**3GPP TSG-SA5 Meeting #155 *S5-243329***

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

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **28.317** | **CR** | **0004** | **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 |  |

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| ***Title:*** | Rel-18 CR TS 28.317 Correct the Attribute definition | | | | | | | | | |
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| ***Source to WG:*** | Huawei, China Mobile | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | RANSC | | | | |  | ***Date:*** | | | 2024-05-07 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | F |  | | | | | ***Release:*** | | | Rel-18 |
|  | *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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
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| ***Reason for change:*** | | 1. Based on the template description in clause 5.2 in TS 32.160, the “allowedValues” should not in the “Properties” column. However, the definition for several attributes (e.g. nEInformation) is not following such template. 2. Some typos for attributes definitions. | | | | | | | | |
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| ***Summary of change:*** | | 1. Remove the “allowedValues” in the “Properties” column. 2. Correct the typos. | | | | | | | | |
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| ***Consequences if not approved:*** | | The NRM definition in TS 28.317 is not aligned with TS 32.160. | | | | | | | | |
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| ***Clauses affected:*** | | 6.2.4 | | | | | | | | |
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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:*** | |  | | | | | | | | |

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| **1st Change** |

### 6.2.4 Attribute definition

The following table defines the properties of attributes specified in the present document.

Table 6.2.4-1 Attribute definition

| Attribute Name | Documentation and Allowed Values | Properties |
| --- | --- | --- |
| nEInformation | This attribute defines the NE Type(s) or the NE instance(s) for which this ScMgmtProfile instance is valid.  allowedValues: N/A | type: String  multiplicity: \*  isOrdered: False  isUnique: True  defaultValue: None  isNullable: False |
| configDataFileLocation | This attribute specifies the address where the files of network configuration data can be retrieved.  allowedValues: File URI | type: String  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| cancelScProcess | Setting this attribute to "TRUE" cancels the self configuration process. Cancellation is possible in the "NOT\_STARTED" and "RUNNING" state. Setting the attribute to "FALSE" has no observable result.  allowedValues: TRUE, FALSE | Type: ENUM  multiplicity: 0..1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| nEIdentification | This attribute identifies the NE for which the Sc\_Process instance is done.  Note: nEIdentification should be identity of RAN NEs.  allowedValues: N/A | type: String  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| ScProcessMonitor | This attribute provides monitoring for the self configuration process. The data type of this attribute is the "ProcessMonitor" as defined in clause 4.3.43 in TS 28.622 [4] with the specialisations defined in clause 6.2.3.2.1.  allowedValues: N/A | Type: ProcessMonitor  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| ScProcessMonitor. status | This attribute represents the status of the associated self-configuration process, whether it fails (represented by FAILED), succeeds (represented by FINISHED) etc.  allowedValues:  - NOT\_STARTED  - RUNNING  - CANCELLING  - FINISHED  - FAILED  - CANCELLED | Type: ENUM  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| ScProcessMonitor. progressStateInfo | This attribute following specialization for the "progressStateInfo" attribute of the "ProcessMonitor" data type for the Sc\_Process"  When the " Sc\_Process.ScProcessMonitor.status " is equal to "RUNNING", it provides the more detailed progress information.  allowedValues  - NE\_HEALTH\_CHECK  - SW\_DOWNLOAD  - SW\_INSTALLATION  - SW\_ACTIVATION  - PREPARE\_BASIC\_CONFIGURATION\_AND\_OAMLINK  - RETRIEVE\_CONFIGURATION\_DATA  - SETUP\_PRECONFIGURED\_SIGNALLING\_LINKS  - SET\_FINAL\_STATE\_OF\_NE | Type: ENUM  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| ScProcessMonitor. resultStateInfo | This attribute provides the following specialisation for the "resultStateInfo" attribute of the "ProcessMonitor" data type for the Sc\_Process.  In the attribute status is equal to "FAILED", it provides the reason for the failure.  allowedValues for attribute status = "FAILED":  - UNKNOWN  - INCORRECT\_CONFIGURATION,  - NE\_HARDWARE\_ERROR\_DELECTED"  - DISCONNECTION\_BETWEEN\_NE\_AND\_OAM  - OTHER | Type: ENUM  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| ScProcessMonitor. startTime | This attribute provides start time of the associated SCprocess, i.e. the time when the status changed from "NOT\_STARTED" to "RUNNING".  allowedValues: N/A | Type: DateTime  multiplicity: 0..1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| ScProcessMonitor. endTime | This attribute provides the end time when status changed to FINISHED, CANCELLED or FAILED.  allowedValues: N/A | Type: DateTime  multiplicity: 0..1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| ScProcessMonitor. progessPercentage | This attribute indicates progress of the process as percentage. The percent can be measured by number of finished steps from total steps in the self configuration process.  allowedValues: [0, 100] | Type: Integer  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| ScMgmtProfileRef | This attribute specifies the DN of the associated ScMgmtProfile | Type: DN  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |

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| **End of Changes** |