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A three-dimensional virtual resource scheduling method for energy saving in cloud computing

Wei Zhu, Yi Zhuang, Long Zhang

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## Highlights

### **A Three-dimensional Virtual Resource Scheduling Method**

#### **with Key Power-aware**

Wei Zhu, Yi Zhuang and Long Zhang

College of Computer Science and Technology

Nanjing University of Aeronautics and Astronautics, Nanjing 210016, China

zhuweipaper@126.com, zy16@nuaa.edu.cn and sqzl\_nuaa@126.com

- . We propose a three-dimensional virtual resource(VR) scheduling method.
- . We present a bin packing problem based heuristics VR allocation algorithm.
- . We demonstrate a multi-dimensional power-aware based VR scheduling algorithm.
- . We put forward a VR optimization algorithm to reduce energy consumption.
- . The simulation results demonstrate the effectiveness of the proposed method.

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