



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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Contents

Intellectual Property Rights	5
Foreword.....	5
Modal verbs terminology.....	5
1 Scope	6
2 References	6
2.1 Normative references	6
2.2 Informative references.....	6
3 Definitions and abbreviations.....	7
3.1 Definitions	7
3.2 Abbreviations	7
4 Overview	8
5 Background	9
5.1 Motivation of Self-Management and Control.....	9
5.2 Evolution History of Network Control and Management	9
5.3 Relationship with Existing Work	10
6 Vision of Self-X Networks.....	11
6.1 Overview	11
6.2 Self Configuration	11
6.3 Self Service Orchestration.....	11
6.4 Self Fault Management	12
6.5 Self Optimization	12
6.6 Self Defence	12
7 Considerations for Realizing Self-X Networks.....	12
7.1 Request for New Protocols and Enhanced Infrastructure.....	12
7.2 Distributed and Centralized Approaches.....	13
7.3 Transition Considerations.....	13
7.4 Security Considerations.....	13
8 Architecture of Self-X Network.....	14
8.1 Architecture Overview	14
8.2 Self Knowledge on Autonomic Node.....	14
8.3 Interaction Functions on Autonomic Node	14
8.4 Autonomic Service Agents on Autonomic Node	15
8.5 Network-wide Knowledge.....	15
8.6 Interaction with External Input/Intervention	15
8.7 Negotiation between Autonomic Nodes for Autonomic Decision	15
8.8 AI Technologies for Autonomic Decision.....	16
9 Autonomic Service Agents (ASAs)	16
9.1 ASAs for Basic Connectivity	16
9.2 ASAs for Management Infrastructure	23
9.3 ASAs for Management Functions	24
9.4 ASAs for Service Provisioning	27
10 Use Cases of Self-X Network	28
10.1 IP-based Radio Access Network Self-configuration (IPRANconf).....	28
10.2 Automated Cluster Organization (ACOr).....	30
10.3 Automated Cluster Optimization/re-organization (ACOp)	30
11 Future Protocol and API Requirements.....	31
11.1 Protocol Requirements	31
11.2 API Requirements	32
Annex A (informative): Authors & contributors.....	33

Annex B (informative):	Bibliography	34
Annex C (informative):	Change history	35
History		36

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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

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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-ietf-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".