**3GPP TSG-SA5 Meeting #142-e *S5-222079***

**e-meeting, 4 - 12 April 2022**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **32.158** | **CR** | **DraftCR** | **rev** | **-** | **Current version:** | **16.5.0** |  |
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| *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 | **X** | Core Network | **X** |

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| ***Title:***  | Rel-16 CR 32.158 Clarify clause Creating a resource with identifier creation by the MnS Consumer |
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| ***Source to WG:*** | Nokia, Nokia Shanghai Bell |
| ***Source to TSG:*** | S5 |
|  |  |
| ***Work item code:*** | TEI16, REST\_SS |  | ***Date:*** | 2022-03-25 |
|  |  |  |  |  |
| ***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 canbe 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)* |
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| ***Reason for change:*** | The subject matter definitions are slightly underspecified as to a few aspects and require some clarifications to produce fully disambiguous definitions. |
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| ***Summary of change:*** | The definitions are clarified and disambiguated. |
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| ***Consequences if not approved:*** | Underspecified definitions could lead to interoperability issues. |
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| ***Clauses affected:*** | 5.1.2 |
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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:*** |  |

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| **First modification** |

### 5.1.2 Creating a resource with identifier creation by the MnS Consumer

Operations to create a (single) resource shall be specified with the HTTP PUT method, when the MnS Consumer creates the identifier of the new resource.



Figure 5.1.2-1: Flow for creating a resource with HTTP PUT

The procedure is as follows:

1) The MnS Consumer sends an HTTP PUT request to the MnS Producer. The target URI identifies the location of the resource to be created. The target URI shall have no query and no fragment component. The message body shall carry the representation of the resource to be created. The representation shall include the identifier and object class name of the new resource.

2) The MnS Producer returns the HTTP PUT response. On success, "201 Created" shall be returned. The Location header shall carry the URI of the new resource. The message body should contain the representation of the new resource. On failure, the appropriate error code shall be returned. The response message body may provide additional error information.

As for resource creation with HTTP POST, the resource representation in the request and response message may not be identical and may not contain all properties (attributes) that may be defined in a schema specifying the format of the representation. Also, just like for resource creation with HTTP POST, the resource representation sent to the MnS Producer or returned to the MnS Consumer shall not contain the representation of any child resources of the resource to be created.

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| **End of modifications** |