**3GPP TSG-SA5 Meeting #161 *S5-253448***

Goteborg, Sweden, 25 - 29 August 2025

**Source: Nokia, Ericsson, NTT Docomo, AT&T**

**Title: Pseudo-CR on Rel-19 pCR TR 28.869 Add Evaluation 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 evaluation of solutions for the use cases in clause 5.1 of TR 28.869

**Proposed Changes**

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

#### 5.1.1.4 Evaluation of solutions

The solutions presented in clauses 5.1.1.3.1, 5.1.1.3.2 and 5.1.1.3.3 describe how the VNF generic OAM functions can be used to convey/apply configuration of NF Deployments. For these solutions, the interactions between the MnS Producers and the VNF generic OAM functions is through the interfaces specified in ETSI GS NFV-IFA 049 [2] and out of scope of 3GPP.

However, a general improvement can be considered by introducing an optional attribute to a new or an existing IOC that can be used to carry additional parameters expressed as key-value pairs to be used by any implementation, e.g., VNF generic OAM functions.

The solutions presented in clause 5.1.1.3.4 and 5.1.1.3.6 relies on the use of existing SA5 specifications to support configuration of NF Deployments. These solutions do not require any further enhancements to support the use case requirement REQ-CVNF\_CM-1.

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

#### 5.1.2.4 Evaluation of solutions

The solution presented in clause 5.1.2.3.1 describes how the VNF generic OAM functions can be used to convey/apply policies related to the NF Deployments. For this solution, the interactions between MnS Producers and the VNF generic OAM functions is through the interfaces specified in ETSI GS NFV-IFA 049 [2] and out of scope of 3GPP. However, any information required from the 3GPP management system to enable the solution in clause 5.1.2.3.1 can be conveyed using the optional attribute presented in clause 5.1.1.4.

The solution presented in clause 5.1.2.3.2 relies on the use of existing 3GPP SA5 specifications to support policy management for the NF Deployments. The solution does not require any further enhancements in the 3GPP management system to satisfy the use case requirement REQ-policy-1.

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

#### 5.1.3.4 Evaluation of solutions

The role of the 3GPP management system in supporting traffic management (as per the use case requirement REQ-CVNF\_TM-1) is ambiguous. The use case has not defined what “NF Deployment traffic” means and the relation if any with 3GPP signalling traffic.

Subsequently, if NF Deployment traffic is not the 3GPP signalling traffic, then the traffic management use case is out of scope for 3GPP SA5 in this release.

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

#### 5.1.4.4 Evaluation of solutions

The solution presented in clauses 5.1.4.3.1 describes how the VNF generic OAM functions can be used to support the upgrade of the NF Deployments. For this solution, the interactions between MnS Producers and the VNF generic OAM functions is through the interfaces specified in ETSI GS NFV-IFA 049 [2] and out of scope of 3GPP. However, any information required from the 3GPP management system to enable the solution in clause 5.1.4.3.1 can be conveyed using the optional attribute presented in clause 5.1.1.4.

The solution presented in clause 5.1.4.3.2 relies on the use of existing SA5 specifications to support the upgrade of NF Deployments. The solution does not require any further enhancements in the 3GPP management system to satisfy the use case requirement REQ-CVNF\_UP-1.

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