**3GPP TSG-SA5 Meeting #161 *S5-254019***

Goteborg, Sweden, 25 - 29 August 2025

**Source: Nokia, Ericsson**

**Title: Pseudo-CR on Rel-19 pCR TR 28.869 Add conclusions and recommendations to the use of VNF generic OAM functions**

**Document for: Approval**

**Agenda item: 6.19.6**

**Spec: 3GPP TR 28.869**

**Version: 1.5.1**

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

**Comments**

The pCR proposes to add conclusions and recommendations to the use of VNF generic OAM functions defined in clause 5.1 of TR 28.869

**Proposed Changes**

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

# 6 Conclusions and recommendations

## 6.Y Use of VNF generic OAM functions

The study has identified use cases that show how VNF generic OAM functions can be used to support cloud-native VNFs in terms of configuration, policy management and upgrade operations (see clauses 5.1.1, 5.1.2, 5.1.4).

However, the study has not identified any impacts or enhancements to the 3GPP management system to support VNF generic OAM functions. The first set of use case requirements identified in the proposed use cases (i.e., REQ-CVNF\_CM-1 (see clause 5.1.1.2), REQ-policy-1 (see clause 5.1.2.2) and REQ-CVNF\_UP-1 (see clause 5.1.4.2)) are already satisfied by existing 3GPP defined mechanisms (see option #1 in clause 5.1.5 and corresponding solutions in clauses 5.1.1.3.4, 5.1.2.3.2 and 5.1.4.3.2). The other set of use case requirements (i.e., REQ-CVNF\_CM-2 (see clause 5.1.1.2), REQ-policy-2 (see clause 5.1.2.2) and REQ-CVNF\_UP-2(see clause 5.1.4.2)) are not on the 3GPP management system. The use case solutions provided by the VNF generic OAM functions (i.e., in clauses 5.1.1.3.1, 5.1.1.3.2, 5.1.1.3.3, 5.1.2.3.1 and 5.1.4.3.1) are outside the 3GPP management system.

Further, the study identified a use case and corresponding solution for cloud-native VNF traffic management relying on the traffic enforcer VNF generic OAM function (see clause 5.1.3). However, it is not clear what cloud-native VNF traffic means in this use case and the relation with 3GPP signalling traffic. Subsequently, if the traffic is not the 3GPP signalling traffic, then the traffic management is out of scope for 3GPP SA5.

Accordingly, from the 3GPP management system perspective, no normative work is recommended for Release-20 based on the contents in the present document.

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