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

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

|  |
| --- |
| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  |  | **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)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network | **X** |

|  |
| --- |
|  |
| ***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 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-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”. |
|  |  |
| ***Summary of change:*** | Correct Attribute property "isUnique" and “isOrdered” in the document when they attribute Type is DN and multiplicity>1. |
|  |  |
| ***Consequences if not approved:*** | Incorrect attribute property remains in the document and leads to wrong implementation.  |
|  |  |
| ***Clauses affected:*** | 4.4.1 |
|  |  |
|  | **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: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneisNullable: False |
| usageChannel | The logical channel using the transport network connection. Ref. 3GPP TS 25.430 [9].allowedValues: examples are “Iub-NBAP”, “Iub-ALCAP”. | type: Stringmultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneisNullable: False |
| virtualPathId | The ATM Virtual Path Identifier (VPI). Ref. ITU-T Recommendation I.361[5].allowedValues: N/A | type: Integermultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneisNullable: False |
| virtualChannelId | The ATM Virtual Channel Identifier (VCI). Ref. ITU-T Recommendation I.361 [5].allowedValues: N/A | type: Integermultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneisNullable: False |
| physicalPortIdList | The list of identifiers of the ATM physical port containing termination points.allowedValues: N/A | type: Stringmultiplicity: 1..\*isOrdered: FalseisUnique: TruedefaultValue: NoneisNullable: false |
| physicalPortid | The identifier of the ATM physical port containing termination points.allowedValues: N/A | type: Stringmultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneisNullable: False  |
| physicalInterfaceType | The ATM physical interface type. Ref. 3GPP TS 25.431[10], 3GPP TS 25.411[11].allowedValues: Examples are ‘E1’, ‘STM1’. | type: Stringmultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneisNullable: 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: 1isOrdered: N/AisUnique: N/AdefaultValue: N/AisNullable: 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: 1isOrdered: N/AisUnique: N/AdefaultValue: N/AisNullable: 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: 1isOrdered: N/AisUnique: N/AdefaultValue: N/AisNullable: False |
| peakCellRateIn | Peak Cell Rate (PCR) in kbits/sec for Ingress traffic. Ref. ITU-T Recommendation I.361 [5].allowedValues: N/A | type: Integermultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneisNullable: False  |
| peakCellRateEg | Peak Cell Rate (PCR) in kbits/sec for Egress traffic. Ref. ITU-T Recommendation I.361 [5].allowedValues: N/A | type: Integermultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneisNullable: False  |
| sustainableCellRateIn | Sustainable Cell Rate (SCR) in kbits/sec for Ingress traffic.Ref. ITU-T Recommendation I.361 [5].allowedValues: 1…n | type: IntegerMultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: N/AisNullable: False |
| sustainableCellRateEg | Sustainable Cell Rate (SCR) in kbits/sec for Egress traffic.Ref. ITU-T Recommendation I.361 [5].allowedValues: 1…n | type: IntegerMultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: N/AisNullable: False |
| maximumBurstSizeIn | Maximum Burst Size (MBS) for VBR Service Categories for Ingress traffic.Ref. ITU-T Recommendation I.361 [5].allowedValues: 1…n | type: Integermultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: N/AisNullable: False |
| maximumBurstSizeEg | Maximum Burst Size (MBS) for VBR Service Categories for Egress traffic.Ref. ITU-T Recommendation I.361 [5].allowedValues: 1…n | type: Integermultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: N/AisNullable: 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: Integermultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: N/AisNullable: 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: Integermultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: N/AallowedValues: 1…nisNullable: 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: Integermultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: N/AisNullable: 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: Integermultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: N/AisNullable: False |
|  |  |  |
| Role-Attribute Name |  |  |
| theATMChannelTerminationPoint | It carries zero or more DNs of ATMChannelTerminationPoint.allowedValues: N/ANull value means no DN is carried. | type: DNmultiplicity: 0..\*isOrdered: FalseisUnique: TruedefaultValue: NoneisNullable: False |
| theATMPathTerminationPoint | It carries zero or one DN of ATMPathTerminationPoint.allowedValues: N/ANull value means no DN is carried. | type: DNmultiplicity: 0..1isOrdered: FalseisUnique: TruedefaultValue: NoneisNullable: False |
| theIubLink | It carries zero or more DNs of IubLink.allowedValues: N/ANull value means no DN is carried. | type: DNmultiplicity: 0..\*isOrdered: FalseisUnique: TruedefaultValue: NoneisNullable: False |

***End of changes***