**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 |
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| ***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 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-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 ...  |
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| ***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** |