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 optimises the security required for the entry level user and prevents malicious user from entering into the Grid environment.

References

- H. M. Lee, C. C. Hsu, M. H. Hsu, "A Dynamic Supervising Model Based on Grid Environment&qu... 1264.

Index Terms

Computer Science Distributed Systems

Keywords

Grid authenticator virtual organization security