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Authors: A. Keränen M. Mohajer
Ericsson

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FETCH and PATCH with Sensor Measurement Lists (SenML)

Abstract

The Sensor Measurement Lists (SenML) media type and data model can be used to send collections of resources, such as batches of sensor data or configuration parameters. The Constrained Application Protocol (CoAP) FETCH, PATCH, and iPATCH methods enable accessing and updating parts of a resource or multiple resources with one request. This document defines new media types for the CoAP FETCH, PATCH, and iPATCH methods for resources represented using the SenML data model.

Status of This Memo

This is an Internet Standards Track document.

This document is a product of the Internet Engineering Task Force (IETF). It represents the consensus of the IETF community. It has received public review and has been approved for publication by the Internet Engineering Steering Group (IESG). Further information on Internet Standards is available in Section 2 of RFC 7841.

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1. Introduction

The Sensor Measurement Lists (SenML) media type and data model can be used to transmit collections of resources, such as batches of sensor data or configuration parameters.

Authors' Addresses

Ari Keränen

Ericsson

FI- Jorvas

Finland

Email: ari.keranen@ericsson.com

Mojan Mohajer

Email: mojanm@hotmail.com