Abstract

The advances in the digital world has rendered the collection of colossal amounts of data called Big Data. This voluminous data if analyzed in an expedient way can help us gain valuable insights. On the other hand, securing Big Data has become an important aspect as it can lead to disastrous results if intercepted by intruders. Through this paper, we describe the management of authentication and access control by providing an overview of the existing protocols. Further, we propose a modified protocol which amalgamates the authentication and authorization processes there by speeding up the entire procedure.

References

3. Kevin Normandeu “Beyond Volume, Variety and Velocity is the Issue of Big Data
13. Dr. Fred Cohen, http://www.all.net/CID/Attack/Attack76.html

**Index Terms**

Computer Science  
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**Keywords**

Secure Remote Password Protocol, Access Control, Authentication