Data Source Integration System With User technology

Dr. V.S.K Nirmal

Abstract - It has been observed from literature that with the increasing demand for data sharing and integration, many application require a secure and manageable access control mechanism on the data integrated from various data sources. Traditional access control mechanisms provide secured access to data by defining the access control policy based on the identity of the user. Role based access control mechanism has become the predominant model for advanced access control because it reduces the complexity and cost of administration. But all the traditional approaches are inadequate when the access control is required on the data integrated from various distributed data sources as different access control policy is required at the global level as well as at the local data source level. The proposed hierarchical approach would enable to have systems with fine grained access control. Integration of multiple sources data sources into one gives a single data source view. The system is made user transparent by implementing it as a standard data source provider which gives a standardized interface to the user.