



**Network Technologies (NTECH);
Autonomic network engineering for the self-managing
Future Internet (AFI);
Proofs of Concept Framework**

Reference

DTS/NTECH-AFI-0026-GANA-PoC

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650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

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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

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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".