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Network Functions Virtualisation (NFV) Release 2; Information Modeling; UML Modeling Guidelines

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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

In the present document "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the ETSI Drafting Rules (Verbal forms for the expression of provisions).

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1 Scope

The present document defines the guidelines that have to be taken into account during the creation of a protocol-neutral UML (Unified Modeling Language) information model.

These guidelines are informative for the general reader, but need to be followed when designing models for the ETSI NFV Information Model.

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.

NOTE: While any hyperlinks included in this clause were valid at the time of publication, ETSI cannot guarantee their long term validity.

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] Papyrus Eclipse UML Modeling Tool.

NOTE: Available at https://www.eclipse.org/papyrus/.

[i.2] Unified Modeling Language™ (UML®).

NOTE: Available at http://www.uml.org/.

[i.3] OMG Unified Modeling Language (OMG UML), Version 2.5.

NOTE: Available at http://www.omg.org/spec/UML/2.5/.

[i.4] Open Networking Foundation UML Modeling Guidelines V1.2, September 2016 (ONF TR-514).

[i.5] ETSI GR NFV-IFA 015: "Network Functions Virtualisation (NFV) Release 2; Management and Orchestration; Report on NFV Information Model".

[i.6] ETSI GS NFV 003: "Network Functions Virtualisation (NFV); Terminology for Main Concepts in NFV".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in ETSI GS NFV 003 [i.6] apply.