

Internet Security, which can also be called, as Computer security is an applied technology in safeguarding confidential information in-stored in our personal computers. Unauthorized access, disclosure and even destruction of essential data including data systems are some of the measures Internet Security is trying to avoid. Also, it prohibits illicit transfer or corruption of information, or any other illegitimate acts. The ultimate goal of Internet security is to ensure availability, integrity and confidentiality of information by the computer system.

As compared to other programs, computer security demands a few requirements from computer systems. Internet Security acts more as an inhibitor as it stops the system from performing certain tasks. Essential safety measures are utilized to meet the optimum safety of the system. Such measures include limiting physical access to the system to only those who are authorized, filtering software and computer programs through a hardware system through guideline imposition, an Operating system that sorts out programs from cross-utilizing with other programs, and making use of Programming Strategies to upgrade the system and avoid subversions.

Now, we consider the elements that Internet Security trying to block out from the system. There are mainly two elements, Computer Hacking and Cracking.

Hacking, by definition, is the unauthorized attempt to avoid or outwit the security measures of an information system or network. The most common approach of hackers is to apply multiple efforts in guessing the password or code to log into certain accounts. Passwords and codes are highly confidential and personal thus hacking involves a breach in the privacy of others. But this is just a minor concern as to this intentional effort to avoid security may lead to a more grave purpose such as destruction of computer files and properties. At a minor scenario, the resolution could just be a simple invasion of privacy but on a grander scale, hacking could be illegal.

On the other hand, Cracking takes on a different approach. It evades security by modifying the security system itself. It modifies the software by disbanding the protection method of the system by mimicking the preventive measures, provision of a serial number or hardware key and many more.

How does Internet Security protect our systems? We have to keep in mind that there is no

single security behavior. The ideology of security is that it is based per case encountered. Security does not adapt to particular programs but functions more on to impose restrictions to the system. Everything is based on logical principles or principle groups which are considered as valid approaches. For example, If a software does not abide by the rules and restrictions of the security system, it is to be considered as insecure and vice versa. Also, security policies are enforced on every software may it be a secure one or not.

When a good security system is established, the next steps would be to ensure that your system is at its optimal functionality. You must keep the system updated and that you configure its setting according to your security needs. Of course, the system does not work by default and is highly flexible to your demands. In terms of using passwords, encode passwords, which are not easily traced which may include both letters and numbers. Also invest in a good antivirus program or make use of a firewall. In this manner, you'll be able to monitor what comes in and comes out of your computer. With these measures, you are safekeeping important private information from being exploited which could as well your computer life.

Internet Security - The Need of the Hour

Internet is one of the most powerful tools that have been created by mankind today. It has brought a significant change in our life. Internet has given us endless amounts of information and opportunities. It has given us few important communication tools such as email, chat etc. that helps in connecting people faster than ever before. Social networking sites such as Friendster, Facebook, orkut etc. allows people to easily share their thoughts, ideas, emotions and feelings with their loved ones. Through Internet, you can also easily acquire items from all over the world with just one click. It has also introduced a concept of online banking where you can easily do banking transactions send & receive cash, pay bills, etc. from your home. These days' people usually do all their work shopping, paying bills, business deals etc. by just entering their personal information from home through Internet. Internet has made our lives simpler and convenient than ever before.

There are certain drawbacks of the Internet as well and hacking is one of them. Internet security has become one of the main concerns for the people these days as they usually share their all personal information such as banking information, address etc, over the internet. Internet security basically means the protection of your computer's Internet account and files from an unknown user. There are a lot of intelligent hackers these days, which can easily hack anyone's important information through Internet within a few seconds. Apart from these computer hackers, there are also few other threats such as viruses, spywares and malwares etc. that can easily collect your personal information and can even destroy your computer

within a few seconds. In order to protect your important information and fight against these cyber criminals, certain good internet security programs are available in the market which not only save your personal information when you are online but also prevents them from stolen by the hackers.

These Internet security programs are also known as Anti-virus software, which protects and fights your computer from viruses, spywares and malwares. The antivirus software's such as MacAfee, trend micro, Norton etc. creates a protective shield, which protects the user's data from certain bugs, viruses, spywares etc. Once install in the system, they immediately tries to locate the viruses, spywares etc, kill them and notifies the user about the same. The antivirus software's keep on updating them through the Internet. These protection software's can be easily purchased from online or a local computer store. There are also certain cyber protection cells that have been established to control cyber crime and protect the normal users, companies and firms' etc. from professional hackers. They keep on maintaining a record of all the transactions that are going on daily basis over the Internet. Big companies, firms etc. also take the help of these cells for the protection of their important data on the Internet. Apart from all these, it is also a responsibility of a user to not to visit any unprotected site, should download the latest security updates, run scans and never share their online banking, email passwords etc. with anyone.

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