**3GPP TSG-SA5 Meeting #144-eS5-224106**

**e-meeting, 27 June - 1 July 2022**

**Source: Huawei**

**Title: Add background of supported LCM procedures**

**Document for: Approval**

**Agenda Item: 6.8.5.1**

# 1 Decision/action requested

***For approval***

# 2 References

[1] 3GPP TR 28.104 V1.1.0 Management and orchestration; Management Data Analytics (MDA)

# 3 Rationale

This contribution adds background information on procedures that 3GPP has defined for the lifecycle management of mobile networks that include virtualized network functions.

# 4 Detailed proposal

This contribution proposes to make the following changes in [1].

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| **1st change** |

# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non‑specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[x] 3GPP TS 28.526 "Life Cycle Management (LCM) for mobile networks that include virtualized network functions".

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| **2nd change** |

# 4 Concepts and background

*Editor's note: this clause will contain concepts and background of relevant studies in other SDOs or industry parties.*

## 4.x Lifecycle management for mobile networks that include virtualized network functions

In TS 28.526 [x], 3GPP defines lifecycle management procedures for the following:

VNF instance LCM

VNF package LCM

NS instance LCM

NSD LCM

PNFD LCM

These lifecycle management procedures are defined for a 4G system and they refer to concepts (such as NM and EM) which may not apply to a 5G system.

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| **End of changes** |