**3GPP TSG-SA5 Meeting #162 *S5-254021d4***

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. However, since the solution is based on another mechanism using WebSocket, rather than message bus, it does not meet the requirement defined clause 5.2.2.2\* \* \* Next Change \* \* \* \*

# 6 Conclusions and recommendations

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

## 6.X Data streaming for cloud-native NF deployments

It is recommended to further study solution #1 (i.e., data streaming solution based on message bus) presented in clause 5.2.2.3.1 with broader scope in R20 5G-A SBMA topic. The solution#2 presented in clause 5.2.2.3.2 is already supported and no further normative work is required.

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