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ETSI GR NFV-EVE 025 V0.0.1 (2024-04)

**Group REPORT**

Network Functions Virtualisation (NFV) Release 6;

Evolution and Ecosystem;

Report on Serverless and other application
virtualization forms in NFV

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Reference

DGR/NFV-EVE025

Keywords

CLOUD, cloud-native, MANO. NFV, Virtualisation

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# Foreword

This Group Report (GR) has been produced by ETSI Industry Specification Group 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](https://portal.etsi.org/Services/editHelp%21/Howtostart/ETSIDraftingRules.aspx) (Verbal forms for the expression of provisions).

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# 1 Scope

The present document …

# 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] ETSI GR NFV 003: "Network Functions Virtualisation (NFV); Terminology for Main Concepts in NFV".

[i.2] etc.

# 3 Definition of terms, symbols and abbreviations

## 3.1 Terms

For the purposes of the present document, the terms given in ETSI GR NFV 003 [i.1] and the following apply:

NOTE: A term defined in the present document takes precedence over the definition of the same term, if any, in ETSI GR NFV 003 [i.1].

## 3.2 Symbols

For the purposes of the present document, the [following] symbols [given in ... and the following] apply:

## 3.3 Abbreviations

For the purposes of the present document, the abbreviations given in ETSI GR NFV 003 [i.1] and the following apply:

# 4 Overview and background

## 4.1 Introduction to Serverless

Editor’s Note: This clause will introduce the Serverless concept and related emerging technologies, etc.

# 5 Use cases

## 5.1 Overview

Editor’s Note: This clause will provide an introduction to the use cases.

## 5.x Use case <A>: <use case name>

Editor’s Note: This clause now serves as a template for the content required when adding use cases. Other kinds/styles of use cases description may apply if agreed in discussion.

### 5.x.1 Introduction

Editor’s Note: This clause is used to provide an introduction description of the use case and explain the target and objectives.

### 5.x.2 Actors and roles

Editor’s Note: This clause describes the actors and roles involved in the use case.

Table 5.x.2-1 describes the use case actors and roles.

Table 5.x.2-1: <use case name> actors and roles

|  |  |  |
| --- | --- | --- |
| # | Actor and role | Description |
|  |  |  |

### 5.x.3 Trigger

Editor’s Note: This clause describes the use case trigger.

Table 5.x.3-1 describes the use case trigger.

Table 5.x.3-1: <use case name> trigger

|  |  |
| --- | --- |
| Trigger | Description |
|  |  |

### 5.x.4 Pre-conditions

Editor’s Note: This clause describes the use case pre-conditions.

Table 5.x.4-1 describes the use case pre-conditions.

Table 5.x.4-1: <use case name> pre-conditions

|  |  |  |
| --- | --- | --- |
| # | Pre-condition | Description |
|  |  |  |

### 5.x.5 Post-conditions

Editor’s Note: This clause describes the use case post-conditions.

Table 5.x.5-1 describes the use case post-conditions.

Table 5.x.5-1: <use case name> post-conditions

|  |  |  |
| --- | --- | --- |
| # | Post-condition | Description |
|  |  |  |

### 5.x.6 Flow description

Editor’s Note: This clause describes the use case flow.

Table 5.x.6-1 describes the use case flow.

Table 5.x.6-1: <use case name> flow description

|  |  |  |
| --- | --- | --- |
| # | Actor/Role | Action/Description |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# 6 Analysis and potential solutions

Editor’s Note: This clause will document analysis and potential solutions enhancing the NFV framework (including the relevant functional entities, functions, and interfaces, etc.) to support and address aspects related to the scope of the research work item.

## 6.1 Introduction

Editor’s Note: This clause will provide an introduction to the framework and potential solutions that are developed in the report.

## 6.x Potential solutions

### 6.x.1 Solution A: <solution name>

Editor’s Note: A baseline clause for a solution.

## 6.y Evaluation of solutions

Editor’s Note: This clause will provide a comparative evaluation of the solutions to help derive specific recommendations for enhancements to the NFV framework in clause 7.

# 7 Recommendations

Editor’s Note: This clause will document recommendations based on research output of the present document.

## 7.1 Overview

Editor’s Note: This clause will provide some introductory description about the recommendations.

## 7.x Recommendations related to <aspect A>

Editor’s Note: A baseline clause for recommendation

# 8 Conclusion

Editor’s Note: The purpose of this clause is to provide conclusion for the group report EVE 025.

Annex A:
Change History

| Date | Version | Information about changes |
| --- | --- | --- |
| April 2024 | 0.0.1 | Skeleton early draft |
|  |  |  |
|  |  |  |
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# History

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| **Document history** |
| <Version> | <Date> | <Milestone> |
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