Preface: Advanced Challenges and Research Trends in Cloud and Grid Interoperability

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Abstract

Cloud computing is a concept of integration and virtualisation of heterogeneous IT resources such as personal computers. It is an implementation of distributed computing which comprises sharing and managing usage of resources. Cloud computing gives users access to massive computing and storage resources such as integration servers without their having to know where those resources are or how they're configured. However, due to easy access to the integration servers in the cloud computing environment, some problems such as unauthorised disclosure or modification of information stored in the integration servers, might be encountered.

Keyword：Cloud computing, grid computing