**3GPP TSG-SA5 Meeting #162S5-254017**

Goteborg, Sweden, 25 - 29 August 2025

**Source:** **China Mobile, AT&T, Ericsson, Nokia, Rakuten Mobile, NTT DOCOMO**

**Title: Pseudo-CR on TR 28.869 Add evaluation for some LCM solutions**

**Document for: Approval**

**Agenda item: 6.19.6**

**Spec: 3GPP TR 28.869**

**Version: V1.5.1**

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

**Comments**

The contribution proposes to add evaluation for some LCM solutions.

**Proposed Changes**

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

#### 5.2.1.4 Evaluation of solutions

The solution in clause 5.2.1.3 describes use of a deployment management reference point that enables interaction of 3GPP management system with an orchestration and management system.

The proposed reference point fulfils the use case requirement expressed in clause 5.2.1.2.

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

#### 5.2.3.4 Evaluation of solutions

The proposed solutions in clause 5.2.3.3 describe the high level interactions for use of the reference point introduced in clause 5.2.1.3 for creation of NF Deployment(s).

The proposed solution in clause 5.2.3.3.2 describes use of declarative descriptor for NF Deployment creation.

In the proposed solution the non-ETSI MANO interfaces are unspecified because they are out of scope of 3GPP, and the completion of the creation operation is dependent on the capabilities provided by the external orchestration and management system.

With the interfaces provided by an external orchestration and management system that has the capability to perform creation of NF Deployment, the 3GPP management system is able to send the request and receive the response for the creation of NF Deployment, and such solutions can fulfil the requirements expressed in clause 5.2.3.2.

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

#### 5.2.4.4 Evaluation of solutions

The proposed solutions in clause 5.2.4.3 describe the high level interactions for use of the reference point introduced in clause 5.2.1.3 for modification of NF Deployment(s).

The proposed solution in clause 5.2.4.3.2 describes use of declarative descriptor for NF Deployment modification.

In the proposed solution the non-ETSI MANO interfaces are unspecified because they are out of scope of 3GPP, and the completion of the modification operation is dependent on the capabilities provided by the external orchestration and management system.

With the interfaces provided by an external orchestration and management system that has the capability to perform modification of NF Deployment, the 3GPP management system is able to send the request and receive the response for the modification of NF Deployment, and such solutions can fulfil the requirements expressed in clause 5.2.4.2.

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

#### 5.2.5.4 Evaluation of solutions

The proposed solutions in clause 5.2.5.3 describe the high level interactions for use of the reference point introduced in clause 5.2.1.3 for termination of NF Deployment(s).

The proposed solution in clause 5.2.5.3.2 describes use of declarative descriptor for NF Deployment termination.

In the proposed solution the non-ETSI MANO interfaces are unspecified because they are out of scope of 3GPP, and the completion of the termination operation is dependent on the capabilities provided by the external orchestration and management system.

With the interfaces provided by an external orchestration and management system that has the capability to perform termination of NF Deployment, the 3GPP management system is able to send the request and receive the response for the termination of NF Deployment, and such solutions can fulfil the requirements expressed in clause 5.2.5.2.

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

#### 5.2.6.4 Evaluation of solutions

The proposed solutions in clause 5.2.6.3 describe the high level interactions for use of the reference point introduced in clause 5.2.1.3 for scaling of NF Deployment(s).

The proposed solution in clause 5.2.6.3.2 describes use of declarative descriptor for NF Deployment scaling.

In the proposed solution the non-ETSI MANO interfaces are unspecified because they are out of scope of 3GPP, and the completion of the scaling operation is dependent on the capabilities provided by the external orchestration and management system.

With the interfaces provided by an external orchestration and management system that has the capability to perform scaling of NF Deployment, the 3GPP management system is able to request the horizontal scaling of specific NF Deployment instance(s) and such solutions can fulfil the requirements expressed in clause 5.2.6.2.

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