**3GPP TSG-SA WG2 Meeting #137E S2-2002037**

**27, Electronic Meeting**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **23.502** | **CR** | **2117** | **rev** |  | **Current version:** | **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:*** | Updated resource information alignment with CT4 | | | | | | | | | |
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| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | SA2 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5G\_ | | | | |  | ***Date:*** | | | 02-18 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | F |  | | | | | ***Release:*** | | | Rel- |
|  | *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)* | |
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| ***Reason for change:*** | | The use case in clause 4.17.12.2 "Binding created as part of service response”, includes a non-related update of “resource information”. However, CT4 has standardized already following use cases where a resource URI may be updated by means of an error including an HTTP Redirection   1. Overload handling 2. Stateless NF/services management    1. Stateless NF as service consumer    2. Stateless NF as service producer  Therefore, it seems that the (CT4) case 2.b) has sneaked in an unrelated (SA2) clause 4.17.12.2. | | | | | | | | |
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| ***Summary of change:*** | | In order to avoid this is interpreted as a requirement for something else than the already standardized Redirection, the indication of update of resource information is deleted (step 4 deletion). | | | | | | | | |
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| ***Consequences if not approved:*** | | Mis-alignment with CT4. Wrong requirement | | | | | | | | |
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| ***Clauses affected:*** | | 4.17.12.2 | | | | | | | | |
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|  | | **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:*** | |  | | | | | | | | |

\*\*\* START CHANGES \*\*\*

#### 4.17.12.2 Binding created as part of service response

When the NF service consumer communicates with the NF service producer, the producer may return a binding indication to the consumer. The consumer stores the received binding indication and uses it for the subsequential requests concerning the data context.



Figure 4.17.12.2-1: Binding created as part of service response

1. If Direct Communication is used, the NF service consumer selects the NF service producer and sends the request to the selected NF service producer. If Indirect Communication mode is used the NF service consumer sends the request to the SCP and provides within the service request to the SCP the discovery and selection parameters necessary to discover and select a NF service producer.

2. The NF service producer sends a response to the NF service consumer. In the response the NF service producer may include a binding indication. If the NF service consumer receives a resource information and binding indication as specified in Table 6.3.1.0-1 of TS 23.501 [2], it uses them for subsequent requests regarding the concerned resource. Otherwise, the procedure ends here.

3. The NF service consumer uses the binding indication and resource information received in the previous step for subsequent requests regarding the concerned resource. If delegated discovery is used, the SCP shall route the service request using the Routing Binding Indication and resource information sent from the NF service consumer.

4. The NF service producer sends a response to the consumer. The NF service producer may respond with an updated binding indication, different to the one received in the previous response.

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