Accepted Manuscript

Understanding the Impact of Cloud Patterns on Performance and Energy Consumption

Foutse Khomh, S. Amirhossein Abtahizadeh

PII: S0164-1212(18)30062-1 DOI: 10.1016/j.jss.2018.03.063

Reference: JSS 10135

To appear in: The Journal of Systems & Software

Received date: 12 August 2016
Revised date: 20 December 2017
Accepted date: 28 March 2018



Please cite this article as: Foutse Khomh, S. Amirhossein Abtahizadeh, Understanding the Impact of Cloud Patterns on Performance and Energy Consumption, *The Journal of Systems & Software* (2018), doi: 10.1016/j.jss.2018.03.063

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

- We assess the impact of six cloud patterns on energy consumption and performance.
- We show that a trade-off exists between performance and energy consumption.
- We show that migrating to microservices can improve energy efficiency.
- We provide guidelines for selecting cloud patterns.



دريافت فورى ب

ISIArticles مرجع مقالات تخصصی ایران

- ✔ امكان دانلود نسخه تمام متن مقالات انگليسي
 - ✓ امكان دانلود نسخه ترجمه شده مقالات
 - ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
 - ✓ امكان دانلود رايگان ۲ صفحه اول هر مقاله
 - ✔ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
 - ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات