

Home 2 More ▾



Article

Performance of Memory Virtualization Using Global Memory Resource Balancing

January 2018

DOI: 10.4018/IJCAC.2019010102

Pvss Gangadhar · Ashok Kumar Hota · Mandapati Venkateswara Rao · Vedula Venkateswara Rao

Citations

0 new 0

Recommendations

0 new 0

Reads ⓘ

2 new 6

[See details](#)

References to your research (1)



This publication is referenced:

Synchronization Methods in Parallel and Distributed Discrete-Event Simulation

Article [Private full-text](#)

Jan 2013 · Simulation Modelling Practice and Theory

231 Reads · 30 Citations

References (41)

RapidMRC: approximating L2 miss rate curves on commodity systems for online optimizations

Overview Stats Comments Citations References (41) Related resear > [Request PDF](#)



Miss rate curves (MRCs) are useful in a number of contexts. In our research, online L2 cache MRCs

enable us to dynamically identify optimal cache sizes when cache-partitioning a shared-cache multicore



4 Reads · 68 Citations

Recommend Follow Share

Request full-text

### Live migration of virtual machines

Article

Jan 2005

C. Clark · K. Fraser · S. Hand · [...] · A. Warfield

36 Reads · 1147 Citations

Recommend Follow Share

Request full-text

### Building the IBM Containers cloud service

Article

Mar 2016 · Ibm Journal of Research and Development

B. Arnold · Salman Baset · Paolo Dettori · [...] · A. S. Youssef

Linux (R) containers have been employed for operating system-level virtualization since around 2008, but only recently they have started to gain tremendous popularity, fueled by open source projects such as Warden and Docker. Initially, container technologies have been used mainly for stateless web...

63 Reads · 4 Citations

Recommend Follow Share

Request full-text

### Data centers roadmap for datacom cooling

Article

Dec 2005 · Ashrae Journal

CL Belady · D Beaty

The planning of new datacom rooms or even major upgrades has many unknowns and variables. In addition, the industry is becoming increasingly obsessed with performance metrics. A practical solution to these problems is a datacom cooling roadmap that returns to fundamental engineering and problem...

9 Reads · 7 Citations

Recommend Follow Share

Request full-text

### New Advances of the Research on Cloud Simulation

Chapter

Jan 2012

Bo Hu Li · Xudong Chai · Lin Zhang · [...] · Tan Li

Overview

Stats

Comments

Citations

References (41)

Related resear



Reque

16 Reads · 12 Citations

Recommend Follow Share



Article

Jan 2011 · Communications of the ACM

Peter Mell · Tim Grance

1,578 Reads · 5246 Citations

Recommend Follow Share

[Request full-text](#)

**Parallel and Distributed Simulation in the Cloud**

Article

Jan 2010

Richard M Fujimoto · Asad Malik · Alfred J Park

Cloud computing offers the ability to transparently provide computing services remotely to users through the Internet, freeing them of the burdens associated with managing computing resources and facilities. It offers the potential to make parallel and distributed simulation capabilities much more widely accessi...

80 Reads · 80 Citations

Recommend Follow Share

[Request full-text](#)

**An Optimistic Parallel Simulation Protocol for Cloud Computing Environments**

Article

Jan 2010

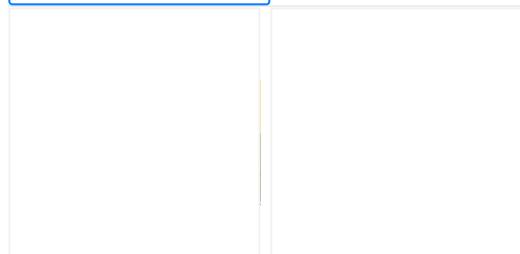
Asad Malik · Alfred J Park · Richard M Fujimoto

Cloud computing offers the ability to provide parallel and distributed simulation services remotely to users through the Internet. Services hosted within the "cloud" can potentially incur processing delays due to load sharing among other active services, and can cause optimistic simulation protocols to perform...

24 Reads · 24 Citations

Recommend Follow Share

[Request full-text](#)



**CloudAffinity: A framework for matching servers to cloudmates**

Conference Paper [Full-text available](#)

Overview Stats Comments Citations References (41) Related resear [Request](#)

increasingly organizations are considering moving their workloads to clouds to take advantage of the anticipated benefits of a more cost effective and agile IT infrastructure. A key component of a cloud



service, as it is exposed to the consumer, is the published selection of instance resource configuration...

[Download](#)

## Simulation on the Web with distributed models and intelligent agents

Article

Sep 2012 · SIMULATION: Transactions of The Society for Modeling and Simulation International

 András Jávor ·  Attila Fűr

Simulation is aimed very often to solve problems of great complexity requiring – beyond using the advanced simulation software tools – platforms that enable the implementation of such software systems. In recent years the concept of cloud computing has emerged and is being applied more and...

9 Reads · 6 Citations

[Recommend](#) [Follow](#) [Share](#)

[Request full-text](#)[Show more](#)