**3GPP TSG-SA5 Meeting #142-e *S5-222324rev3***

**e-meeting, 4 - 12 April 2022**

**Source: Huawei**

**Title: Add desptiption of roles in CICD chain**

**Document for: Approval**

**Agenda Item: 6.5.14**

# 1 Decision/action requested

This document is to request approval of the proposed text.

# 2 Rational

The current Draft TR 28.819 describes the concepts, requriments and use cases, but missed some important coverage to the description of roles in CICD chain. This document is to add description of roles of NOP and NF suppliers in CICD chain.

# 3 Proposed changes

The start of the change

## 5.1 Roles Relevant to this Study

This report uses the roles as specified in item 4.8 of TS28.530[3]. The roles that are particularly important for this document are:

- Network Operator (NOP)

- the NFVI Supplier

- The Network equipment supplier: For the provider of this report the network equipment provider is referred to as 3GPP NF provider (or the VNF provider if the NF is virtualized).

The role of NOP in CICD chain may include:

* To control the delivery of new software version of 3GPP network functions, including the capability to receive the notification of new software version of network function and fetch the software image.
* To validate new software version of 3GPP network functions, including the validation test, etc
* To deploy performance measurements in operational phase regarding the new software version of 3GPP network function.
* To monitor 3GPP network functions, during the operational phase once the new software version of 3GPP network functions are deployed.

The role of Network equipment provider may include:

* To provide means of notification the new software version of 3GPP network functions.
* To provide the capability to deploy the new software version of 3GPP network functions.
* To provide the capability to validate (e.g., the operational test) the new software version of 3GPP network functions
* To provide the capability to rollback to the old network function in case of necessities.
* To provide the management capability to monitor the performance in operational phase, regarding the new software version of 3GPP network functions.

End of change