**3GPP TSG-SA5 Meeting #145-e *S5-225388***

**Online, , 15th Aug 2022 - 24th Aug 2022**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **28.313** | **CR** | **0052** | **rev** | **1** | **Current version:** | **17.5.0** |  |
|  | | | | | | | | |
| *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 | **V** | Core Network |  |

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| ***Title:*** | Rel-17 CR TS 28.313 align the discription between TS 28.541 for CSON PCI configuration | | | | | | | | | |
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| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eSON\_5G | | | | |  | ***Date:*** | | | 2022-08-05 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *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)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The CPCIConfigurationFunction IOC in TS 28.541 includes the attribute cSonPciList, which is used for domain centralized PCI configuration. The CSON PCIconfiguration description in TS 28.313 doesn't includes the PCIlist. To align the descriptions, The PCIlist parameter needs to be added to support domain centralized PCI configuration. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Add PCI list parameters in control information.  Correct typo “Coversage shape” into “Coverage shape” | | | | | | | | |
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| ***Consequences if not approved:*** | | The PCI configuration feature will be not supported because the specification description is inconsistent. | | | | | | | | |
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| ***Clauses affected:*** | | 7.2.1.2.1, 7.2.3.2.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

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| **1st modified section** |

## 7.2 Management services for C-SON

### 7.2.1 PCI configuration

#### 7.2.1.1 MnS component type A

Table 7.2.1.1-1: PCI type A

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| --- | --- |
| MnS Component Type A | Note |
| Operations and notifications defined in clause 11.1.1 of TS 28.532 [3]:  - createMOI operation  - getMOIAttributes operation  --- modifyMOIAttributes operation  - - deleteMOI operation  - - notifyMOIAttributeValueChanges operation  - notifyMOICreation  - notifyMOIDeletion  - notifyMOIChanges | It is supported by Provisioning MnS for NF, as defined in 28.531 [11]. |
| Operations and notifications defined in clause 11.5.1 of TS 28.532 [3]:  - establishStreamingConnection operation  - terminateStreamingConnection operation  - reportStreamData operation  - addStream operation  - deleteStream operation  - getConnectionInfo operation  - getStreamInfo operation |  |
| Operations defined in clauses 11.3.1.1.1 and 11.6.1 in TS 28.532 [3] and clause 6.2.3 of TS 28.550 [12]:  notifyFileReady operation  - reportStreamData operation  - notifyFilePreparationError notification  - subscribe operation  - unsubscribe operation  - istAvailableFiles operation | It is supported by Performance Assurance MnS for NFs, as defined in 28.550 [12]. |

#### 7.2.1.2 MnS Component Type B definition

##### 7.2.1.2.1 Control information

The parameter is used to control the C-SON PCI configuration function.

Table 7.2.1.2.1-1: PCI control

| Control parameter | Definition | Legal Values |
| --- | --- | --- |
| PCI configuration control | This attribute allows authorized consumer to enable/disable the C-SON PCI configuration functionality. | disable, enable |
| PCI list | The list of PCI values to be used by domain centralized SON PCI configuration function to assign the PCI for NR cells. (See attribute cSonPciList in TS 28.541 [13]). | Integer |

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| **2nd modified section** |

7.2.3.2 MnS Component Type B definition

7.2.3.2.1 Parameters to be updated

Table 7.2.3.2.1-1 defines the CCO control parameters to be updated by C-SON function.

**Table 7.2.3.2.1-1: CCO control parameters**

| Control parameters | Definition | Note |
| --- | --- | --- |
| Configured max Tx power | Represents the maximum transmission power in milliwatts (mW) at the antenna port for all downlink channels, used simultaneously in a cell, added together. See attribute configuredMaxTxPower in TS 28.541 [13]. |  |
| Configured Max Tx EIRP | Represents the maximum emitted isotroptic radiated power (EIRP) in dBm for all downlink channels, used simultaneously in a cell, added together. See attribute configuredMaxTxEIRP in TS 28.541 [13]. |  |
| Coverage shape | Identifies the sector carrier coverage shape described by the envelope of the contained SSB beams. See attribute coverageShapen in TS 28.541 [13]. |  |
| Digital tilt | Represents the vertical pointing direction of the antenna relative to the antenna bore sight, representing the total non-mechanical vertical tilt of the selected coverageShape. See attribute digitalTilt in TS 28.541 [13]. |  |
| Digital azimuth | Represents the horizontal pointing direction of the antenna relative to the antenna bore sight, representing the total non-mechanical horizontal pan of the selected coverageShape. See attribute digitalAzimuth in TS 28.541 [13]. |  |

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| **End modified section** |