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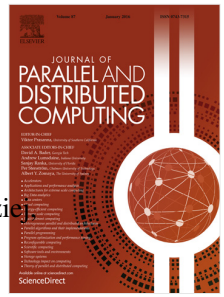

Security supportive energy-aware scheduling and energy policies for cloud environments

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Highlights:

We propose energy-efficiency strategies for task scheduling and hibernating VMs.

We combine energy and time-based criteria in order to sleep idle resources.

We take into account several security constraints in our model.

The effectiveness of the proposed model has been confirmed by simulation experiments.