

## Accepted Manuscript

Energy-aware scheduling of virtual machines in heterogeneous cloud computing systems

Hancong Duan, Chao Chen, Geyong Min, Yu Wu

PII: S0167-739X(16)30029-2

DOI: <http://dx.doi.org/10.1016/j.future.2016.02.016>

Reference: FUTURE 2969

To appear in: *Future Generation Computer Systems*

Received date: 24 November 2015

Revised date: 25 January 2016

Accepted date: 20 February 2016

Please cite this article as: H. Duan, C. Chen, G. Min, Y. Wu, Energy-aware scheduling of virtual machines in heterogeneous cloud computing systems, *Future Generation Computer Systems* (2016), <http://dx.doi.org/10.1016/j.future.2016.02.016>

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.



- An efficient prediction model based on fractal mathematics is developed.
- An improved ant colony algorithm for optimizing energy consumption is proposed.
- The proposed approach shows excellent energy efficiency and resource utilization.

Download English Version:

<https://daneshyari.com/en/article/4950366>

Download Persian Version:

<https://daneshyari.com/article/4950366>

[Daneshyari.com](https://daneshyari.com)