**3GPP SA3LI#92 *s3i240081***

**30 January – 02 February 2024, Sevilla (Spain)**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **33.128** | **CR** | **0615** | **rev** | **1** | **Current version:** | **18.6.0** |  |
|  | | | | | | | | |
| *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 |  | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** | LI\_XQR Ongoing Association: Correction that delivery of NCGI can be requested | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | SA3-LI (ZITiS) | | | | | | | | | |
| ***Source to TSG:*** | SA3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | LI18 | | | | |  | ***Date:*** | | | 2023-01-31 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | F |  | | | | | ***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-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) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The current table 5.8-2 and corresponding xsd don’t provide any means to request the delivery of the NCGI within an OngoingAssociationResponse.  Additionally, the text in clause 5.8.3 contains the wrong message name. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Adding the corresponding Parameter to the ActivateAssociationUpdates message in table 5.8-2.  Correcting the name from ActivateOngoingIdentityAssociationUpdates to ActivateAssociationUpdates. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | No possibility to ask for the provision of the NCGI within a P2T Ongoing Association via the LI\_XQR. Additionally, the message name in the textual description of clause 5.8.3 is wrong. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.8.3, urn\_3GPP\_ns\_li\_3GPPIdentityExtensions.xsd | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 is associated with the following changes in the Forge:  Merge Request: [!246](https://forge.3gpp.org/rep/sa3/li/-/merge_requests/246)  Commit hash: [7b721c94](https://forge.3gpp.org/rep/sa3/li/-/commit/7b721c944785d6386e806245714197790ee0b627) | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | s3i240043 | | | | | | | | |

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

### 5.8.3 Ongoing identity association requests

For requests with RequestType "OngoingIdentityAssociation", the IQF shall activate a request for ongoing updates at the ICF by sending it an ActivateAssociationUpdates message populated as follows:

Table 5.8-2: ActivateAssociationUpdates message for LI\_XQR

|  |  |  |
| --- | --- | --- |
| Field name | Description | M/C/O |
| OngoingAssociationTaskID | Unique identifier for this request allocated by the IQF. | M |
| SUPI | Permanent identifier for which ongoing identity association updates shall be issued. | M |
| Flags | This parameter shall contain the "IncludeNCGIInResponse" Task flag (see table 5.7.2-4A) if this flag was present in the LI\_HIQR Request, see clause 5.7.2.2.  In case the "IncludeNCGIInResponse" Task flag is present then the response shall contain the NR Cell Global Identity associated with the SUPI at the time of association (see table 5.7.2-5). | C |

The ICF shall acknowledge the receipt of the ActivateAssociationUpdates message by responding with an ActivateAssociationUpdatesAcknowledgement response (see Annex E) containing an IdentityAssociationRecord representing the association active at the time the ICF receives the ActivateAssociationUpdates message. If no such active association exists, the ActivateAssociationUpdatesAcknowledgement response shall not contain an IdentityAssociationRecord. Error conditions are reported using the normal error reporting mechanisms described in ETSI TS 103 221-1 [7].

When a request with RequestType "OngoingIdentityAssociation" is terminated over LI\_HIQR (see table 5.7.2-3), the IQF shall issue a DeactivateAssociationUpdates message (see Annex E) with the appropriate OngoingAssociationTaskID populated. On termination of the request, the ICF shall respond with a DeactivateAssociationUpdatesAcknowledgement message.

While a request with RequestType "OngoingIdentityAssociation" is active, the ICF shall generate an IdentityAssociationUpdate message every time the ICF receives an IEFAssociationRecord or IEFDeassociationRecord over LI\_IEF for the relevant identifier. The message shall contain an IdentityAssociationRecord as described in table 5.7.2-5, and the relevant OngoingAssociationTaskID. The IdentityAssociationUpdate message is sent to the IQF over LI\_XQR with the ICF becoming the "requester" as defined in ETSI TS 103 221-1 [7] clause 4.2. The IQF shall respond with an IdentityAssociationUpdateAcknowledgement message.

\*\*\* End of First Change \*\*\*

##### \*\*\* Second Change \*\*\*

---a/33128/r18/urn\_3GPP\_ns\_li\_3GPPIdentityExtensions.xsd  
+++b/33128/r18/urn\_3GPP\_ns\_li\_3GPPIdentityExtensions.xsd

@@ -61,6 +61,7 @@

61 61 <xs:sequence>

62 62 <xs:element name="OngoingAssociationTaskID" type="common:UUID"></xs:element>

63 63 <xs:element name="SUPI" type="liqr:SUPI"></xs:element>

64 + <xs:element name="Flags" type="liqr:TaskFlags" minOccurs="0"/>

64 65 </xs:sequence>

65 66 </xs:extension>

66 67 </xs:complexContent>

##### \*\*\* End of Second Change \*\*\*

##### \*\*\* End of All Changes \*\*\*