
myProject™ - P1903 PAR Detail

Submitter Email: j.carlo@ieee.org

Type of Project: New IEEE Standard

PAR Request Date: 14-Feb-2008

PAR Approval Date: 27-Mar-2008

PAR Expiration Date: 31-Dec-2012

PAR Signature Page on File: Yes

Status: PAR for a New IEEE Standard

Project: 1903

Root Project:

1.1 Project Number: P1903

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

1.4 Is this project in ballot now? No

2.1 Title: Standard for a Next Generation Service Overlay Network

3.1 Working Group:

3.2 Sponsoring Society and Committee: IEEE Communications Society/Standards Committee (COM/SC)

Contact Information for Sponsor Chair

Alexander Gelman

Email: adg@ieee.org

Phone: 1 609 644 2097

Contact Information for Standards Representative

Alexander Gelman

Email: adg@ieee.org

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3.3 Joint Sponsor: IEEE-SA Board of Governors/Corporate Advisory Group (BOG/CAG)

Contact Information for Sponsor Chair

Steve Mills

Email: steve_mills@hp.com

Phone: 408 447 3426

Contact Information for Standards Representative

None

4.1 Type of Ballot: Entity

4.2 Expected Date of Submission for Initial Sponsor Ballot: 04/2010

4.3 Projected Completion Date for Submittal to RevCom: 11/2011

5.1 Approximate number of people expected to work on this project: 10

5.2 Scope: This standard describes a framework of Internet Protocol(IP)-based service overlay networks and specifies context-aware, (e.g., such as required Quality of Service(QoS) level, type of service such as real-time vs. data, nature of data stream such as I-frame vs. B-frame, and type of terminal such as TV monitor vs. Personal Digital Assistant) dynamically adaptive (e.g., using locally derived information to discover, organize, and maintain traffic flows in the network within a local area network), and self-organizing networking capabilities (e.g., developing network structures based on the needs of the customers and the capabilities of existing network structures), including advanced routing and forwarding schemes, and that are independent of underlying transport networks.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: The purpose of this standard is to enable network operators, service/content providers, and end-users to provide and consume collaborative services by the deployment of context-aware, dynamically adaptive, and self-organizing networking capabilities.

5.5 Need for the Project: The amount of services and applications and their interaction are increasing at an exponential rate. This standard is needed to provide a better, more efficient way of providing these services and applications by means of context-aware, dynamically adaptive, and self-organizing networking capabilities.

5.6 Stakeholders for the Standard: Stakeholders for this standard include Network Operators, Service/Content Providers, Equipment suppliers and the Public.

Intellectual Property

6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitted this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes

If yes, state date: 01/09/2008

6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No

6.1.c. Is the Sponsor aware of possible registration activity related to this project? No

7.1 Are there other standards or projects with a similar scope? No

and answer the following:

Sponsor Organization:

Project/Standard Number:

Project/Standard Date:

Project/Standard Title:

7.2 Future Adoptions

Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization? Do not know at this time

7.3 Will this project result in any health, safety, security, or environmental guidance that affects or applies to human health or safety? No

7.4 Additional Explanatory Notes: (Item Number and Explanation) A) For the former PAR draft (Oct07), officially supporting companies were: China Mobile, France Telecom, HP, Huawei, IBM, Korea Telecom, Oracle. At the Rennes meeting (Jan08), where the PAR was revised, the companies in attendance were: Huawei, IBM, Nortel, Alcatel-Lucent, China Mobile, FT. After issuing a call for support of NGSON Project P1903, here's the supporters and their contact information: 1) Companies that expect to join the IEEE NGSON Project as voting members (attend meetings and seek approval for funds to be a voting member dependent on receiving a valid invoice): China Mobile Co.Ltd: Wang Chongping (wangchongping@ChinaMobile.com) FT: Christian Jacquenet (christian.jacquenet@orange-ftgroup.com) Huawei Technologies: Thomas Lee (Li Li) (ThomasLee@Huawei.com) HP: Gerry Winsor (Gerry.Winsor@HP.com) KT: Jinkyung Hwang (jkhwang@kt.com) Oracle: Stephane H. Maes (stephane.Maes@Oracle.com)
