Accepted Manuscript

Cloud-based automatic test data generation framework

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PII: S0022-0000(16)00002-7
DOI: http://dx.doi.org/10.1016/j.jcss.2015.12.001
Reference: YJCSS 2945

To appear in: *Journal of Computer and System Sciences*

Received date: 9 March 2015
Revised date: 27 August 2015
Accepted date: 5 December 2015

Please cite this article in press as: Priyanka et al., Cloud-based automatic test data generation framework, *J. Comput. Syst. Sci.* (2016), http://dx.doi.org/10.1016/j.jcss.2015.12.001

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Highlights

- Proposed the framework for effective cloud-based testing.
- Designed and developed Hadoop MapReduce based automated test data generation strategy using GA and PSO.
- Devised and implemented the new approach for the gbest evaluation using pareto-optimality.
- Empirical evaluation of the proposed framework.
- Comparison with the other existing soft-computing based cloud testing models.

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