

Onem2m

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oneM2M is similar to a distributed Operating System for the [Internet of Things \(IOT\)](#) | Internet of Things]]. It takes the form of a [Middleware](#) service layer consisting of a suite of Common Service Functions (CSFs). The middleware service layer sits between applications and connectivity transport. oneM2M's Common Service Functions (CSFs) are exposed to applications and to IoT devices via [Representational State Transfer \(REST\)](#)ful [APIs](#).

A oneM2M service layer and/or applications can reside in field devices and sensors, on gateways and in back-end or cloud applications. This supports cooperative intelligence in distributed IoT systems.

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