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English about Antivirus Software

Hisyam Syarif [a]

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Abstract

Antivirus is a type of software used to detect existing viruses on the computer system. Antivirus software is also known as virus protection software. With this software, we can find out whether a computer system is exposed to a virus or not. In general, this software runs in the background or the background, and also perform a scan of all files that are accessed. In today's antivirus Progress has been transformed and has many uses associated with the virus. But also the computer's performance. The virus code also usually always updated by the antivirus developer. So the computer is ensured its empowering. Even by new viruses though.

Author correspondence:
Hisyam Syarif,
(STIMIK) Stikom Bali-Indonesia,
Email address: hisyamsyarif@gmail.com

1. Introduction

Antivirus is one of the many software (software) that is used to make it easier for computer users. In detail antiviral used to protect the computer from various types of malware, such as worms, viruses, and Trojans. In addition, the antivirus is also usually made to quarantine and remove all malware it (English, E. D., & Grindrod, G. B., 2012).

Objectives and benefits

a) Objective
The aim of this paper in order to understand the software (software) on the computer, especially in discussing the antivirus is very important to protect the computer.

b) Benefit
The benefits of this paper are:
Knowing the antivirus software on the computer can get to know more about the science of computer science.

[a] (STIMIK) Stikom Bali-Indonesia

2. Research Methods

The present study applied qualitative methods. All data is analyzed descriptively. It is used a paraphrase to explain, elaborate, and explore regarding the phenomenon belonging. The conclusion is the last remarked based on the previous description (Hou, C., & Wonglorsaichon, 2014).

3. Results and Analysis

3.1 Discussion

a) Antivirus Definition

Lesk, M. (2007), antivirus is a type of software used to detect existing viruses on the computer system. Antivirus software is also known as virus protection software. With this software, we can find out whether a computer system is exposed to a virus or not. In general, this software runs in the background or the background, and also perform a scan of all files that are accessed. In today's antivirus Progress has been transformed and has many uses associated with the virus. But also the computer's performance. The virus code also usually always updated by the antivirus developer. So the computer is ensured its empowering. Even by new viruses though.

Other uses of the antivirus are detecting or scanning the data on a computer as a whole. Furthermore, the data is processed and sorted when there is a virus or a file in which if harmful, then the antivirus will give a signal to the user.

Worm (computer worm) computer worm in computer security, is a computer program that can reproduce itself on its own in a computer system. A worm can reproduce itself by utilizing a network (LAN / WAN / Internet) without the intervention of the user itself. Worm unlike regular computer virus, which multiplies by inserting the program itself on the program in the computer, but the worms take advantage of security loopholes that are open, or better known as the vulnerability. Some worms are also the available bandwidth. The worm is an evolution of computer viruses. There is only one way to overcome the worm is by closing the security gap that opens, by updating the patch or service pack of the operating system used by the patch or service pack of the most recent. Computer viruses can indeed infect files in a computer system, but the worm can do better. Besides being able to spread in a system, the worm can also spread to multiple systems through the network connected to the infected system. Some worms may also include codes viruses that can damage files, steal documents, e-mail, or do other things that damage, or simply make the infected system useless.

Stone-Gross, B., Abman, R., Kemmerer, R. A., Kruegel, C., Steigerwald, D. G., & Vigna, G. (2013), Trojan is a form of software malicious software (malware) such as the case of its computer viruses and worms, which can damage a system or network, which is usually Trojan aims to "smuggle" codes that are destructive to a program of good/useful, Although Trojan malware forget also, but the properties of this Trojan is different from other types of malware (computer viruses and worms).

Adware is advertising that included hidden by the program makers. Generally, the program is given for free, but to compensate the user must accept advertising on the program. Adware is actually functioning as a promotion or in the form of banner ads. Sometimes users want to use a shareware program but inside there are programs that functioned as Adware. For example, program is provided free of charge, it has a small window on the program and continues to change the dressing image ads.

Spyware generally is a kind of program that collects and transferring information about a person and habits browsing for purposes of advertising/promotion. But lately spyware interchangeable use for another purpose, namely to steal data2-critical data that is in a person's computer, such as passwords, no PIN, address, etc. Spyware is not a virus but suspicious software (malicious software/malware) that can install itself into your computer, with the aim of stealing computer data such as email addresses and Internet statistics.

Töyssy, S., & Helenius, M. (2006), Gray ware operates in a way to spread to harm the users directly. This does not affect the functionality of such a system. Mostly, information on patterns of use is collected for selling the data or to place advertisements systematically.

b) Issues

1) Antivirus is the best on the computer?
2) What if the user or users do not use antivirus on the computer?

3) What are the benefits of antivirus on the computer?
4) Why antivirus important on the computer?

c) Completion

1. Best antivirus is:
   (a) Bit defender Antivirus plus Anti-Virus is an antivirus that is number 1 in the world. Excellent prowess in dealing with viruses that are very difficult to destroy. Anti-Virus that leads to a user who has a problem on the PC in case of a virus.
   (b) Anti-virus Kaspersky internet security Antivirus is one of the greatest copes with a virus that is very difficult to turn off. Anti-Virus test proved it did a good performance.
   (c) AVIRA Protection Suite Ultimate Protection Suite Avira product is the best of all the products, as it includes all the features of Avira makes us feel safe going viral.
2. If users do not use antivirus on your computer:
   Will be susceptible to computer viruses and problems, and damage to the existing software on the computer application, therefore, is an antivirus application that must exist on each computer and use as well as garbage cleaning application CCleaner to clean junk files and registry useless.
3. Benefits antivirus on your computer:
   (a) Prevent viruses and spyware attacks, both attacks through the internet or through removable media such as flash or memory card.
   (b) Monitor the activity of internet usage and some quality antivirus will give a warning if you enter a site that has a virus, or a phishing site.
   (c) Protection / protect the destruction of files caused by virus attack
   (d) Prevent crashes or hangs common term on the computer. Because some viruses will overload computer resources.
4. Antivirus is very important: As one of the antivirus software as a protector to keep the computer for durability, and less susceptible to virus attacks.

3.2 Covering

a) Resume
   Based on the results of the issue of antivirus discussed, the writer can take some conclusions that:
   1) We as user/users to be more aware of the software, and the problems on the computer, especially the antivirus software because it is an important role to protect.
   2) Adding insight into computer sciences.
b) Idea
   As for advice for writers is:
   1) We as users in order to further improve the quality of knowledge in the sciences of computer software.
   2) When using a computer to keep control / check the state of the computer.
   3) Use a good antivirus and easy to cope with the virus.
   4) When using a computer in order to always scans the computer at the time of virus
   5) Always be aware of virus attacks

4. Conclusion

Antivirus is a type of software used to detect existing viruses on the computer system. Antivirus software is also known as virus protection software. With this software, we can find out whether a computer system is exposed to a virus or not. In general, this software runs in the background or the background, and also perform a scan of all files that are accessed. In today's antivirus Progress has been transformed and has many uses associated with the virus. But also the computer's performance. The virus code also usually always updated by the antivirus developer. So the computer is ensured its empowering. Even by new viruses though.

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The author(s) have a responsibility for the conception and design of the study. The author(s) have approved the final article.

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References

English, E. D., & Grindrod, G. B. (2012). *U.S. Patent No. 8,321,910*. Washington, DC: U.S. Patent and Trademark Office.

Hou, C., & Wonglorsaichon, P. (2014). The relationship among brand awareness, brand image, perceived quality, brand trust, brand loyalty, and brand equity of customer in China's antivirus software industry. *School of Business, University of the Thai Chamber of Commerce, Thailand*.

Lesk, M. (2007). The new front line: Estonia under cyberassault. *IEEE Security & Privacy*, *5*(4).

Stone-Gross, B., Abman, R., Kemmerer, R. A., Kruegel, C., Steigerwald, D. G., & Vigna, G. (2013). The underground economy of fake antivirus software. In *Economics of information security and privacy III* (pp. 55-78). Springer, New York, NY.

Töyssy, S., & Helenius, M. (2006). About malicious software in smartphones. *Journal in Computer Virology*, *2*(2), 109-119.