

ABSTRACT

Nowadays, Grid Computing has been accepted as an infrastructure to perform parallel computing in distributed computational resources (Karl et al., 2001). Grid has users, resources, and an information service (IS). Grid computing is new technology for creating distributed infrastructures and virtual organizations (VOs) for applying a very largescale computing or enterprise applications. In a grid environment, the computational resource is main part of system that can be a Desktop PC, Cluster machine or supercomputer. A main goal of grid computing is enabling applications to identify resources dynamically to create distributed computing environments that can utilize computing resources on demand (Karl et al., 2001).