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SmartM2M; oneM2M Performances Evaluation Tool

Samir Medjiah, Thierry Monteil, Luigi Liquori, Marie-Agnès Peraldi-Frati,
Bob Flynn

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ETSI TC SmartM2M; SmartM2M; oneM2M Performances Evaluation Tool

Samir Medjiah (4, 5, 6), Thierry Monteil (7, 8), Luigi Liquori (1, 2, 3), Marie-Agnès Peraldi-Frati (3, 2), Bob Flynn

1 CRISAM - Inria Sophia Antipolis - Méditerranée

2 KAIROS - Logical Time for Formal Embedded System Design

3 UCA - Université Côte d'Azur

4 UT - Université de Toulouse

5 UT3 - Université Toulouse III - Paul Sabatier

6 LAAS-SARA - Équipe Services et Architectures pour Réseaux Avancés

7 IRIT-SEPIA - Système d'exploitation, systèmes répartis, de l'intergiciel à l'architecture

8 INSA Toulouse - Institut National des Sciences Appliquées – Toulouse

Executive summary

The present document present the simulation tool and the profiler tool developed to that aim. More precisely, the simulation tool is a OMNeT++ library implementing either the deployment model and the case studies as described in previous cited documents. The profiler is a standalone software to be run together with a real open-source oneM2M implementation dealing from scripts creating oneM2M "burst" till real case study. The profiler provides KPIs values concerning the oneM2M implementation efficiency and/or the case study: these values will be injected in the OMNeT++ simulator allowing a realistic large-scale simulation.

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