

## MULTIPARTY ACCESS CONTROL MECHANISM FOR ONLINE SOCIAL NETWORKS

AVINASH V NAIR<sup>1</sup> & SWAPNA HARI<sup>2</sup>

<sup>1</sup>Research Scholar, Department of Computer Science & Engineering, Marian Engineering College,  
Trivandrum, Kerala, India

<sup>2</sup>Associate Professor, Department of Computer Science & Engineering, Marian Engineering College,  
Trivandrum, Kerala, India

### ABSTRACT

In recent years we have been watching a tremendous increase in the growth of online social networks(OSNs). OSNs enable people to share personal and public information and make social connections with friends, family members and other peoples. In addition to the rapid increase in the use of social network, it raises a number of security and privacy issues. While OSNs allow users to restrict access to shared data, they currently do not provide any mechanism to totally enforce privacy issue solver associated with multiple users. The proposed method implements a solution yo facilitate collaborative management of common data item in OSNs. Each controller of the data item can set his privacy settings to the shared data item. The proposed method also identifies privacy conflicting segments and helps in resolving the privacy conflicts and a final decision is made whether or not to provide access to the shared data item.

**KEYWORDS:** Online Social Networks, Multiparty Access control, Policy Specification, Privacy Conflicts