

Corporate Computer Security 3rd Edition

Security hacker

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A security hacker or security researcher is someone who explores methods for breaching or bypassing defenses and exploiting weaknesses in a computer system or network. Hackers may be motivated by a multitude of reasons, such as profit, protest, sabotage, information gathering, challenge, recreation, or evaluation of a system weaknesses to assist in formulating defenses against potential hackers.

Longstanding controversy surrounds the meaning of the term "hacker". In this controversy, computer programmers reclaim the term hacker, arguing that it refers simply to someone with an advanced understanding of computers and computer networks, and that cracker is the more appropriate term for those who break into computers, whether computer criminals (black hats) or computer security experts (white...

System administrator

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An IT administrator, system administrator, sysadmin, or admin is a person who is responsible for the upkeep,

configuration, and reliable operation of computer systems, especially multi-user computers, such as servers. The system administrator seeks to ensure that the uptime, performance, resources, and security of the computers they manage meet the needs of the users, without exceeding a set budget when doing so.

To meet these needs, a system administrator may acquire, install, or upgrade computer components and software; provide routine automation; maintain security policies; troubleshoot; train or supervise staff; or offer technical support for projects.

National Security Agency

DoD Computer Security Center was founded in 1981 and renamed the National Computer Security Center (NCSC) in 1985. NCSC was responsible for computer security

The National Security Agency (NSA) is an intelligence agency of the United States Department of Defense, under the authority of the director of national intelligence (DNI). The NSA is responsible for global monitoring, collection, and processing of information and data for global intelligence and counterintelligence purposes, specializing in a discipline known as signals intelligence (SIGINT). The NSA is also tasked with the protection of U.S. communications networks and information systems. The NSA relies on a variety of measures to accomplish its mission, the majority of which are clandestine. The NSA has roughly 32,000 employees.

Originating as a unit to decipher coded communications in World War II, it was officially formed as the NSA by President Harry S. Truman in 1952. Between then and...

OK Computer

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OK Computer is the third studio album by the English rock band Radiohead, released on 21 May 1997. With their producer, Nigel Godrich, Radiohead recorded most of OK Computer in their rehearsal space in Oxfordshire and the historic mansion of St Catherine's Court in Bath in 1996 and early 1997. They distanced themselves from the guitar-centred, lyrically introspective style of their previous album, *The Bends*. OK Computer's abstract lyrics, densely layered sound and eclectic influences laid the groundwork for Radiohead's later, more experimental work.

The lyrics depict a dystopian world fraught with rampant consumerism, capitalism, social alienation, and political malaise, with themes such as transport, technology, insanity, death, modern British life, globalisation and anti-capitalism. In this...

Distributed database

organised network servers or decentralised independent computers on the Internet, on corporate intranets or extranets, or on other organisation networks

A distributed database is a database in which data is stored across different physical locations. It may be stored in multiple computers located in the same physical location (e.g. a data centre); or maybe dispersed over a network of interconnected computers. Unlike parallel systems, in which the processors are tightly coupled and constitute a single database system, a distributed database system consists of loosely coupled sites that share no physical components.

System administrators can distribute collections of data (e.g. in a database) across multiple physical locations. A distributed database can reside on organised network servers or decentralised independent computers on the Internet, on corporate intranets or extranets, or on other organisation networks. Because distributed databases...

Free software

donations, crowdfunding, corporate contributions, and tax money. The SELinux project at the United States National Security Agency is an example of a

Free software, libre software, libreware sometimes known as freedom-respecting software is computer software distributed under terms that allow users to run the software for any purpose as well as to study, change, and distribute it and any adapted versions. Free software is a matter of liberty, not price; all users are legally free to do what they want with their copies of free software (including profiting from them) regardless of how much is paid to obtain the program. Computer programs are deemed "free" if they give end-users (not just the developer) ultimate control over the software and, subsequently, over their devices.

The right to study and modify a computer program entails that the source code—the preferred format for making changes—be made available to users of that program. While...

List of computing and IT abbreviations

Turing test to tell computers and humans apart CAQ—Computer-aided quality assurance CASB—Cloud access security broker CASE—Computer-aided software engineering

This is a list of computing and IT acronyms, initialisms and abbreviations.

Secure communication

present development that achieves security in general at the potential cost of compelling obligatory trust in corporate and government bodies. In 1898,

Secure communication is when two entities are communicating and do not want a third party to listen in. For this to be the case, the entities need to communicate in a way that is unsusceptible to eavesdropping or interception. Secure communication includes means by which people can share information with varying degrees of certainty that third parties cannot intercept what is said. Other than spoken face-to-face communication with no possible eavesdropper, it is probable that no communication is guaranteed to be secure in this sense, although practical obstacles such as legislation, resources, technical issues (interception and encryption), and the sheer volume of communication serve to limit surveillance.

With many communications taking place over long distance and mediated by technology,...

NeXT

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NeXT, Inc. (later NeXT Computer, Inc. and NeXT Software, Inc.) was an American technology company headquartered in Redwood City, California, which specialized in computer workstations for higher education and business markets, and later developed the first dynamic web page software. It was founded in 1985 by Steve Jobs, the Apple Computer co-founder who had been removed from Apple that year. NeXT debuted with the NeXT Computer in 1988, and released the NeXTcube and smaller NeXTstation in 1990. The series had relatively limited sales, with only about 50,000 total units shipped. Nevertheless, the object-oriented programming and graphical user interface were highly influential trendsetters of computer innovation.

NeXT partnered with Sun Microsystems to create a programming environment called OpenStep...

List of Ecma standards

formerly the European Computer Manufacturers Association. ECMA-205 - Commercially Oriented Functionality Class for Security Evaluation (COFC) ECMA-206

This is a list of standards published by Ecma International, formerly the European Computer Manufacturers Association.

http://development.digicelgroup.com/RTF/cj/6869C7601J260929/2007_sprinter_cd_service_manual.pdf
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