – 31th July 2020 (revision of S6-xxxxxx)**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **23.281** | **CR** | **0147** | **rev** |  | **Current version:** | **17.3.0** |  |
|  | | | | | | | | |
| *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:*** | Limit the number of simultaneous logins on per user basis | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia, Nokia Shanghai Bell | | | | | | | | | |
| ***Source to TSG:*** | S6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eMONASTERY2 | | | | |  | ***Date:*** | | | 2020-07-14 |
|  |  | | | |  | |  | | |  |
| ***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 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:*** | | This CR fulfills R-5.10-001b of TS 22.280 by which an additional login limit on a per MCX User basis is introduced. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Extends the MCVideo user profile configuration data (on-network) by an additional login limit on a per user basis. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Stage 1 requirement not fulfilled. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | A.3, A.5 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 \* \* \* \*

# A.3 MCVideo user profile configuration data

The general aspects of MC service user profile configuration data are specified in 3GPP TS 23.280 [6]. The MCVideo user profile configuration data is stored in the MCVideo user database. The MCVideo server obtains the MCVideo user profile configuration data from the MCVideo user database (MCVideo-2).

Tables A.3-1 and A.3-2 contain the MCVideo user profile configuration required to support the use of on-network MCVideo service. Tables A.3-1 and A.3-3 contain the MCVideo user profile configuration required to support the use of off-network MCVideo service. Data in table A.3-1 and table A.3-3 can be configured offline using the CSC-11 reference point.

Table A.3-1: MCVideo user profile configuration data (on and off network)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Reference | Parameter description | MCVideo UE | MCVideo Server | Configuration management server | MCVideo user database |
| Subclause 5.2.11 of 3GPP TS 23.280 [6] | MCVideo identity (MCVideo ID) | Y | Y | Y | Y |
| 3GPP TS 33.180 [14] | KMSUri for security domain of MCVideo ID (see NOTE 1) | Y | Y | Y | Y |
| Subclause 5.2.11 of 3GPP TS 23.280 [6] | Pre‑selected MCVideo user profile indication (see NOTE 2) | Y | Y | Y | Y |
| Subclause 5.2.11 of 3GPP TS 23.280 [6] | MCVideo user profile index | Y | Y | Y | Y |
| Subclause 5.2.11 of 3GPP TS 23.280 [6] | MCVideo user profile name | Y | Y | Y | Y |
| [R-5.17-007],  [R-6.13.4-002] of 3GPP TS 22.280 [2] | User profile status (enabled/disabled) |  | Y | Y | Y |
| [R-5.7-001]  [R-6.9-003] of 3GPP TS 22.280 [2] | Authorised to create and delete aliases of an MCVideo user and its associated user profiles. |  |  | Y | Y |
| [R-5.7-002],  [R-6.9-003] of 3GPP TS 22.280 [2] | Alphanumeric aliases of user | Y | Y | Y | Y |
| [R-5.1.1-005],  [R-5.9-001] of 3GPP TS 22.280 [2] | Participant type of the user | Y | Y | Y | Y |
| [R-5.1.8-006],  [R-5.3-002],  [R-5.9-001],  [R-5.16.2-001],  [R-5.16.2-002] of 3GPP TS 22.280 [2] | User's Mission Critical Organization (i.e. which organization a user belongs to) | Y | Y | Y | Y |
| [R-5.2.2-003] of 3GPP TS 22.280 [2] | Authorisation to create a group-broadcast group |  |  | Y | Y |
| [R-5.2.2-003] of 3GPP TS 22.280 [2] | Authorisation to create a user-broadcast group |  |  | Y | Y |
| [R-5.6.2.4.1-002] of 3GPP TS 22.280 [2] | Authorised to activate MCVideo emergency alert | Y | Y | Y | Y |
| [R-5.6.2.4.1-013] of 3GPP TS 22.280 [17] | Automatically trigger a MCVideo emergency communication after initiating the MCVideo emergency alert | Y | Y | Y | Y |
| [R-5.6.2.4.1-004]  [R-5.6.2.4.1-008]  [R-5.6.2.4.1-012] of 3GPP TS 22.280 [2] | Group used on initiation of an MCVideo emergency group call (see NOTE 5) | Y | Y | Y | Y |
| [R-5.6.2.4.1-004],  [R-5.6.2.4.1-008],  [R-5.6.2.4.1-012] of 3GPP TS 22.280 [17] | Recipient for an emergency private MCVideo call (see NOTE 5) |  |  |  |  |
|  | > MCVideo ID | Y | Y | Y | Y |
| 3GPP TS 33.180 [19] | > KMSUri for security domain of MCVideo ID (see NOTE 1) | Y | Y | Y | Y |
| [R-5.6.2.4.2-002] of 3GPP TS 22.280 [2] | Authorisation to cancel an MCVideo emergency alert | Y | Y | Y | Y |
| [R-5.1.2.1.2-004] of 3GPP TS 22.281 [3] | Authorisation to modify the video settings of the transmitted video stream of another MCVideo User | Y | Y | Y | Y |
| [R-5.1.2.1.2-006] of 3GPP TS 22.281 [3] | Authorisation to renegotiate a codec during a video transmission. | Y | Y | Y | Y |
| [R-5.1.2.1.2-007] of 3GPP TS 22.281 [3] | Authorisation to remotely control the video capabilities or parameters for a camera on an MCVideo UE | Y | Y | Y | Y |
| [R-5.1.2.2.2-001] of 3GPP TS 22.281 [3] | Authorisation to remotely control the video capabilities or parameters of a remote MCVideo UE | Y | Y | Y | Y |
| [R-5.1.2.2.2-004] of 3GPP TS 22.281 [3] | Authorisation to receive and display the capabilities of a remote MCVideo UE | Y | Y | Y | Y |
| [R-5.1.3.1.2-004] of 3GPP TS 22.281 [3] | Authorisation to remotely activate another MCVideo User's camera | Y | Y | Y | Y |
| [R-5.1.9.2.2-002] of 3GPP TS 22.281 [3] | Authorisation to push a video to another MCVideo user . | Y | Y | Y | Y |
| [R-5.1.9.2.2-003] of 3GPP TS 22.281 [3] | Authorisation to enable and to disable the automatic sending of notification to a second MCVideo User that a video is being pushed to a third MCVideo User | Y | Y | Y | Y |
| [R-5.1.9.2.2-004] of 3GPP TS 22.281 [3] | List of MCVideo users for whom to receive notifications about video being pushed to them | Y | Y | Y | Y |
|  | > MCVideo IDs |  |  |  |  |
| [R-5.1.9.2.2-005] of 3GPP TS 22.281 [3] | List of specific video categories to receive (see NOTE 3) | Y | Y | Y | Y |
|  | > Video categories |  |  |  |  |
| [R-6.7.3-007] of 3GPP TS 22.280 [2] | List of user(s) who can be called in MCVideo private call |  |  |  |  |
|  | > MCVideo ID | Y | Y | Y | Y |
|  | > Presentation priority relative to other users and groups (see NOTE 4) | Y | Y | Y | Y |
| 3GPP TS 33.180 | > KMSUri for security domain of MCVideo ID (see NOTE 1) | Y | Y | Y | Y |
| [R-6.7.3-007] of 3GPP TS 22.280 [2] | Authorised to make a private video call towards users not included in "list of user(s) who can be called in MCVideo private call" | Y | Y | Y | Y |
| [R-5.1.10.2-002] of 3GPP TS 22.281 [3] | List of category tags |  |  |  |  |
|  | > Video category tag | Y | Y | Y | Y |
| [R-5.1.10.2-002] of 3GPP TS 22.281 [3] | Authorization to query MCVideo client | Y | Y | Y | Y |
| [R-5.1.3.2.2-004]  [R-5.1.10.2-002] of 3GPP TS 22.281 [3] | List of category tags that authorized to query MCVideo client |  |  |  |  |
|  | > Video category tag for query | Y | Y | Y | Y |
| [R-5.1.3.2.2-004]  [R-5.1.10.2-002] of 3GPP TS 22.281 [3] | List of geography areas that authorized to query MCVideo client |  |  |  |  |
|  | > Geography area to query | Y | Y | Y | Y |
| [R-5.1.1.1-015] of 3GPP TS 22.281 [3] | Authorization to perform video adaptation | Y | Y | Y | Y |
| [R-5.1.7-002] and  [R-6.8.7.2-007] and [R-6.8.7.2-008] of 3GPP TS 22.280 [2] | Priority of the user (NOTE 6) |  | Y | Y | Y |
| NOTE 1: If this parameter is absent, the KMSUri shall be that identified in the initial MC service UE configuration data (on-network) configured in table A.6-1 of 3GPP TS 23.280 [6].  NOTE 2: As specified in 3GPP TS 23.280 [6], for each MCVideo user's set of MCVideo user profiles, only one MCVideo user profile shall be indicated as being the pre‑selected MCVideo user profile.  NOTE 3: If this list is blank then this implies that all video categories are acceptable for the MCVideo user.  NOTE 4: The use of this parameter by the MCVideo UE is outside the scope of the present document.  NOTE 5: This parameter is used for the emergency communication and also used as a target of the emergency alert request. At most one of them is configured; i.e. emergency communication will go to either a group or a user. If both are not configured the MCVideo user's currently selected group will be used.  NOTE 6: The use of the parameter is left to implementation. | | | | | |

Table A.3-2: MCVideo user profile configuration data (on network)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Reference | Parameter description | MCVideo UE | MCVideo Server | Configuration management server | MCVideo user database |
| [R-5.1.5-001],  [R-5.1.5-002],  [R-5.10-001],  [R-6.4.7-002],  [R-6.8.1-008],  [R-6.7.4-002] of 3GPP TS 22.280 [2] | List of on-network MCVideo groups for use by an MCVideo user |  |  |  |  |
|  | > MCVideo Group ID | Y | Y | Y | Y |
|  | > Application plane server identity information of group management server where group is defined |  |  |  |  |
|  | >> Server URI | Y | Y | Y | Y |
|  | > Application plane server identity information of identity management server which provides authorization for group (see NOTE 1) |  |  |  |  |
|  | >> Server URI | Y | Y | Y | Y |
| 3GPP TS 33.180 [14] | > KMSUri for security domain of group (see NOTE 4) | Y | Y | Y | Y |
|  | > Presentation priority of the group relative to other groups and users (see NOTE 2) | Y | Y | Y | Y |
| Subclause 5.2.5 of 3GPP TS 23.280 [6] | List of groups user implicitly affiliates to after MCVideo service authorization for the user |  |  |  |  |
|  | > MCVideo Group ID | Y | Y | Y | Y |
| [R-6.4.2-006] of 3GPP TS 22.280 [2] | Authorisation of an MCVideo user to request a list of which MCVideo groups a user has affiliated to |  | Y | Y | Y |
| [R-6.4.6.1-002],  [R-6.4.6.1-003] of 3GPP TS 22.280 [2] | Authorisation to change affiliated groups of other specified user(s) |  | Y | Y | Y |
| [R-6.4.6.2-001],  [R-6.4.6.2-002] of 3GPP TS 22.280 [2] | Authorisation to recommend to specified user(s) to affiliate to specific group(s) |  | Y | Y | Y |
| [R-6.6.1-004] of 3GPP TS 22.280 [2] | Authorisation to perform regrouping | Y | Y | Y | Y |
| [R-6.7.2-001] of 3GPP TS 22.280 [2] | Presence status is available/not available to other users | Y | Y | Y | Y |
| [R-6.7.1-002],  [R-6.7.2-002] of 3GPP TS 22.280 [2] | List of MCVideo users that MCVideo user is authorised to obtain presence of |  |  |  |  |
|  | > MCVideo IDs | Y | Y | Y | Y |
| [R-6.8.7.4.2-001],  [R-6.8.7.4.2-002] of 3GPP TS 22.280 [2] | Authorisation of a user to cancel an emergency alert on any MCVideo UE of any user |  | Y | Y | Y |
| [R-6.13.4-001] of 3GPP TS 22.280 [2] | Authorisation for an MCVideo user to enable/disable an MCVideo user |  | Y | Y | Y |
| [R-6.13.4-003],  [R-6.13.4-005],  [R-6.13.4-006],  [R-6.13.4-007] of 3GPP TS 22.280 [2] | Authorisation for an MCVideo user to (permanently /temporarily) enable/disable a UE |  | Y | Y | Y |
| [R-7.14-002],  [R-7.14-003] of 3GPP TS 22.280 [2] | Authorization for manual switch to off-network while in on-network | Y | Y | Y | Y |
| [R-5.1.5-004] of 3GPP TS 22.280 [2] | Limitation of number of affiliations per user (Nc2) | N | Y | Y | Y |
| [R-6.4.6.1-001],  [R-6.4.6.1-004] of 3GPP TS 22.280 [2] | List of MCVideo users whose selected groups are authorized to be remotely changed |  |  |  |  |
|  | > MCVideo ID | Y | Y | Y | Y |
| [R-5.2.3.2-002],  [R-5.2.3.2-003] of 3GPP TS 22.281 [3] | Period after which MCVideo data on a MCVideo UE is to be deleted if no action is taken by an authorized MCVideo user | Y | Y | Y | Y |
| [R-5.2.6.2.2-004] of 3GPP TS 22.281 [3] | Maximum number of simultaneous video streams that can be received (see NOTE 3) | Y | Y | Y | Y |
| [R-5.2.6.2.2-005] of 3GPP TS 22.281 [3] | Authorisation to automatically receive video communications | Y | Y | Y | Y |
| [R-5.2.6.2.2-006] of 3GPP TS 22.281 [3] | Authorisation to automatically receive emergency video streams | Y | Y | Y | Y |
| [R-5.2.6.2.2-007] of 3GPP TS 22.281 [3] | Authorisation to automatically receive imminent peril video streams | Y | Y | Y | Y |
| [R-5.2.6.2.2-008] of 3GPP TS 22.281 [3] | List of MCVideo groups for which video can be automatically/mandatorily received |  |  |  |  |
|  | > MCVideo group IDs | Y | Y | Y | Y |
| [R-5.2.7.2-001] of 3GPP TS 22.281 [3] | Authorisation to request to override an active MCVideo transmission | Y | Y | Y | Y |
| [R-5.2.7.2-002] of 3GPP TS 22.281 [3] | Authorisation to select MCVideo transmissions that can be overridden | Y | Y | Y | Y |
| [R-5.2.7.2-004] of 3GPP TS 22.281 [3] | Authorisation to allow MCVideo private communications to override or not to override active MCVideo group communications | Y | Y | Y | Y |
| [R-5.2.8-005],  [R-5.2.8-006] of 3GPP TS 22.281 [3] | Maximum length of time of a single video transmission | Y | Y | Y | Y |
| [R-6.7.3-007a] of 3GPP TS 22.280 [2] | List of user(s) from which MCVideo private calls can be received |  |  |  |  |
|  | > MCVideo ID | Y | Y | Y | Y |
|  | > Presentation priority relative to other users and groups | Y | Y | Y | Y |
| 3GPP TS 33.180 [18] | > KMSUri for security domain of MCVideo ID | Y | Y | Y | Y |
| [R-5.9a-012] of 3GPP TS 22.280 [2]  [R-5.9a-013] of 3GPP TS 22.280 [2] | Authorised to request association between active functional alias(es) and MCVideo ID(s) |  | Y | Y | Y |
| Subclause 5.2.9 of 3GPP TS 23.280 [16] | List of partner MCVideo systems in which this profile is valid for use during migration |  |  |  |  |
| Subclause 5.2.9 of 3GPP TS 23.280 [16] | > Identity of partner MCVideo system | Y | N | Y | Y |
| Subclause 10.1.1 of 3GPP TS 23.280 [16] | > Access information for partner MCVideo system (see NOTE 5) | Y | N | Y | Y |
| [R-6.6.4.2-002a] and [R-6.6.4.2-002b] of 3GPP TS 22.280 [2] | List of groups the client affiliates/de-affiliates when criteria is met |  |  |  |  |
|  | > MCVideo Group ID | Y | Y | Y | Y |
|  | >> Criteria for affiliation (see NOTE 7) | Y | Y | Y | Y |
|  | >> Criteria for de-affiliation (see NOTE 7) | Y | Y | Y | Y |
|  | >> Manual de-affiliation is not allowed if the criteria for affiliation are met | Y | Y | Y | Y |
| [R-6.6.4.2-002] of 3GPP TS 22.280 [2] | List of groups the client affiliates after receiving an emergency alert |  |  |  |  |
|  | > MCVideo Group ID | Y | Y | Y | Y |
|  | >> Manual de-affiliation is not allowed if the criteria for affiliation are met | Y | Y | Y | Y |
| [R-5.9a-012] of 3GPP TS 22.280 [2] | Authorised to take over a functional alias from another MCVideo user | N | Y | Y | Y |
|  | List of functional alias(es) of the MCVideo user |  |  |  |  |
| [R-5.9a-005] of 3GPP TS 22.280 [2] | > Functional alias | Y | Y | Y | Y |
| [R-5.9a-018] of 3GPP TS 22.280 [2] | >> MCVideo server trigger criteria for activation (see NOTE 6) | N | Y | Y | Y |
| [R-5.9a-017], [R-5.9a-018] of 3GPP TS 22.280 [2] | >> MCVideo server trigger criteria for de-activation (see NOTE 6) | N | Y | Y | Y |
| [R-5.9a-019] of 3GPP TS 22.280 [16] | >> MCVideo client trigger criteria for activation (see NOTE 6) | Y | Y | Y | Y |
| [R-5.9a-019] of 3GPP TS 22.280 [16] | >> MCVideo client trigger criteria for de-activation (see NOTE 6) | Y | Y | Y | Y |
|  | >> Manual de-activation is not allowed if the criteria are met (see NOTE 6) | Y | Y | Y | Y |
| [R-5.10-001b] of 3GPP TS 22.280 [16] | Maximum number of successful simultaneous MCVideo service authorizations for this user | N | Y | Y | Y |
| NOTE 1: If this parameter is not configured, authorization to use the group shall be obtained from the identity management server identified in the initial MC service UE configuration data (on-network) configured in table A.6-1 of 3GPP TS 23.280 [6].  NOTE 2: The use of this parameter by the MCVideo UE is outside the scope of the present document.  NOTE 3: The parameter can be set to an unlimited number of simultaneous streams received that can be received.  NOTE 4: If this parameter is absent, the KMSUri shall be that identified in the initial MC service UE configuration data (on-network) configured in table A.6-1 of 3GPP TS 23.280 [6].  NOTE 5: Access information for each partner MCVideo system comprises the list of information required for initial UE configuration to access an MCVideo system, as defined in table A.6-1 of 3GPP TS 23.280 [16]  NOTE 6: The criteria may consist of conditions like the location of the MCVideo user, local time etc.  NOTE 7: The criteria may consist of conditions such as the location of the MCVideo user or the active functional alias of the MCVideo user. | | | | | |

Table A.3-3: MCVideo user profile configuration data (off network)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Reference | Parameter description | MCVideo UE | MCVideo Server | Configuration management server | MCVideo user database |
| [R-7.2-003],  [R-7.6-004] of 3GPP TS 22.280 [2] | List of off-network MCVideo groups for use by an MCVideo user |  |  |  |  |
|  | > MCVideo Group IDs | Y | N | Y | Y |
|  | > Application plane server identity information of group management server where group is defined |  |  |  |  |
|  | >> Server URI | Y | N | Y | Y |
|  | > Application plane server identity information of identity management server which provides authorization for group (see NOTE 1) |  |  |  |  |
|  | >> Server URI | Y | N | Y | Y |
| 3GPP TS 33.180 [14] | > KMSUri for security domain of group (see NOTE 3) | Y | N | Y | Y |
|  | > Presentation priority of the group relative to other groups and users (see NOTE 2) | Y | N | Y | Y |
| [R-7.12-002],  [R-7.12-003] of 3GPP TS 22.280 [2] | Authorization for off-network services | Y | N | Y | Y |
| Subclause 7.2.3.3 | User info id (as specified in 3GPP TS 23.303 [7]) | Y | N | Y | Y |
| NOTE 1: If this parameter is not configured, authorization to use the group shall be obtained from the identity management server identified in the initial MC service UE configuration data (on-network) configured in table A.6-1 of 3GPP TS 23.280 [6].  NOTE 2: The use of this parameter by the MCVideo UE is outside the scope of the present document.  NOTE 3: If this parameter is absent, the KMSUri shall be that identified in the initial MC service UE configuration data (on-network) configured in table A.6-1 of 3GPP TS 23.280 [6]. | | | | | |

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

A.5 MCVideo service configuration data

The general aspects of MC service configuration are specified in 3GPP TS 23.280 [6]. The MCVideo service configuration data is stored in the MCVideo server.

Tables A.5-1 and A.5-2 describe the configuration data required to support the use of on-network MCVideo service. Tables A.5-1 and A.5-3 describe the configuration data required to support the use of off-network MCVideo service. Data in table A.5-1 and table A.5-3 can be configured offline using the CSC-11 reference point.

**Table A.5-1: MCVideo service configuration data (on and off network)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Reference** | **Parameter description** | **MCVideo UE** | **MCVideo Server** | **Configuration management server** |
| [R-5.2.2-001] of 3GPP TS 22.280 [2] | Levels of group hierarchy for group-broadcast groups (Bc1) | Y | Y | Y |
| [R-5.2.3-001] of 3GPP TS 22.280 [2] | Levels of user hierarchy for user-broadcast groups (Bc2) | Y | Y | Y |
| [R-5.7-002] of 3GPP TS 22.280 [2] | Minimum length (Nc3) of an alphanumeric identifier (i.e. alias) assigned by an MCVideo administrator. | Y | N | Y |

**Table A.5-2: MCVideo service configuration data (on network)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Reference** | **Parameter description** | **MCVideo UE** | **MCVideo Server** | **Configuration management server** |
| [R-5.12-001] of 3GPP TS 22.280 [2] | Protect confidentiality of signalling (see NOTE 1) | Y | Y | Y |
| [R-5.12-001] of 3GPP TS 22.280 [2] | Protect integrity of signalling (see NOTE 1) | Y | Y | Y |
| [R-5.12-001] of 3GPP TS 22.280 [2] | Use signalling protection between MCVideo servers (see NOTE 1) | N | Y | Y |
| [R-5.12-001] of 3GPP TS 22.280 [2] | Use transmission control protection between MCVideo servers (see NOTE 1) | N | Y | Y |
| [R-5.10-001a] of 3GPP TS 22.280 [2] | Maximum number of successful simultaneous service authorizations of clients from a user (see NOTE 2) | N | Y | Y |
|  | List of functional alias identities |  |  |  |
| [R-5.9a-005] of 3GPP TS 22.280 [2] | > Functional alias | N | Y | Y |
| [R-5.9a-005] of 3GPP TS 22.280 [2] | >> Limit number of simultaneous activations | N | Y | Y |
| [R-5.9a-005] of 3GPP TS 22.280 [2] | >> This functional alias can be taken over | N | Y | Y |
|  | >> List of users who can activate this functional alias |  |  |  |
| [R-5.9a-005] of 3GPP TS 22.280 [2] | >>> MCVideo ID | N | Y | Y |
| [R-5.9a-016] of 3GPP TS 22.280 [2] | >> Communication priority (see NOTE 3) | N | Y | Y |
| NOTE 1: Security mechanisms are specified in 3GPP TS 33.180 [14].  NOTE 2: If present, the maximum number of successful simultaneous service authorisations configured in the user profile data has precedence.  NOTE 3: The usage of this parameter by the MCVideo server is up to implementation. | | | | |

**Table A.5-3: MCVideo service configuration data (off network)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Reference** | **Parameter description** | **MCVideo UE** | **MCVideo Server** | **Configuration management server** |
| [R-7.6-001], [R-7.6-002], [R-7.6-003] of 3GPP TS 22.280 [2] | Default ProSe Per-Packet priority (as specified in 3GPP TS 23.303 [7]) values |  |  |  |
|  | > MCVideo private call signalling | Y | N | Y |
|  | > MCVideo private call media | Y | N | Y |
|  | > MCVideo Emergency private call signalling | Y | N | Y |
|  | > MCVideo Emergency private call media | Y | N | Y |
| Subclause 7.5.3.3 | Periodicity interval (in seconds) of Capability announcement (see NOTE) | Y | N | Y |
| NOTE: If the value of the periodicity interval is set to zero, the capability announcement is not sent. | | | | |

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