Abstract

In recent years, we have seen unprecedented growth in the area of Online Social Networking (OSN) that is still keeping on day by day. Social networking websites such as Facebook, Google+, and Twitter are using widely by people to share personal and public information with friends, coworkers, colleagues, family and even with strangers. Facebook, one of the most popular social network sites, has million of active users and billions of pieces of content or data that use daily like web links, news stories, blog posts, notes, photo albums, etc. shared each month. To protect such kind of huge or big data or information need more secured and flexible access control model. There are so many access control policies are available for controlling online social network, but all social networking sites like Facebook or Twitter has their own access control mechanism that is not standard and still not more secured or flexible. To protect such kind of publically oriented user data need more dynamic access control model. In order to protect OSN, in this paper an innovative or dynamic access control framework for social networking systems using semantic web ontology has been proposed which addresses the protection of semantic-rich information in a knowledge base ontology.
Access Control Framework for Social Network System using Ontology

- http://wikipedia.org
- Bertino, E., Bonatti, P. and Ferrari, E., TRBAC: a temporal role-based access control

Index Terms

Computer Science

Networks

Keywords

SNS MABOM TBAC ABAC RBAC