ETSI GS NGP 002 V1.1.1 (2017-05)

Next Generation Protocols (NGP); Self-Organizing Control and Management Planes

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Reference
DGS/NGP-002

Keywords
management plane, next generation protocol,
self-management, self-organizing

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Foreword

This Group Specification (GS) has been produced by ETSI Industry Specification Group (ISG) Next Generation Protocols (NGP).

Modal verbs terminology

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1 Scope

The scope of the present document is to specify the self-organizing control and management planes for the Next Generation Protocols (NGP), Industry Specific Group (ISG).

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 referenced document (including any amendments) applies.

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The following referenced documents are necessary for the application of the present document.

[1] IETF RFC 7575: "Autonomic Networking: Definitions and Design Goals".

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 GS AFI 002 (V1.1.1): "Autonomic network engineering for the self-managing Future Internet (AFI); Generic Autonomic Network Architecture (An Architectural Reference Model for Autonomic Networking, Cognitive Networking and Self-Management)".

[i.2] IETF draft-ietf-anima-reference-model: "Reference Model for Autonomic Networking", April 2016.

[i.3] IETF draft-pritikin-anima-bootstrapping-keyinfra: "Bootstrapping Key Infrastructures", October 2016.

[i.4] IETF draft-ietf-anima-grasp: "Generic Autonomic Signaling Protocol (GRASP)", December 2016.

[i.5] ETSI TR 121 905: "Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Vocabulary for 3GPP Specifications (3GPP TR 21.905)".

[i.6] ETSI TS 132 501: "Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Self-configuration of network elements; Concepts and requirements (3GPP TS 32.501)".

[i.7] ETSI GS NGP 006: "Next Generation Protocol (NGP); Intelligence-defined Network".

[i.8] NTECH(17)000013: "Requirements for Protocols and APIs for Enabling GANA based Autonomics, Cognitive Networking and Self-Management of Networks and Services in Evolving and Future Networks".