

P1915.1

Submitter Email: m.ulema@ieee.org
Type of Project: New IEEE Standard
PAR Request Date: 14-Oct-2015
PAR Approval Date: 05-Dec-2015
PAR Expiration Date: 31-Dec-2019
Status: PAR for a New IEEE Standard

1.1 Project Number: P1915.1
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard for Software Defined Networking and Network Function Virtualization Security

3.1 Working Group: Security for Virtualized Environments (COM/SDB/SVE)

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)

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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: 12/2018

4.3 Projected Completion Date for Submittal to RevCom: 08/2019

5.1 Approximate number of people expected to be actively involved in the development of this project: 30

5.2 Scope: This standard specifies security framework, models, analytics, and requirements for Software Defined Networking and Network Function Virtualization (SDN/NFV).

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

5.4 Purpose: This standard provides a framework for network operators, service/content providers, and end users to build and operate secure SDN/NFV environments.

5.5 Need for the Project: This standard addresses security models, terminology, and analytics, essential components of SDN/NFV environments to ensure confidentiality, integrity and availability.

5.6 Stakeholders for the Standard: Wireline/wireless operators, SDN/NFV equipment manufacturers and suppliers, enterprise organizations, critical infrastructure providers and government entities.

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): Since SDN/NFV attracts a lot of attention, many Standards bodies and industry associations may undertake work in this area. Thus, a formal liaison with the ETSI NFV and others Standards Developing Organizations (SDOs) such as IETF, ITU-T, Open Network Forum (ONF) working on SDN/NFV this issue may be needed to avoid any overlap or collisions.