**3GPP TSG- Meeting # *6078***

**, , - revision of S5-245534**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  |  | **CR** |  | **rev** | **1** | **Current version:** |  |  |
|  | | | | | | | | |
| *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:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** |  | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** |  | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** |  |  | | | | | ***Release:*** | | |  |
|  | *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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The common type DN (distinguished name) is missing fron the table of common types. While DNList is include, DN itself is missing. As a DN type is not mapped with this exact name in YANG this should be added. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Add missing mapping of DN to the table of YANG common types. | | | | | | | | |
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| ***Consequences if not approved:*** | | Undefined, misunderstandable mapping of YANG types. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | E.2.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

***First change***

### E.2.2 Common data types

Data types in YANG have the same name as in stage 2 also considering the mapping rule in TS 32.160 [14] clause 6.2.16.1. There are some data types that do not conform to this rule because the data type was defined by an external organisation (e.g. IETF) or pre-existing YANG definitions exist. Table E.2.b-1 lists the mapping for these exceptions.

**Table E.2.2-1: Mapping of common data types**

|  |  |  |
| --- | --- | --- |
| Stage-2 Type Name | YANG type | Description |
| FullTime | yang:time-with-zone-offset | Defined in ietf-yang-types.yang |
| Float | Decimal64 | Defined in RFC 7950 |
| DN | types3gpp:DistinguishedName | Defined in \_3gpp-common-yang-types.yang |
| DnList | types3gpp:DistinguishedName | A list or leaf-list using type types3gpp:DistinguishedName |
| Fqdn | inet:host-name | Defined in ietf-inet-types.yang |
| Ipv4Addr | inet:ipv4-address | Defined in ietf-inet-types.yang |
| Ipv6Addr | inet:ipv6-address | Defined in ietf-inet-types.yang |
| Ipv6Prefix | inet:ipv6-prefix | Defined in ietf-inet-types.yang |
| Uri | inet:uri | Defined in ietf-inet-types.yang |

***End of changes***