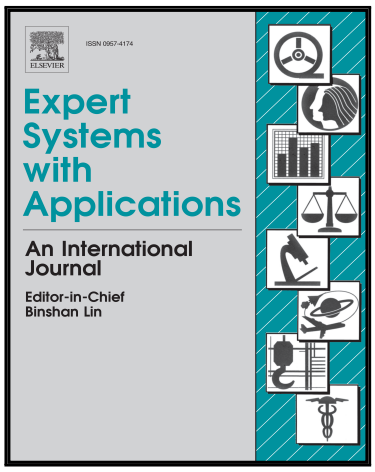
Accepted Manuscript



Energy Policies for Data-Center Monolithic Schedulers

Damián Fernández-Cerero, Alejandro Fernández-Montes, Juan A. Ortega

PII: S0957-4174(18)30353-1
DOI: 10.1016/j.eswa.2018.06.007
Reference: ESWA 12001

To appear in: *Expert Systems With Applications*

Received date: 5 December 2017
Revised date: 15 May 2018
Accepted date: 3 June 2018

Please cite this article as: Damián Fernández-Cerero, Alejandro Fernández-Montes, Juan A. Ortega, Energy Policies for Data-Center Monolithic Schedulers, *Expert Systems With Applications* (2018), doi: 10.1016/j.eswa.2018.06.007

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlights

- Cloud-computing data centers consume huge amounts of energy
- We model seven energy policies for Cloud Computing environments
- We perform tests to empirically show the benefits of applying these strategies
- We consider the impact on realistic scenarios with heterogeneous workloads
- Simulation tool is publicly available and results in real scenarios can be obtained

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/6854814

Download Persian Version:

https://daneshyari.com/article/6854814

Daneshyari.com