**3GPP TSG-SA5 Meeting #130e *S5-202233***

**e-meeting 20-28 April 2020**

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| *CR-Form-v11.4* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **32.158** | **CR** | **0012** | **rev** | **-** | **Current version:** | **15.4.0** |  |
|  | | | | | | | | |
| *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 | **X** | Core Network | **X** |

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| ***Title:*** | Add the missing definition for LDN-first-part | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | REST\_SS | | | | |  | ***Date:*** | | | 2020-04-02 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-15 |
|  | *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:*** | | In TS 28.532, the following sentence is described, however, the definition for LDN-first-part is missing in TS 32.158.  “LDN-first-part：See subclause 4.4 of TS 32.158 [15]” | | | | | | | | |
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| ***Summary of change:*** | | Add definition for LDN-first-part in clause 4.4. | | | | | | | | |
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| ***Consequences if not approved:*** | | The definition for LDN-first-part is missing which will lead to the invalid reference | | | | | | | | |
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| ***Clauses affected:*** | | 4.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

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| ***This CR's revision history:*** |  |

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| **1st Change** |

## 4.4 URI structure

URIs identifying resources representing managed object instances shall follow a common structure given by

http://{URI-DN-prefix}/{root}/{MnSName}/{MnSVersion}/{URI-LDN}

where:

{URI-DN-prefix} indicates the authority part of the URI constructed from the DN prefix.

{root} indicates an optional root for structuring the resource hierarchy.

{MnSName} indicates the optional MnS name.

{MnSVersion} indicates the optional version of the MnS.

{URI-LDN} indicates the resource path constructed from the LDN.

Note: The {LDN-first-part} may be used as the segment of {URI-LDN} for some openAPI, the {LDN-first-part} is used to indicate the resource path contructed from the LDN of the parent object.

As seen above, to construct the URI from a DN, it is necessary to map the "DNPrefixPlusRDNSeparator" as defined in clause 7.3 of [3], the “LocalDN” as defined in clause 7.3 of [3], and to add the additional path components "/{root}/{MnSName}/{MnSVersion}".

To allow for a predictive mapping from the URI to the original DN it is necessary to specify "/{MnSName}/{MnSVersion}" in such a way that the beginning of the "LocalDN" can be identified.

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| **End of Change** |