Abstract

Grid resources and security issues go hand in hand in the success of any Grid application. The present research is moving towards achieving a secured architecture for resource management in Grid System, thereby allowing grid resource to enter the commercial area, where the grid resource cannot be accessed through grid service without the assurance of a higher degree of trust relationship of resource provider. In this paper, we present architecture for Resource Management in Global Grids to Handle Distributed Heterogeneous Resources along with an algorithm, which can be used in Trust Evaluation System, based on PeerTrust Model to compute dynamic trust values which can be used to find degree of trust of grid resource providers.

References
Proposed P2P Trust and Reputation based Model to Secure Grid


- Baolin Ma, Jizhou Sun, Ce Yu, Reputation-based Trust Model in Grid Security System, Journal of Communication and Computer, Volume 3, No.8 (Serial No.21), 2006.
Proposed P2P Trust and Reputation based Model to Secure Grid


Index Terms

Computer Science
Emerging Trends in Technology

Keywords

P2p Trust Reputation Grid Resource Management Grid Services Virtual Organization