**3GPP TSG-SA WG6 Meeting #37-e S6-200715**

**e-meeting, 14th – 26th May 2020 (revision of S6-xxxxxx)**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** |  | **rev** |  | **Current version:** |  |  |
|  | | | | | | | | |
| *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:*** | Corrections to the one-to-one SDS information elements | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Samsung | | | | | | | | | |
| ***Source to TSG:*** | S6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eMCData3 | | | | |  | ***Date:*** | | | 2020-05-07 |
|  |  | | | |  | |  | | |  |
| ***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:*** | | Some of the information elements like Emergency Indicator , Location related to one-to-one SDS standalone data request and one-to-one standalone session data request that needs to be present when the request is made from MCData server to recipient MCData client are missing. These elements | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | This CR adds those missing information elements and other editiorial changes. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Specification will be incomplete. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 7.4.2.1.1,7.4.2.1.3, 7.4.2.1.5 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 \* \* \* \* \* \* \*

##### 7.4.2.1.1 MCData standalone data request

Table 7.4.2.1.1-1 describes the information flow for the MCData standalone data request sent from the MCData client to the MCData server and from the MCData server to another MCData client.

Table 7.4.2.1.1-1: MCData standalone data request (MCData client to MCData server)

|  |  |  |
| --- | --- | --- |
| Information element | Status | Description |
| MCData ID | M | The identity of the MCData user sending data |
| Functional alias | O | The associated functional alias of the MCData user sending data. |
| MCData ID (see NOTE 1) | O | The identity of the MCData user towards which the data is sent |
| Functional alias  (see NOTE 1) | O | The associated functional alias of the MCData user identity towards which the data is sent. |
| Conversation Identifier | M | Identifies the conversation |
| Transaction Identifier | M | Identifies the MCData transaction |
| Reply Identifier | O | Identifies the original MCData transaction to which the current transaction is a reply to |
| Emergency indicator | O | Indicates that the data request is for MCData emergency communication |
| Disposition Type | O | Indicates the disposition type expected from the receiver (i.e., delivered or read or both) |
| Payload Destination Type | M | Indicates whether the payload is for application consumption or MCData user consumption |
| Location | O | Location of the Originating MCData user sending the SDS message |
| Application identifier (see NOTE 2) | O | Identifies the application for which the payload is intended (e.g. text string, port address, URI) |
| Payload | M | SDS content |
| NOTE 1: Either the MCData ID or the functional alias must be present.  NOTE 2: The application identifier shall be included only if the payload destination type indicates that the payload is for application consumption. | | |

Table 7.4.2.1.1-2: MCData standalone data request (MCData server to MCData client)

|  |  |  |
| --- | --- | --- |
| Information element | Status | Description |
| MCData ID | M | The identity of the MCData user sending data |
| MCData ID | M | The identity of the MCData user towards which the data is sent |
| Conversation Identifier | M | Identifies the conversation |
| Transaction Identifier | M | Identifies the MCData transaction |
| Reply Identifier | O | Identifies the original MCData transaction to which the current transaction is a reply to |
| Emergency indicator | O | Indicates that the data request is for MCData emergency communication |
| Disposition Type | O | Indicates the disposition type expected from the receiver (i.e., delivered or read or both) |
| Payload Destination Type | M | Indicates whether the payload is for application consumption or MCData user consumption |
| Location | O | Location of the Originating MCData user sending the SDS message |
| Application identifier (see NOTE) | O | Identifies the application for which the payload is intended (e.g. text string, port address, URI) |
| Payload | M | SDS content |
| NOTE: The application identifier shall be included only if the payload destination type indicates that the payload is for application consumption. | | |

\* \* \* \* \* \* \* SECOND CHANGE \* \* \* \* \* \* \*

##### 7.4.2.1.3 MCData standalone session data request

Table 7.4.2.1.3-1 describes the information flow for the MCData standalone session data request sent from the MCData client to the MCData server and from the MCData server to another MCData client.

Table 7.4.2.1.3-1: MCData standalone session data request (MCData client to MCData server)

|  |  |  |
| --- | --- | --- |
| Information element | Status | Description |
| MCData ID | M | The identity of the MCData user sending data |
| Functional alias | O | The associated functional alias of the MCData user sending data. |
| MCData ID (see NOTE 1) | O | The identity of the MCData user towards which the data is sent |
| Functional alias (see NOTE 1) | O | The associated functional alias of the MCData user identity towards which the data is sent. |
| Conversation Identifier | M | Identifies the conversation |
| Transaction Identifier | M | Identifies the MCData transaction |
| Reply Identifier | O | Identifies the original MCData transaction to which the current transaction is a reply to |
| Transaction type | M | Standalone transaction |
| Emergency indicator | O | Indicates that the data request is for MCData emergency communication |
| Disposition Type | O | Indicates the disposition type expected from the receiver (i.e., delivered or read or both) |
| Payload Destination Type | M | Indicates whether the SDS payload is for application consumption or MCData user consumption |
| Location | O | Location of the Originating MCData user sending the SDS message |
| Application identifier (see NOTE 2) | O | Identifies the application for which the payload is intended (e.g. text string, port address, URI) |
| Requested Priority | O | Application priority level requested for this communication. |
| SDP offer | M | Media parameters offered |
| NOTE 1: Either the MCData ID or the functional alias must be present.  NOTE 2: The application identifier shall be included only if the payload destination type indicates that the SDS message is for application consumption. | | |

Table 7.4.2.1.3-2: MCData standalone session data request (MCData server to MCData client)

|  |  |  |
| --- | --- | --- |
| Information element | Status | Description |
| MCData ID | M | The identity of the MCData user sending data |
| MCData ID | M | The identity of the MCData user towards which the data is sent |
| Conversation Identifier | M | Identifies the conversation |
| Transaction Identifier | M | Identifies the MCData transaction |
| Reply Identifier | O | Identifies the original MCData transaction to which the current transaction is a reply to |
| Emergency indicator | O | Indicates that the data request is for MCData emergency communication |
| Transaction type | M | Standalone transaction |
| Disposition Type | O | Indicates the disposition type expected from the receiver (i.e., delivered or read or both) |
| Payload Destination Type | M | Indicates whether the SDS payload is for application consumption or MCData user consumption |
| Location | O | Location of the Originating MCData user sending the SDS message |
| Application identifier (see NOTE) | O | Identifies the application for which the payload is intended (e.g. text string, port address, URI) |
| SDP offer | M | Media parameters offered |
| NOTE: The application identifier shall be included only if the payload destination type indicates that the SDS message is for application consumption. | | |

\* \* \* \* \* \* \* THIRD CHANGE \* \* \* \* \* \* \*

##### 7.4.2.1.5 MCData session data request

Table 7.4.2.1.5-1 describes the information flow for the MCData session data request sent from the MCData client to the MCData server and from the MCData server to another MCData client.

Table 7.4.2.1.5-1: MCData session data request (MCData client to MCData server)

|  |  |  |
| --- | --- | --- |
| Information element | Status | Description |
| MCData ID | M | The identity of the MCData user sending data |
| Functional alias | O | The associated functional alias of the MCData user sending data. |
| MCData ID (see NOTE 1) | O | The identity of the MCData user towards which the data is sent |
| Functional alias (see NOTE 1) | O | The associated functional alias of the MCData user identity towards which the data is sent. |
| Conversation Identifier | M | Identifies the conversation |
| Transaction Identifier | M | Identifies the MCData transaction |
| Reply Identifier | O | Identifies the original MCData transaction to which the current transaction is a reply to |
| Transaction type | M | Session based transactions |
| Emergency indicator | O | Indicates that the data request is for MCData emergency communication |
| Disposition Type | O | Indicates the disposition type expected from the receiver (i.e., delivered or read or both) |
| Payload Destination Type | M | Indicates whether the SDS payload is for application consumption or MCData user consumption |
| Location | O | Location of the Originating MCData user sending the SDS message |
| Application identifier (see NOTE 2) | O | Identifies the application for which the payload is intended (e.g. text string, port address, URI) |
| SDP offer | M | Media parameters offered |
| Requested priority | O | Application priority level requested for this communication session |
| NOTE 1: Either the MCData ID or the functional alias must be present.  NOTE 2: The application identifier shall be included only if the payload destination type indicates that the SDS message is for application consumption. | | |

Table 7.4.2.1.5-2: MCData session data request (MCData server to MCData client)

|  |  |  |
| --- | --- | --- |
| Information element | Status | Description |
| MCData ID | M | The identity of the MCData user sending data |
| MCData ID | O | The identity of the MCData user towards which the data is sent |
| Conversation Identifier | M | Identifies the conversation |
| Transaction Identifier | M | Identifies the MCData transaction |
| Reply Identifier | O | Identifies the original MCData transaction to which the current transaction is a reply to |
| Transaction type | M | Session based transactions |
| Emergency indicator | O | Indicates that the data request is for MCData emergency communication |
| Disposition Type | O | Indicates the disposition type expected from the receiver (i.e., delivered or read or both) |
| Location | O | Location of the Originating MCData user sending the SDS message |
| Payload Destination Type | M | Indicates whether the SDS payload is for application consumption or MCData user consumption |
| Application identifier (see NOTE) | O | Identifies the application for which the payload is intended (e.g. text string, port address, URI) |
| SDP offer | M | Media parameters offered |
| Requested priority | O | Application priority level requested for this communication session |
| NOTE: The application identifier shall be included only if the payload destination type indicates that the SDS message is for application consumption. | | |

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