A Survey Student Behaviors Computer Security: Evidence from University

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ABSTRACT

In lectures, of course, students definitely need a computer, whether it's to make assignments or to play games. Therefore, in using computers, students must maintain computer security from threats that can damage a system on a computer. The purpose of the study was to determine student behavior in maintaining computer security from existing threats. The results of the study were taken from a sample of students in the PTIK Department at UNIMA. The results of this study indicate that 91.3% of respondents stated that their computer system had an error and 8.7% of respondents stated that their computer system had never had an error.

Keywords : threats, computer security, PTIK Unima, behavior, survey

INTRODUCTION

The field of Computer Security is constantly experiencing extraordinary developments as information technology has an ever increasing influence on how we work, communicate, shop and enjoy entertainment. Along with this development, the threats to the security of our computers are

also getting bigger, both physical and non-physical threats such as security holes in the operating system, attacks on the network, viruses, and others. We are not aware that small vulnerabilities like these are used by irresponsible people to carry out their crimes.

According to Howard (1997) in his book "An Analysis of security incidents on the internet" states that: "Computer security is a preventive measure from attacks by computer users or irresponsible network accessors. The threats that often occur in our computers are Virus, Trojan, Spam, Human Error. The solutions to overcome these threats: Using Anti Virus including backing up existing data, Do not open suspicious files from the internet, Use a firewall when accessing the Internet.

The purpose of this study was to determine and examine the behavior of PTIK Unima students in maintaining computer security from existing threats so that computers were free from these threats. Then provide solutions to prevent threats that will attack computer security.

METHOD

Collecting data to find out computer users in the PTIK Department at UNIMA. This research was conducted online. The method used in data collection is Questionnaire, Questionnaire is an information gathering technique that allows analysts to study the attitudes, beliefs, behaviors, and characteristics of several key people in the organization who may be affected by the proposed system or by the existing system. By using a questionnaire, the analyst seeks to measure what is found in the interview, as well as to determine how broad or limited the sentiments expressed in an interview are. The questionnaire was made in the form of a Google form and distributed among students by calculating the percentage using a Likert scale.

RESULTS AND DISCUSSION

In this study, researchers distributed questionnaires to students containing 5 questions with 23 respondents who were given using google forms media. Users fill out questionnaires that have been distributed based on their experiences (what they see and feel) when using computers. Each question from the questionnaire has the aim of knowing user behavior and knowing the level of awareness of students.

Table of Research Analysis of Student Behavior in Computer Security

1. Do you use a computer?

Yes	No
100%	0%

Based on the data above, it can be seen that all respondents use computers

2.   Do you use Antivirus?

Yes	No
100%	0%

Based on the data above, it can be seen that all respondents use anti virus.

3.   Has Your Computer Been Affected by Viruses?

Yes	No
82,6%	17,4%

Based on the data above, it shows that 82.6% of their computers have been exposed to a virus and 17.4% of their computers have never been exposed to a virus

4.   Do You Frequently Maintain Your Computer?

Yes	No
60,9%	39,1%

Based on the data above, it can be seen that 60.9% of respondents often take care of their computers while 39.1% of respondents rarely take care of their computers

5.   Has Your Computer System Ever Error?

Yes	No
91,3%	8,7%

Based on the data above, it can be seen that 91.3% of respondents stated that their computer system had an error and 8.7% of respondents stated that their computer system had never had an error.

CONCLUSION

Through this journal we can find out the threats that attack computer security and their solutions. It was found that many respondents have computer equipment but are not aware that they are getting the threat of a computer virus attack. Many respondents did not take good care of their computers and even the majority of respondents experienced errors. This study concludes that it is necessary to increase awareness and ability to anticipate computer threats.

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