**3GPP TSG-SA5 Meeting #145-e *S5-225373rev1***

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

**Source: China Mobile**

**Title: pCR TR 28.833 Add key issue for topic 4**

**Document for: Approval**

**Agenda Item: 6.8.4.4**

# Decision/action requested

***The group is asked to discuss and endorse the proposal in section 4***

# 2 References

[1] SP-220324 " New Study on Management Aspects of 5GLAN "

[2] 3GPP TS 23.552: "Management and orchestration;5G performance measurements".

[3] 3GPP TS 23.502: "Procedures for the 5G System (5GS); Stage 2"

# 3 Rationale

This contribution proposes to add key issue for topic 4.

# 4 Detailed proposal

It proposes to make the following changes.

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| **1st Change** |

# 5 Topics

## 5.4 Topic 4: for 5G VN group end-to-end network KPIs m anagement

### 5.4.1 Use case

It is necessary to evaluate the end-to-end network KPIs in 5G VN group level to evaluate the performance of 5G LAN-type services for provided consistence of group UE experience.

The KPIs as followed can be used to describe some performance requirement for 5G LAN-type services, for examples:

* The 5G VN group status can be calculated by group member registration/de-registration success rate of 5G VN group.
* The duration of 5G VN group communication can be counted by the sum of duration of individual PDU sessions within the 5G VN group communication.
* The 5G VN group communication could be identified by DNN/S-NSSAI by the SMF.

### 5.4.2 Potential requirements

**REQ-LAN-KPIs-01** The 3GPP management system should have the capability to measure end-to-end network KPIs in 5G VN group level to evaluate the performance of 5G LAN-type services.

### 5.4.3 Key Issues

#### 5.4.3.1 Description

This key issue is for investigating how to support 5G LAN-type service management considering REQ-LAN-KPIs-01. This investigation covers the following:

- identification and clarification of related KPIs for monitoring the network performance to evaluate 5G LAN-type services

- determination of which and how NF in the 5G system or management system to re-configure the network for 5G LAN-type services when performance degrades

### 5.4.4 Solutions

### 5.4.5 Evalution

### 5.4.6 Conclusion

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| **End of Change** |