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Proofs of Concept Framework

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Contents

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Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Network Technologies (NTECH).

Modal verbs terminology

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Introduction

The present document defines a framework to coordinate and promote public demonstrations of Proofs of Concept (PoC) illustrating key aspects of Autonomic Management & Control (AMC).

1 Scope

Proofs of Concept are an important tool to demonstrate the viability of a new technology during its early days and or pre-standardisation phase. The present document defines a framework to coordinate and promote multivendor Proofs of Concept (PoC) projects illustrating key aspects of the autonomic management and control technology [i.1].

The main objectives of this PoC framework are:

- to ensure the PoC projects are scoped around relevant topics;
- to ensure that the PoC results, lessons learnt and identified gaps are feedback to the AFI working group of TC NTECH;
- to build confidence on the viability of autonomic management and control technology;
- to encourage the development of a diverse and open ecosystem by fostering the integration of components from different players;
- to support standardization activities of the AFI working group of TC NTECH.

This framework describes:

- the different roles and responsibilities in the PoC process;
- the PoC process;
- the acceptance criteria for PoC Proposals and Reports.

2 References

2.1 Normative 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 reference document (including any amendments) applies.

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Not applicable.

2.2 Informative references

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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 TS 103 194 (V1.1.1): "Network Technologies (NTECH); Autonomic network engineering for the self-managing Future Internet (AFI); Scenarios, Use Cases and Requirements for Autonomic/Self-Managing Future Internet".