

LIAISON STATEMENT

Title: LSout to 3GPP SA5 about status of FEAT24
“VNF-OAM” development by ETSI NFV

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Copy to: n/a

Response to: n/a
(if applicable)

Attachments: n/a
(if applicable)

1. Overall description:

With the present liaison, ETSI ISG NFV would like to inform and raise awareness of the status of FEAT24 on "VNF generic OAM" and its related work items, the study ETSI GR NFV-EVE 019 and the normative specification ETSI GS NFV-IFA049, to 3GPP SA5 WG members and promote further collaboration between the two SDOs.

At the ETSI NFV 10th anniversary conference held at ETSI HQ, Sophia-Antipolis, France, from March 6 to 7, it was brought up to the attention of the NFV community the progress made by 3GPP SA5 in the study item for TR 28.834 on "management of cloud native virtualized network functions", which includes aspects about "VNF generic OAM functions" introduced by ETSI NFV.

Regarding the current work items and their status in the ETSI ISG NFV, we refer to the following:

- ETSI GR NFV-EVE 019, "Network Functions Virtualisation (NFV) Release 5; Architectural Framework; Report on VNF generic OAM functions" is in version v5.0.5 and is close in reaching stable draft status.
 - Regarding the document scope, the group report analyses and defines different types of generalized OAM functions for VNFs supporting e.g., the provisioning, connectivity, configuration, and monitoring of VNFs on a virtualised platform. The group report also describes possible solutions to realize such generic OAM functions.
 - The current work item is framed within the NFV Release 5 and it provides an extension to the first version completed in NFV Release 4 by introducing new use cases and aspects related to automation, service meshes, testing and generic application management.
 - The current draft version ETSI GR NFV-EVE 019 v5.0.5 is available at the following location: <https://docbox.etsi.org/ISG/NFV/Open/Drafts/EVE019ed511/NFV-EVE019ed511v505.zip>
 - Upon approval by the ETSI ISG NFV, the published version is expected in early July 2023 and will be part of NFV Release 5.
- ETSI GS NFV-IFA 049 "Network Functions Virtualisation (NFV) Release 4; Architectural Framework;

VNF generic OAM functions specification" is in version v0.0.6 and is close in reaching stable draft status.

- Regarding the document scope, the group specification specifies the VNF Generic OAM functions framework, defines the functional requirements, interface requirements and descriptor requirements for VNF generic OAM functions. It also defines the interface operations and the relevant information elements exchanged.
- The specification is based on the outcomes and recommendations reported from the first Release 4 published version of ETSI GR NFV-EVE 019, which is available at the following link: https://www.etsi.org/deliver/etsi_gr/NFV-EVE/001_099/019/04.01.01_60/gr_nfv-eve019v040101p.pdf
- The draft version ETSI GS NFV-IFA 049 v0.0.7 is available at the following location: https://docbox.etsi.org/ISG/NFV/Open/Drafts/IFA049_VNF_gen_OAM/NFV-IFA049v007.zip
- Upon approval by the ETSI ISG NFV the published version is expected in early July 2023 and will be part of NFV Release 4.

As part of the usual working procedures of the ETSI ISG NFV, the outcomes from group reports are then considered for further evolving the normative group specifications. In light of this, future version of the ETSI GS NFV-IFA 049, likely in the NFV Release 5, would consider the new or updated recommendations from the ongoing work item that updates the ETSI GR NFV-EVE 019.

2. Actions:

3GPP SA5 WG is kindly asked to:

- 1) provide technical feedback, if any, on the VNF generic OAM functions framework, like also on the relevant interfaces and information elements specified in ETSI GS NFV-IFA 049, and the new use cases, solutions and analysis reported in ETSI GR NFV-EVE 019.
- 2) provide potential additional requirements, if needed, on ETSI NFV specifications based on the studies that 3GPP SA5 develops in the field of VNF generic OAM functions.
- 3) communicate with ETSI NFV in case there are any doubts, unclarities or feedback that might arise during the development of the studies and/or future normative work in 3GPP SA5 on topics related to VNF generic OAM functions.
- 4) communicate back to ETSI NFV about the progress of studies and/or future normative work that 3GPP SA5 performs on topics related to VNF generic OAM functions.

3. Date of next meetings of the originator:

5-9 June 2023

NFV#42 plenary

Sophia-Antipolis, France

In addition,

- NFV-IFA WG has weekly decision-making conference calls every Wednesday.
- NFV-EVE WG has weekly decision-making conference calls every Monday.