P1903.3

Submitter Email: klu@ieee.org
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Status: Modification to a Previously Approved PAR
Root PAR: P1903.3  Approved on: 07-Dec-2011
Project Record: P1903.3

1.1 Project Number: P1903.3
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard for Self-Organizing Management Protocols of Next Generation Service Overlay Network (NGSON)

3.1 Working Group: Next-Generation Service Overlay Network (COM/SDB/1903_WG)
Contact Information for Working Group Chair
   Name: Mehmet Ulema
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Contact Information for Working Group Vice-Chair
None

3.2 Sponsoring Society and Committee: IEEE Communications Society/Standards Development Board (COM/SDB)
Contact Information for Sponsor Chair
   Name: Kevin Lu
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4.1 Type of Ballot: Individual
4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 04/2013
4.3 Projected Completion Date for Submittal to RevCom: 05/2014

5.1 Approximate number of people expected to be actively involved in the development of this project: 8
5.2 Scope: This standard specifies protocols between Overlay Management (OM) Functional Entity (FE) and all other NGSON FEs, and/or NGSON nodes to enable OM FE involved self-organizing management capability. This capability includes activation and deactivation of an NGSON node and addition, deletion, movement and copy of an NGSON function entity from or to an NGSON node.
This standard also specifies protocols among Service Routing (SR) FEs to enable OM FE non-involved self-organizing management capability such as re-organization of overlay structure among multiple SR FEs for recovery from a failed or overloaded SR FE or for performance improvement of service routing.

5.3 Is the completion of this standard dependent upon the completion of another standard: No
5.4 Purpose: This standard enables NGSON network operators to reduce OPEX of NGSON networks based on self-organizing management capabilities of NGSON including self-configuration, self-recovery, and self-optimization of NGSON nodes and functional entities.

5.5 Need for the Project: Operations and Management are an important property of NGSON. This project will address the self-organizing management support of NGSON.

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. Is the Sponsor aware of any copyright permissions needed for this project?: No
6.1.b. 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
7.2 Joint Development
   Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes (Item Number and Explanation): 4.1 The working group has been unable to maintain the required three advanced corporate members. The sponsor requests that the project be transferred from an entity project to an individual project so that more than eight contributing members can continue the project.