Abstract

Grid computing is distributed computing taken to the next evolutionary level. It facilitates the sharing of computer resources, allowing users to discover and use remote resources. The goal is to create the illusion of a simple yet large and powerful self-managing virtual computer out of a large collection of connected heterogeneous systems sharing various combinations of resources. Users who are going to utilize the resources are not having any explicit control over the resources. A central problem for grid services is how to gain confidence that a remote system is performing in accordance with their norms. The effective and competent exploitation of grid computing services needs sophisticated and secured resource management systems. The wide range of selection and the high degree of strangeness leads to the problem in secured selection of resources grid. Without the assurance of a higher degree of confidence relationship, efficient resource allocation and utilization cannot be attained. In recent times, with larger applications in ecommerce and on-line communities, reputation mechanisms have become one of the most important techniques underpinning the distributed application and system safety. We have proposed a new approach in this paper, which intends to offer trust and reputation provide a measure for resource selection in grid
computing.

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Index Terms

Computer Science Grid Computing

Key words

Grid Computing remote resources