**3GPP TSG-SA5 Meeting #162 *S5-254021d1***

Goteborg, Sweden, 25- 29 Aug 2025

**Source: Rakuten Mobile**

**Title: pCR TR 28.869 Add evaluation and conclusion for management data streaming based on message bus**

**Document for: Approval**

**Agenda item: 6.19.6**

**Spec: 3GPP TR 28.869**

**Version: 1.5.1**

**Work Item: FS\_Cloud\_OAM**

**Comments**

**Proposed Changes**

\* \* \* First Change \* \* \* \*

#### 5.2.2.4 Evaluation

**Solution #1** in clause 5.2.2.3.1 provides data streaming based on message bus. The proposed solution implies impacts on the 3GPP management system to support the streaming of management data based on message bus. This includes:

1. Impact to existing streaming data reporting service defined in TS 28.532: to support message bus-based data reporting from the MnS producer, a new streaming data reporting service needs to be introduced.
2. Impact to MnS producer due to the generality of data streaming service.

**Solution #2** in clause 5.2.2.3.2 shows how management data can be streamed with minimal impact to the existing MnS producers. The proposed solution relies on existing SA5 defined mechanisms for streaming management data between the MnS producer and the MnS consumer. It implies no impacts on the 3GPP management system.

Both solution#1 and solution #2 meet the requirements defined in 5.2.2.2. However, the adoption of a particular solution depends on operator’s specific cloud deployment scenarios and requirements.

\* \* \* Next Change \* \* \* \*

# 6 Conclusions and recommendations

Editor's Note: This clause captures the conclusions and the recommendations of the study.

## 6.x Data streaming

Due to the implied impacts on the 3GPP management system evaluated in clause 5.2.2.4, it is recommended to do further study in Rel20 to support the new message bus-based streaming data reporting service in the 3GPP management system. It is also recommended to further study in Rel20 SBMA topic where other OAM functions can benefit from the multipoint-to-multipoint communication pattern.

\* \* \* End of Changes \* \* \* \*