**3GPP TSG-SA5 Meeting #145-e *S5-*** ***225412rev1***

**e-meeting, 15 - 24 August 2022**

**Source: China Unicom**

**Title: Add potential solution for PLMN-related attribute requirement for operator specific IOC**

**Document for: Approval**

**Agenda Item: 6.8.6**

# 1 Decision/action requested

***In this box give a very clear / short /concise statement of what is wanted.***

# 2 References

[1] 3GPP TR 28.835 v0.3.0: “Management Aspects of 5G MOCN Network Sharing Phase2”

# 3 Rationale

It was approved to add potential solution for PLMN-related attribute requirement for opetrator specific IOC. This contribution proposes to add pLMNInfoList attribute for some operator-related IOCs.

# 4 Detailed proposal

This contribution proposes to make the following changes in [1].

***1st Change***

## 5.X Issue #X: PLMN-related attribute requirement for operator specific IOC

### 5.X.2 Potential solution

1. The OperatorDU IOC defined in TS 28.541[2] shall add PLMN-related attributes.

The pLMNId attribute shall be added as follows:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute name** | **S** | **isReadable** | **isWritable** | **isInvariant** | **isNotifyable** |
| pLMNId | M | T | T | F | T |

1. The GNBDUFunction IOC defined in TS 28.541[2] shall add PLMN-related attributes.

The pLMNId attribute shall be added as follows:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute name** | **S** | **isReadable** | **isWritable** | **isInvariant** | **isNotifyable** |
| pLMNId | O | T | T | F | T |

|  |  |
| --- | --- |
|  |  |
|  |  |

1. The Configurable5QISet IOC defined in TS 28.541[2] shall create and configure one instance for each POP to support different POP’s pre-configured 5QIs in MOCN networking sharing scenario.
2. TheConfigurable5QISet IOC shall add PLMN-related attributes.

The pLMNId attribute shall be added as follows:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute name** | **S** | **isReadable** | **isWritable** | **isInvariant** | **isNotifyable** |
| pLMNId | CM | T | T | F | T |

The attribute constraint of pLMNId shall be added as follows:

|  |  |
| --- | --- |
| Name | Definition |
| pLMNId S | Condition: The NG-RAN Multi-Operator Core Network (NG-RAN MOCN) network sharing with multiple Cell Identity broadcast feature is supported. |

***End of Change***