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LTE;
Telecommunication management;
Life Cycle Management (LCM) for mobile networks that include virtualized network functions;
Requirements
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Contents

Foreword

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y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.

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Introduction

The present document is part of a TS-family covering the 3rd Generation Partnership Project Technical Specification Group Services and System Aspects, Telecommunication Management; as identified below:

TS 28.525: Telecommunication management; Life Cycle Management (LCM) for mobile networks that include virtualized network functions; Requirements.

TS 28.526: Telecommunication management; Life Cycle Management (LCM) for mobile networks that include virtualized network functions; Procedures.

TS 28.527: Telecommunication management; Life Cycle Management (LCM) for mobile networks that include virtualized network functions; Stage 2.

TS 28.528: Telecommunication management; Life Cycle Management (LCM) for mobile networks that include virtualized network functions; Stage 3.

1 Scope

The present document (together with the relevant requirements described in [2], [3] and [4]) specifies the requirements applicable to Lifecycle Management (LCM) for mobile networks that include virtualized network functions which can be part of EPC or IMS.

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

[2] 3GPP TS 28.500: "Telecommunication management; Concept, architecture and requirements for mobile networks that include virtualized network functions".

[3] 3GPP TS 32.101: "Telecommunication management; Principles and high level requirements".

[4] 3GPP TS 32.102: "Telecommunication management; Architecture".

[5] ETSI GS NFV-IFA 010 (V2.2.1) (2016-09): "Network Functions Virtualisation (NFV); Management and Orchestration; Functional Requirements Specification".

[6] ETSI GS NFV-IFA 013 (V2.1.1) (2016-10): "Network Function Virtualisation (NFV); Management and Orchestration; Os-Ma-nfvo reference point - Interface and Information Model Specification".

[7] 3GPP TS 28.520: "Telecommunication management; Performance Management (PM) for mobile networks that include virtualized network functions; Requirements".

[8] ETSI GS NFV-IFA 008 (V2.1.1) (2016-10): "Network Function Virtualisation (NFV); Management and Orchestration; Ve-Vnfm reference point - Interface and Information Model Specification".

[9] ETSI GS NFV-IFA 011 (V2.1.1) (2016-10): "Network Functions Virtualisation (NFV); Management and Orchestration; VNF Packaging Specification".

[10] ETSI GS NFV-IFA 014 (V2.1.1) (2016-10) "Network Functions Virtualisation (NFV); Management and Orchestration; Network Service Templates Specification".

[11] 3GPP TS 28.510: "Telecommunication management; Configuration Management (CM) for mobile networks that include virtualized network functions; Requirements".

[12] 3GPP TS 28.515: "Telecommunication management; Fault Management (FM) for mobile networks that include virtualized network functions; Requirements".

[13] 3GPP TS 32.501: "Telecommunication management; Self-configuration of network elements; Concepts and requirements".