**3GPP TSG-SA WG6 Meeting #46-e S6-212568\_Rev1**

**e-meeting, 15th – 23rd November 2021 (revision of S6-21xxxx)**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **23.379** | **CR** | **0300** | **rev** |  | **Current version:** | **17.8.0** |  |
|  | | | | | | | | |
| *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:*** | Connection authorisation configuration data | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia, Nokia Shanghai Bell | | | | | | | | | |
| ***Source to TSG:*** | S6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | MCGWUE | | | | |  | ***Date:*** | | | 2021-11-10 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | B |  | | | | | ***Release:*** | | | Rel-18 |
|  | *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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | 3GPP TR 23.700-79 studied the key issue 2 on authorisation for connection of non-3GPP devices with an MC gateway UE and developed a solution in subclause 7.3 (Connection authorisation with an MC server via an MC gateway UE). This contribution adds the configuration data required for the solution to TS 23.379. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Annex 5 on MCPTT service configuration data is enhanced with configuration data enabling connection authorisation by the MCPTT server. | | | | | | | | |
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| ***Consequences if not approved:*** | | Incomplete specification. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 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.5 MCPTT service configuration data

The general aspects of MC service configuration are specified in 3GPP TS 23.280 [16]. The MCPTT service configuration data is stored in the MCPTT server.

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Reference | Parameter description | MCPTT UE | MCPTT Server | Configuration management server |
| [R-5.2.2-001] of 3GPP TS 22.280 [17] | Levels of group hierarchy for group-broadcast groups (Bc1) | Y | Y | Y |
| [R-5.2.3-001] of 3GPP TS 22.280 [17] | Levels of user hierarchy for user-broadcast groups (Bc2) | Y | Y | Y |
| [R-5.8-002] of 3GPP TS 22.280 [17] | Minimum length (Nc3) of an alphanumeric identifier (i.e. alias) assigned by an MCPTT administrator. | Y | N | Y |

Table A.5-2: MCPTT service configuration data (on‑network)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Reference | Parameter description | MCPTT UE | MCPTT Server | Configuration management server |
| [R-5.7.2.3.2-002] of 3GPP TS 22.179 [2] | Timeout value for the cancellation of an in‑progress emergency for an on‑network private call | N | Y | Y |
| [R-5.7.2.1.2-002] of 3GPP TS 22.280 [17] | Time limit for an in-progress emergency related to an on‑network MCPTT group | N | Y | Y |
| [R-5.6.5-004] of 3GPP TS 22.179 [2] | Max on‑network private call (with floor control) duration | N | Y | Y |
| [R-6.2.4-003] of 3GPP TS 22.179 [2] | Hang timer for private calls | N | Y | Y |
| [R-6.7.2-008] of 3GPP TS 22.280 [17] | Max duration of private call (without floor control) | N | Y | Y |
| [R-6.2.3.3.1-001] of 3GPP TS 22.179 [2] | Hierarchy of participant rights to override | N | Y | Y |
| [R-6.2.3.5-002] of 3GPP TS 22.179 [2] | Transmit time limit from a single request to transmit in a group or private call transmission | N | Y | Y |
| [R-6.2.3.5-003], [R-6.2.3.5-004] of 3GPP TS 22.179 [2] | Configuration of warning time before time limit of transmission is reached (on-network) | N | Y | Y |
| [R-6.2.4-005] of 3GPP TS 22.179 [2] | Configuration of warning time before call hang time (on-network) | N | Y | Y |
| [R-6.2.3.2-006] of 3GPP TS 22.179 [2] | Depth of floor control queue | N | Y | Y |
| [R-6.2.3.2-012] of 3GPP TS 22.179 [2] | Max time for a user's floor control request to be queued | N | Y | Y |
| [R-5.13-001] of 3GPP TS 22.280 [17] | Protect confidentiality of signalling (see NOTE 1) | Y | Y | Y |
| [R-5.13-001] of 3GPP TS 22.280 [17] | Protect integrity of signalling (see NOTE 1) | Y | Y | Y |
| [R-5.13-001] of 3GPP TS 22.280 [17] | Use signalling protection between MCPTT servers (see NOTE 1) | N | Y | Y |
| [R-5.13-001] of 3GPP TS 22.280 [17] | Use floor control protection between MCPTT servers (see NOTE 1) | N | Y | Y |
|  | List of functional alias identities |  |  |  |
| [R-5.9a-005] of 3GPP TS 22.280 [17] | > Functional alias | N | Y | Y |
| [R-5.9a-016] of 3GPP TS 22.280 [17] | > Communication priority (see NOTE 2) | N | Y | Y |
| [R-5.9a-005] of 3GPP TS 22.280 [17] | > Limit number of simultaneous activations | N | Y | Y |
| [R-5.9a-005] of 3GPP TS 22.280 [17] | > This functional alias can be taken over | N | Y | Y |
|  | > List of users |  |  |  |
| [R-5.9a-005] of 3GPP TS 22.280 [17] | >> MCPTT ID | N | Y | Y |
| [R-5.6.3-015], [R-6.7.4-016] of 3GPP TS 22.179 [2] | Max number immediate forwardings | N | Y | Y |
| [R-5.10-001a] of 3GPP TS 22.280 [17] | Maximum number of successful simultaneous service authorizations of clients from a user | N | Y | Y |
| Subclause 5.15 of 3GPP TS 22.280 [17] | List of permitted GW MC service ID(s) |  |  |  |
|  | > GW MC service ID | Y | Y | Y |
| NOTE 1: Security mechanisms are specified in 3GPP TS 33.180 [19].  NOTE 2: The usage of this parameter by the MCPTT server is up to implementation. | | | | |

Table A.5-3: MCPTT service configuration data (off‑network)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Reference | Parameter description | MCPTT UE | MCPTT Server | Configuration management server |
| [R-5.7.2.3.2-002] of 3GPP TS 22.179 [2] | Timeout value for the cancellation of an in‑progress emergency for an off‑network private call | Y | N | Y |
| [R-5.7.2.1.2-002] of 3GPP TS 22.280 [17] | Time limit for an in-progress emergency related to an off‑network MCPTT group | Y | N | Y |
| [R-5.6.5-004] of 3GPP TS 22.179 [2] | Max off‑network private call (with floor control) duration | Y | N | Y |
| [R-7.4-002] of 3GPP TS 22.179 [2]  [R-7.4-003] of 3GPP TS 22.280 [17] | Hang timer for private calls in off-network | Y | N | Y |
| [R-7.3.3-001],  [R-7.3.3-002],  [R-7.3.3-003] of 3GPP TS 22.179 [2] | Priority hierarchy for floor control override in off-network | Y | N | Y |
| [R-7.3.5-001],  [R-7.3.5-002],  [R-7.3.5-003] of 3GPP TS 22.179 [2] | Transmit time limit from a single request to transmit in a group or private call. | Y | N | Y |
| [R-7.3.5-001],  [R-7.3.5-004] of 3GPP TS 22.179 [2] | Configuration of warning time before time limit of transmission is reached (off-network) | Y | N | Y |
| [R-7.4-004] of 3GPP TS 22.280 [17] | Configuration of warning time before hang time is reached (off-network) | Y | N | Y |
| [R-7.7-001],  [R-7.7-003] of 3GPP TS 22.280 [17]  [R-7.7-002] of 3GPP TS 22.179 [2] | Default ProSe Per-Packet priority (as specified in 3GPP TS 23.303 [7]) values |  |  |  |
|  | > MCPTT private call signalling | Y | N | Y |
|  | > MCPTT private call media | Y | N | Y |
|  | > MCPTT Emergency private call signalling | Y | N | Y |
|  | > MCPTT Emergency private call media | Y | N | Y |
| [R-7.15-001],  [R-7.7-003] of 3GPP TS 22.280 [17] | Configuration of metadata to log | Y | N | Y |

\* \* \* \* \* \* \* END CHANGE \* \* \* \* \* \* \*