**3GPP TSG-SA5 Meeting #143-e *S5-*** ***223353rev1***

e-meeting, 9 - 17 May 2022

**Source: China Unicom**

**Title: Add key issue management requirement between MOP-NM and MOP-SR-DM**

**Document for: Approval**

**Agenda Item: 6.5.13**

# 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 v0.1.0: “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]. One of the objectives of this new study item is studying the requirements of the interface between POP and MOP, and impact on interaction between MOP and NEP. For supporting the POP’s network operation, MOP-NM needs to sent different data (e.g. mobility management measurements focused by POP A, packet delay measurements focused by POP B) to each POP.

# 4 Detailed proposal

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

***1st Change***

## 5.X Issue #X: Management requirement between MOP-NM and MOP-SR-DM

### 5.X.1 Description

For MOCN Networking Sharing, different POP needs different data for personalized operation and maintenance services (e.g. mobility management measurements focused by POP A, packet delay measurements focused by POP B). MOP-NM needs to sent different data to POP-NM for POPs’ network operation.



**Figure 5.X-1: Data flow of configuration and performance measurements for MOCN**

The data flow of configuration and performance measurements is depicted in figure 5.X-1. Preventing data modification by MOP-NM and ensuring data fairness per POP, different configuration and performance measurements for each POP on MOP-SR-DM need to be forwarded to MOP-NM. Then the MOP-NM sent these data to POP-NM directly.

The data flow of alarm data is depicted in figure 5.X-2. Ensuring alarm ID continuity, different alarm data for each POP on MOP-NM need to be forwarded to each POP.



**Figure 5.X-2: Data flow of alarm data for MOCN**

Editor's Note: The above figures will be modified on service-based management architecture if service-based management architecture for MOCN is determined.***End of Change***