Abstract

Grid is an advanced wide area parallel distributed computing environment where unused processor cycles and underutilized storage of numerous computers are utilized efficiently which act as a supercomputer. Security is the most important concern in Grid computing environment. Among all other security issues authentication is the first step of security requirement for any Grid environment to validate the user. This paper proposes an authentication scheme for Grid environment. The proposed authentication scheme optimizes the security required for the entry level user and prevents malicious user from entering into the Grid environment.

References

A Proposed Robust Authentication Approach for Secure Data Transmission in Grid Computing Environment


Index Terms

Computer Science Distributed Systems

Keywords

Grid authenticator virtual organization security