



A Deployment Model for IoT Devices Based on Fog Computing for Data Management and Analysis

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Abstract

Instead of using cloud computing technology directly, IoT and Fog computing has introduced new data management methods that seem promising. Applications for real-time analytics are enabled by Fog computing. After integrating Fog computing technology into Internet of Things (IoT) applications, the system can respond in milliseconds. This paper presents literature reviews on some key areas of this research, for example, Fog computing models and the Internet of Things. This study's general methodology is based on a qualitative approach, specifically, an in-depth interview and a systematic literature review. The outcome will be a model that can manage and analyze IoT data for different IoT applications by identifying success factors associated with the implementation of Fog computing and IoT.

Keywords Fog Computing · IoT · Big Data · Smart Cities

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