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SmartM2M; Demonstration of Performance Evaluation and Analysis for oneM2M Planning and Deployment

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ETSI TC SmartM2M; SmartM2M; Demonstration of Performance Evaluation and Analysis for oneM2M Planning and Deployment

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Executive summary

The present document describes and present different demonstrators build on top of the simulation tool and the profiler tool developed in ETSI TR 103 841. More precisely, the simulation tool is a OMNeT++ library implementing either the deployment model and the case studies. The profiler is a standalone software to be run together with a real open source oneM2M implementation to measure and record the impact on computer resources like memory or processor. Those real measures are used as input for the simulator. The present document provides the configuration elements of three demonstrators, highlights classical behaviors in IoT system deployment and illustrates features of the simulation tools in terms of KPI analysis.

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