**3GPP TSG-SA5 Meeting #145-e *S5-*** ***225410rev1***

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

**Source: China Unicom**

**Title: Add key issue 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 study the enhancement of management aspects for 5G MOCN Network Sharing [1]. For supporting the POP’s network operation, MOP-NM needs to sent different operator-data to each POP. Some IOCs defined in TS 28.541 should create and configure an instance for each POP, but the PLMN-related attribute of these IOCs are not defined. In TS 28.532, some operations defined shall have capability to filter opetrator-specific object instances via the PLMN-related attribute. So some operator-related IOCs need to add PLMN-related attribute for creating opetrator-specific object instances.

# 4 Detailed proposal

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

***1st Change***

# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non‑specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TS 28.541: "5G Network Resource Model (NRM); Stage 2 and stage 3".

[3] 3GPP TS 28.552: "5G performance measurements".

[4] 3GPP TS 32.130: "Network sharing; Concepts and requirements".

[5] 3GPP TS 28.533: " Architecture framework".

[6] 3GPP TS 28.622: " Generic Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) ".

[7] 3GPP TS 28.658: "Telecommunications management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)".

[8] 3GPP TS 28.532: " Management and orchestration; Generic management services" .

***2nd Change***

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

### 5.X.1 Description

For MOCN networking sharing and POP’s network operation requirements, each POP needs to get some individual operator-specific data from MOP-SR-DM or MOP-NM. Some IOCs defined in TS 28.541[2] should create and configure an instance for each POP, but the PLMN-related attribute of these IOCs are not defined. Some of the operations defined in TS 28.532[8] shall have capability to filter opetrator-specific object instances via the PLMN-related attribute. According to the POP’s data requirements and supporting the operation PLMN-filtering capability, some operator specific IOCs need to add PLMN-related attribute for creating different POPs’ object instances. In addition, the operator specific IOCs mainly include two categories: specific IOCs for NRM NG-RAN MOCN network sharing(e.g. OperatorDU) and operator-related IOCs whose instances or attributes can be configured for each POP(e.g. configurable5QISet).

***End of Changes***