

## FUNCTIONAL ARCHITECTURES FOR THE INTERNET OF THINGS: FUNDAMENTAL MODELS

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### ABSTRACT

*Being the Internet of Things an interconnection of computer equipment integrated in everyday objects, which allows them to send and receive data through cyberspace, this article proposes an evaluation about the different fundamental architectures that exist to model said network IoT, facilitating the connectivity of devices with Machine-to-Machine M2M technology. The main models are analyzed and their relevant characteristics are identified in the light of the Quality of Service metric QoS, with the purpose of recognizing which have the potential for the syntactic and semantic interoperability of the mentioned machines, better known as “smart appliances”.*

**KEYWORDS:** *Internet of Things IoT, IoT architecture, functional architecture, Quality of Service QoS & M2M*

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