



Network Functions Virtualisation (NFV); Use Cases

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Foreword

This Group Report (GR) has been produced by ETSI Industry Specification Group (ISG) Network Functions Virtualisation (NFV).

Modal verbs terminology

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1 Scope

The scope of the present document is to describe use cases of interest for Network Functions Virtualisation (NFV). It updates and extends ETSI GS NFV 001 V1.1.1 [i.15].

2 References

2.1 Normative references

Normative references are not applicable in the present document.

2.2 Informative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

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The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

[i.1] ETSI GS NFV 003: "Network Functions Virtualisation (NFV); Terminology for Main Concepts in NFV".

[i.2] ETSI GS NFV-REL 005: "Network Functions Virtualisation (NFV); Accountability; Report on Quality Accountability Framework".

[i.3] ISO/IEC 17788 (First edition) (2014-10-15): "Information technology -- Cloud computing -- Overview and vocabulary".

NOTE: Available at http://standards.iso.org/ittf/PubliclyAvailableStandards/c060544_ISO_IEC_17788_2014.zip.

[i.4] ISO/IEC 17789 (First edition) (2014-10-15): "Information Technology -- Cloud Computing -- Reference Architecture".

NOTE: http://standards.iso.org/ittf/PubliclyAvailableStandards/c060545_ISO_IEC_17789_2014.zip.

[i.5] NGMN 5G White Paper.

[i.6] NGMN Description of Network Slicing Concept.

[i.7] IMT 2020 5G Network Topology Architecture.

[i.8] NFV White paper: "Network Functions Virtualisation, An Introduction, Benefits, Enablers, Challenges & Call for Action. Issue 1".

NOTE: Available at http://portal.etsi.org/NFV/NFV_White_Paper.pdf.

[i.9] 5G-PPP whitepapers on verticals (eHealth, Factories of the Future, Energy, Automotive, and Media and Entertainment).

NOTE: Available at <https://5g-ppp.eu/white-papers/>.

[i.10] TM Forum, Information Framework (SID), GB922, Release 15.0.0, September 2015.

[i.11] Recommendations ITU-T Y.3510: "Cloud computing infrastructure requirements", February 2016.

[i.12] Recommendation ITU-T Y.3501: "Cloud computing - Framework and high-level requirements", June 2016.