

Abstract:

The main focus of this bachelor thesis is to compare open source and proprietary software security and to ascertain which software provides the best possible protection for information. The thesis commences with a definition of the frequently used terms in the thesis and is followed by an outline of how software evolved and the history of computer security. The main focus of this work study examines in detail which software type provides better security for end users, government agencies and commercial companies. The theoretical arguments presented are supported by relevant statistics and examples. This thesis also describes the algorithms used to measure and compare the different software security and databases that are used to store information security related data.