Examining the Importance of the Structure Based on Grid Computing Service and Virtual Organizations

Authors : Sajjad Baghernezhad, Saeideh Baghernezhad

Abstract : Vast changes and developments achieved in information technology field in recent decades have made the review of different issues such as organizational structures unavoidable. Applying informative technologies such as internet and also vast use of computer and related networks have led to new organizational formations with a nature completely different from the traditional, great and bureaucratic ones; some common specifications of such organizations are transfer of the affairs out of the organization, benefiting from informative and communicative networks and centered-science workers. Such communicative necessities have led to network sciences development including grid computing. First, the grid computing was only to relate some sites for short – time and use their sources simultaneously, but now it has gone beyond such idea. In this article, the grid computing technology was examined, and at the same time, virtual organization concept was discussed.
Keywords : grid computing, virtual organizations, software engineering, organization
Conference Title : ICCIE 2018 : International Conference on Computer and Information Engineering
Conference Location : Rome, Italy
Conference Dates : September 17-18, 2018