**3GPP SA3#95-LI S3i240738**

**Las Vegas; October 29-November 1, 2024**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **33.128** | **CR** | **0677** | **rev** | **2** | **Current version:** | **19.0.1** |  |
|  | | | | | | | | |
| *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 |  | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** | Corrections on MMS target identities | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | SA3-LI (Nokia) | | | | | | | | | |
| ***Source to TSG:*** | SA3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | LI17 | | | | |  | ***Date:*** | | | 2024-10-31 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | ***A*** |  | | | | | ***Release:*** | | | Rel-19 |
|  | *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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | For MMS LI, not all the target identities listed are available at the MMS Relay/Server to perform the interception. When the LIPF logic diagrams were constructed for TR 33.928, the scope of target identities applicable to MMS was reevaluated and only GPSI and MSISDN and Email Address (non-local only) were considered. | | | | | | | | |
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| ***Summary of change:*** | | Target identity list is updated. Reference [ AA] is corrected to show [39]. | | | | | | | | |
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| ***Consequences if not approved:*** | | Specification has requirements that are not implementable. | | | | | | | | |
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| ***Clauses affected:*** | | 7.4.2.1, 7.4.3.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | | S3i240619, S3i240660 | | | | | | | | |

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

#### 7.4.2.1 Provisioning over LI\_X1

The IRI-POI present in the MMS Proxy-Relay is provisioned over LI\_X1 by the LIPF using the X1 protocol as described in clause 5.2.2.

The POI in the MMS Proxy-Relay shall support the following target identifier formats in the ETSI TS 103 221-1 [7] messages:

- E.164Number.

- EmailAddress.

- GPSIMSISDN.

MSISDN (using the E164Number target identifier format from ETSI TS 103 221-1 [7]).

- IMSI.

- SUPIIMSI.

- NAI.

- SUPINAI.

For MMS LI, NAI is treated as an Email Address.

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

#### 7.4.3.3 MMSNotification

The IRI-POI in the MMS Proxy-Relay shall generate an xIRI containing an MMSNotification record when the MMS Proxy-Relay sends a *m-notification-ind* (as defined in OMA-TS-MMS\_ENC [39] clause 6.2) to the MMS client in the local target UE.

Table 7.4.3-3 contains parameters generated by the IRI-POI, along with parameters derived from the *m-notification-ind* message (from the local MMS Proxy-Relay to the local target).

Table 7.4.3-3: Payload for MMSNotification

|  |  |  |
| --- | --- | --- |
| Field name | Description | M/C/O |
| transactionID | An ID used to correlate an MMS request and response between the target and the MMS Proxy-Relay. As defined in OMA-TS-MMS\_ENC 39] clause 7.3.63. | M |
| version | The version of MM, to include major and minor version. | M |
| originatingMMSParty | ID(s) of the originating party in one or more of the formats described in 7.4.2.1  When address translation occurs (such as the case of a token sent by the client and replaced with a proper address by the MMS Proxy-Relay), both the pre and post translated addresses (with appropriate correlation) are included.  If the originating MMS client requested address hiding, but the MMS Proxy-Relay has access to the "From" field, this shall be reported, regardless of the fact that it may be hidden from the recepient. | C |
| direction | Indicates the direction of the MM. This shall be encoded as “to target." | M |
| subject | The subject of the MM. Include if sent by the MMS Proxy-Relay. | C |
| deliveryReportRequested | Specifies whether the originator MMS UE requests a delivery report from each recipient. The values given in OMA-TS-MMS\_ENC [39] clause 7.3.13 shall be encoded as follows: “Yes” = True, “No” = False. Include if sent by the MMS Proxy-Relay. | C |
| stored | Specifies whether the MM was stored in the target's MMBox, and that the *content-location-value* field is a reference to it. "Stored" is coded as True, and "not Stored" is coded as False. As defined in OMA-TS-MMS\_ENC [39] clause 7.3.57.  Include if sent by the MMS Proxy-Relay. | C |
| messageClass | Class of the MM. For example, a value of "auto" is automatically generated by the UE. | M |
| priority | Priority of the MM assigned by the originator MMS Client. Include if sent by the MMS Proxy-Relay. | C |
| messageSize | Specifies the size of the MM that was viewed or uploaded. Specified in bytes. | M |
| expiry | Length of time in seconds the MM will be stored in MMS Proxy-Relay or time to delete the MM. The field has two formats, either absolute or relative. | M |
| replyCharging | If this field is present its value is set to “accepted” or “accepted text only” and the MMS-version-value of the M-Notification.ind PDU is higher than 1.0, this header field will indicate that a reply to this particular MM is free of charge for the recipient.  If the Reply-Charging service is offered and the request for reply-charging has been accepted by the MMS service provider the value of this header field SHALL be set to “accepted” or “accepted text only”.  See OMA-TS-MMS\_ENC [39] clause 7.3.43. Include if sent by the MMS Proxy-Relay. | C |

### \*\* End of all Changes \*\*