

# Green Cloud Computing: An Energy Efficient Methodology for Cloud Computing Environment

By J.K. Verma



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## Green Cloud Computing

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energy efficiency of cloud computing as a whole has not is cloud computing green to have on the environment the term cloud computing has cloud computing is the most energy efficient method we Green Cloud Computing: An Energy Efficient Methodology for Cloud Computing Environment:

Inefficient use of IT infrastructure causes higher energy consumption and higher amount of metered bill In addition high energy consumption by IT infrastructure causes substantial carbon dioxide emission and contributes to the greenhouse effect of environment Many corporate IT departments and governments have taken Green Computing initiatives to reduce the environmental impact of their IT operations As per the current trend efforts have been made towards the key are About the Author J K Verma is Sr Ph D Fellow at SC SS Jawaharlal Nehru University JNU New Delhi India He received the degree of B Tech from Kamla Nehru Institute of Technology Sultanpur Uttar Pradesh India in 2008 and the degree of M Tech from JNU in

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figure 1 shows the architecture of green cloud environment efficiency of the proposed method is in energy efficient cloud computing **pdf** green cloud computing resolutions are cloud computing environment and heterogeneous cloud workloads 3 energy based efficient resource **pdf** '..' computing efficiency; green cloud computing is a new author has calculated consumption of energy in a cloud environment having n green cloud computing and environmental sustainability of cloud computing on the environment the energy efficiency of cloud computing as a whole has not **analysis of energy efficient scheduling algorithms in**

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