**3GPP TSG-SA5 Meeting #155 *S5-242599rev1***

**Jeju, South Korea, 27 - 31 May 2024**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  |  | **CR** | **0015** | **rev** |  | **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:*** | Rel-14 CR TS 28.732 correction of attribute definition | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** |  | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI11 | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** | A |  | | | | | ***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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | According to TS 28.300 a Distinguished Name (DN) is used to uniquely identify a MO within a name space. In TS 28.732 this rule is not followed.  According to TS 32.156 If the property is present for attributes with a multiplicity of greater than “1”, isOrdered shall be set to either “True” or “False”. It shall not be set to “N/A”. | | | | | | | | |
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| ***Summary of change:*** | | Correct Attribute property "isUnique" and “isOrdered” in the document when they attribute Type is DN and multiplicity>1. | | | | | | | | |
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| ***Consequences if not approved:*** | | Incorrect attribute property remains in the document and leads to wrong implementation. | | | | | | | | |
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| ***Clauses affected:*** | | 4.4.1 | | | | | | | | |
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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:*** | |  | | | | | | | | |

***First change***

### 4.4.1 Attribute properties

The following table defines the attributes that are present in several IOCs of the present document.

| Attribute Name | Documentation and Allowed Values | Properties |
| --- | --- | --- |
| transportNetworkType | The type of underlying transport network, i.e. ATM, IP.  allowedValues: ATM, IP | type: <<enumeration>>  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| usageChannel | The logical channel using the transport network connection.  Ref. 3GPP TS 25.430 [9].  allowedValues: examples are “Iub-NBAP”, “Iub-ALCAP”. | type: String  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| virtualPathId | The ATM Virtual Path Identifier (VPI).  Ref. ITU-T Recommendation I.361[5].  allowedValues: N/A | type: Integer  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| virtualChannelId | The ATM Virtual Channel Identifier (VCI).  Ref. ITU-T Recommendation I.361 [5].  allowedValues: N/A | type: Integer  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| physicalPortIdList | The list of identifiers of the ATM physical port containing termination points.  allowedValues: N/A | type: String  multiplicity: 1..\*  isOrdered: False  isUnique: True  defaultValue: None  isNullable: false |
| physicalPortid | The identifier of the ATM physical port containing termination points.  allowedValues: N/A | type: String  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| physicalInterfaceType | The ATM physical interface type.  Ref. 3GPP TS 25.431[10], 3GPP TS 25.411[11].  allowedValues: Examples are ‘E1’, ‘STM1’. | type: String  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| serviceCategoryIn | The ATM Service Category used for the virtual connection Ingress (incoming) traffic.  Ref. ITU-T Recommendation I.361[5].  allowedValues: CBR, RT-VBR, NRT-VBR, ABR, UBR, GFR | type: <<enumeration>>  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: N/A  isNullable: False |
| serviceCategoryEg | The ATM Service Category used for the virtual connection Egress (outgoing) traffic. Ref. ITU-T Recommendation I.361[5]  allowedValues: CBR, RT-VBR, NRT-VBR, ABR, UBR, GFR | type: <<enumeration>>  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: N/A  isNullable: False |
| usedAAL | The ATM Adaptation Layer (AAL) used for the virtual connection.  Ref. ITU-T Recommendation I.361[5].  allowedValues: Null, AAL1,..... | type: <<enumeration>>  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: N/A  isNullable: False |
| peakCellRateIn | Peak Cell Rate (PCR) in kbits/sec for Ingress traffic.  Ref. ITU-T Recommendation I.361 [5].  allowedValues: N/A | type: Integer  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| peakCellRateEg | Peak Cell Rate (PCR) in kbits/sec for Egress traffic.  Ref. ITU-T Recommendation I.361 [5].  allowedValues: N/A | type: Integer  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| sustainableCellRateIn | Sustainable Cell Rate (SCR) in kbits/sec for Ingress traffic.  Ref. ITU-T Recommendation I.361 [5].  allowedValues: 1…n | type: Integer  Multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: N/A  isNullable: False |
| sustainableCellRateEg | Sustainable Cell Rate (SCR) in kbits/sec for Egress traffic.  Ref. ITU-T Recommendation I.361 [5].  allowedValues: 1…n | type: Integer  Multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: N/A  isNullable: False |
| maximumBurstSizeIn | Maximum Burst Size (MBS) for VBR Service Categories for Ingress traffic.  Ref. ITU-T Recommendation I.361 [5].  allowedValues: 1…n | type: Integer  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: N/A  isNullable: False |
| maximumBurstSizeEg | Maximum Burst Size (MBS) for VBR Service Categories for Egress traffic.  Ref. ITU-T Recommendation I.361 [5].  allowedValues: 1…n | type: Integer  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: N/A  isNullable: False |
| minimumCellRateIn | Minimum Cell Rate (MCR) in kbits/sec for ABR, GFR Service Categories for Ingress traffic.  Ref. ITU-T Recommendation I.361 [5].  allowedValues: 1…n | type: Integer  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: N/A  isNullable: False |
| minimumCellRateEg | Minimum Cell Rate (MCR) in kbits/sec for ABR, GFR Service Categories for Egress traffic.  Ref. ITU-T Recommendation I.361 [5]. | type: Integer  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: N/A  allowedValues: 1…n  isNullable: False |
| minimumDesiredCellRateIn | Minimum Desired Cell Rate (MDCR) in kbits/sec for UBR Service Category for Ingress traffic.  Ref. ITU-T Recommendation I.361 [5].  allowedValues: 1..n | type: Integer  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: N/A  isNullable: False |
| minimumDesiredCellRateEg | Minimum Desired Cell Rate (MDCR) in kbits/sec for UBR Service Category for Egress traffic.  Ref. ITU-T Recommendation I.361 [5].  allowedValues: 1..n | type: Integer  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: N/A  isNullable: False |
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| Role-Attribute Name |  |  |
| theATMChannelTerminationPoint | It carries zero or more DNs of ATMChannelTerminationPoint.  allowedValues: N/A  Null value means no DN is carried. | type: DN  multiplicity: 0..\*  isOrdered: False  isUnique: True  defaultValue: None  isNullable: False |
| theATMPathTerminationPoint | It carries zero or one DN of ATMPathTerminationPoint.  allowedValues: N/A  Null value means no DN is carried. | type: DN  multiplicity: 0..1  isOrdered: False  isUnique: True  defaultValue: None  isNullable: False |
| theIubLink | It carries zero or more DNs of IubLink.  allowedValues: N/A  Null value means no DN is carried. | type: DN  multiplicity: 0..\*  isOrdered: False  isUnique: True  defaultValue: None  isNullable: False |

***End of changes***