Abstract

In the dawn of modern internet technology, Grid computing plays a vital role in efficient way of resources allocation merely focusing in self organization of resources. These ways of organizing Grid lets helps to increase the efficiency of Grid mechanism and further to incorporate a standalone architecture which works efficient in it terms. The working mechanism of Grids targets on parallel transaction ensures Multi transactions. In this paper we have proposed a new strategy called cluster mechanism which works efficient on multicasting. The Purpose of focusing multicasting is to implement self organization of resources and to implement efficient mechanism of resource allocation. In an extent, this paper addresses the need of utility computing since we have targeted on resource utility. This proposed method is well adapted on heterogeneous clusters which surpass multicasting. To add up with we are proposing a new model named as Cohesive Model (Grid Cohesive Model) which does multicasting based on sender and receiver initiative for cluster mechanism.

References

- Hong-qing Gao, Ying Xing, An Economic Model for Multi-Resource Transaction in Grid
Efficient Data Transformation in Multicasting Cluster Network in Grid Environment


Index Terms
- Computer Science
- Distributed Computing

Keywords
- Cohesive Grid
- Dynamic Gridlet
- Grid Resource Management
- Cluster Organization