IMPLEMENTATION OF HASH ALGORITHMS FOR DATA SECURITY

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Abstract

Today, security is imperative in many network- based applications. When dealing with data transfer, it is crucial to determine whether the data being received has been corrupted or not. Cryptographic hash functions are very important for cryptographic protocols, used to secure information against unspecified attacks. SHA-1 (Secure Hash Algorithm-1) is one implementation of such hash functions, which is to be used with Digital Signature Algorithm (DSA) for most commercial applications, can be implemented on common software and hardware platforms. In this paper it is presented about the implementation of Secure Hash Algorithm (SHA-1) for Data security.

Keywords: Security, Cryptographic has functions, SHA, DSA