

P1903.2

Submitter Email: klu@ieee.org

Type of Project: Modify Existing Approved PAR

PAR Request Date: 12-Oct-2012

PAR Approval Date: 05-Dec-2012

PAR Expiration Date: 31-Dec-2015

Status: Modification to a Previously Approved PAR

Root PAR: P1903.2 **Approved on:** 07-Dec-2011

1.1 Project Number: P1903.2

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Service Composition 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

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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

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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 among Service Composition (SC) Functional Entity (FE), Service Discovery and Negotiation (SDN) FE, Context Information Management (CIM) FE, Service Routing (SR) FE and Service Policy Decision (SPD) FE to support service composition capabilities in next generation service overlay network. The capabilities of service composition aim to support service chaining and instantiation, specification interpretation, service brokering and execution, and context-aware and dynamically adaptive service composition.

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

5.4 Purpose: This standard enables network operators, service/content providers, and end users to provide and consume composite services based on advanced service composition capability of NGSON with context-aware and dynamically adaptive features. This standard also provides interoperability of composite services between network operators and service providers.

5.5 Need for the Project: Service composition is one of the most important features defined in NGSON to support composite services. This project will define a set of protocols to provide service composition capabilities 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.