**3GPP TSG-SA5 Meeting #143-e *S5-223344***

**e-meeting, 9-17 May 2022**

**Source: China Mobile**

**Title: Add use case5 for 5G VN group end-to-end network KPIS management of FS\_5GLAN\_Mgt**

**Document for: Approval**

**Agenda Item: 6.5.11**

# 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 "

# 3 Rationale

This contribution proposes to add usecase for TR 28.833.

# 4 Detailed proposal

It proposes to make the following changes.

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| **1st Change** |

# 5 Use cases and potential requirements

## 5.X Use case for 5G VN group end-to-end network KPIS m anagement

### 5.X.1 Description

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.X.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.

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| **End of Change** |