

P1935

Submitter Email: katalin.kb.walcott@intel.com

Type of Project: New IEEE Standard

PAR Request Date: 11-Oct-2017

PAR Approval Date: 06-Dec-2017

PAR Expiration Date: 31-Dec-2021

Status: PAR for a New IEEE Standard

1.1 Project Number: P1935

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Edge/Fog Manageability and Orchestration

3.1 Working Group: Standard for Edge/Fog Manageability and Orchestration (COM/EdgeCloud-SC/EDGEMGBT)

Contact Information for Working Group Chair

Name: Katalin Bartfai-Walcot

Email Address: katalin.kb.walcott@intel.com

Phone: 9166006458

Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Communications Society/Edge, Fog, Cloud Communications with IOT and Big Data Standards Committee (COM/EdgeCloud-SC)

Contact Information for Sponsor Chair

Name: Robert Fish

Email Address: rob.fish@ieee.org

Phone: 908 604 9565

Contact Information for Standards Representative

None

4.1 Type of Ballot: Entity

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 01/2019

4.3 Projected Completion Date for Submittal to RevCom

Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 10/2019

5.1 Approximate number of entities expected to be actively involved in the development of this project: 20

5.2 Scope: This standard defines and harmonizes the manageability, management and orchestration for Edge/Fog Computing. It describes the capability, manageability, management and orchestration functions and services of ambient, self-aware resources. It also defines the membership and behavior of an ambient resource within a Edge/Fog community or neighborhood, as well as the structure and function of the Edge/Fog community or neighborhood itself.

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

5.4 Purpose: This document will not include a purpose clause.

5.5 Need for the Project: This standard is needed to aid the understanding and define the common interoperability and data models for Edge/Fog computing

5.6 Stakeholders for the Standard: Smart Cities, Telecom, Consumer Electronics, Semiconductor, Automotive, Retail, Industrial Systems, Service Provider, Value Added Reseller

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: