Full Disk Encryption (FDE) for Analyzing the Security System

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Abstract: *Full Disk Encryption (FDE) system for analyzing the Security of the system is presented in this paper. Recent advances in FDE have enabled the use of hardware-based encryption, eliminating the need to use valuable CPU time for encryption, increasing performance, and maximizing security. This paper also comprises the implementation of the FDE, comparison of Full disk encryption vs. file system-level encryption and Boot key problem.*