

SPYCER (to spy)

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ABSTRACT

Now a days it is very common for children to use smart phones and computers. They do not know about the scam and frauds which are to them on the smart phones by using various technologies and we as adults are also not aware about these frauds and security threats which are in the network. The children are not aware about these threats. This is why we must ensure the security of the children. So we have to keep the track of what they are doing in the system. For this the spyware is very useful for the parents to keep the track. spyware is malware which is used to install in others devices easily without their knowledge. These can be installed to locate the users through this software. There are may uses to the spyware like it can be used to check their personal files like images, videos etc. by using this spyware we can also browse their contacts and record their conversations and we can also steal their password with out their knowledge. There are many spyware applications are available in now a days which we can install in the systems.

Keywords: -control of parents over children, information security, online safety, frauds, mobiles and computers.

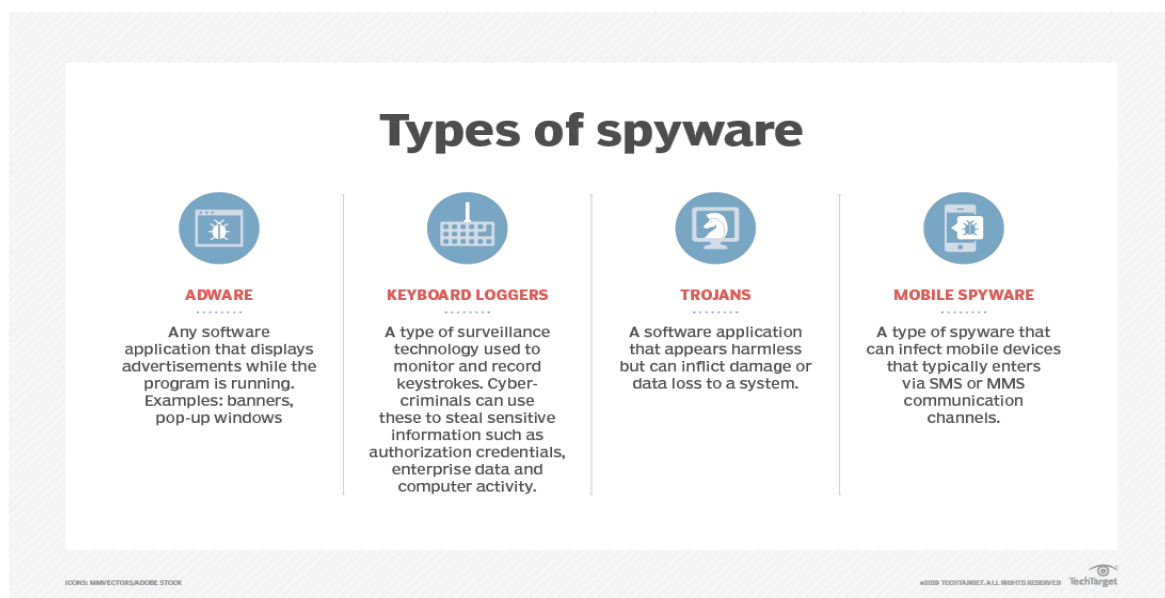
I. INTRODUCTION

Spyware is a malicious code or malware which is installed in any computing device with out the knowledge of the user. It usually steals confidential information from the user like internet usage, passwords and it provides these data to the installer. Once the spyware is installed it steals the users information which in turn violates the privacy.

- it can also be used in the various scenarios like concerned parents installing stalkerware in the children mobiles or other devices to locate them, to listen the calls and record their conversations, and it is used to browse the mails and even their messages. It can also

success their personal information like the stored images, videos and the contacts of the children. In this way the security of the children can be monitored by the parents.

- Spyware can secretly modify the security of the firewall so that it cannot be detected. Some forms of spyware can easily hide from any forms of the detection in the system and can even allow to install more malware to the system.
- There are many app in the market in which are available. we can easily install spyware to the system by using these available applications.
- The different spyware which are available are:



II. RELATED WORK

- Monica Anderson. 2016. Parents, Teens and Digital Monitoring. Pew Research Center: Internet, Science & Tech. Retrieved July 12, 2016

In this paper they studied about how much the parents know about their children what they are using in their system. They also studied how many parents aware about those sites their children visited. They also displayed detail bar graph about the activities the parents are doing to their children by using different scenarios. They produced a report that how are parents use different examples to make their children aware of the problems by talking to them. This survey is conducted by them by using one parent and one child from each family. The data in this report is mainly how is the behaviour of the parent towards the children about the specific scenarios.

- Robert S. Weisskirch. 2009.

This study is about the parental monitoring of adults and their relationships. In this it shows how the cell phones provide monitoring function for the parents to monitor their location, call and contacts, browsing history and the internet usage. And it can also helps the adults to contact the parents and to accept the support for their activities.

- Sarah Whittle, Julian G. Simmons, Meg Dennison, Nandita Vijayakumar, Orli Schwartz, Marie B. H. Yap, Lisa Sheeber, and Nicholas B. Allen. 2014.

This study is about the positive impact of the supportive/good parenting on the development of the adult's brain structure. This work is conducted to study the brain development structure of the adults which is influenced by the good parenting. This work involves mother interactions and MRI scans of the adults who are at age of 12 approximately. The MRI scans are conducted across 4 years. The studies have shown good brain development and it enhances their thinking.

- Children's Online Privacy Protection Rule ("COPPA"). Federal Trade Commission. Retrieved August 1, 2017

This protection imposes the rules and regulations for the applications or the websites who provide their services for the children of age about 13 years to follow the requirements of the rule. The have to provide that they are collecting information from the children.

- Antti Oulasvirta, Aurora Pihlajamaa, Jukka Perkiö, Debarshi Ray, Taneli Vähäkangas, Tero Hasu, Niklas Vainio, and Petri Myllymäki. 2012.

The Helsinki privacy experiment is done to study the effects on the children who are of under surveillance. They select 10 households to this experiment. They used cameras with microphones on the computers and on the televisions etc. In long term of these monitors the adults showed stress, anxiety, privacy seeking behaviour, and depression in the duration of the 6 months. This data provides the behaviour of the adults when they know that they are under constant surveillance.

- Alexei Czeskis, Ivayla Dermendjieva, Hussein Yapit, Alan Borning, Batya Friedman, Brian Gill, and Tadayoshi Kohno. 2010.

As the growing of the large number of the smart devices there is also increase of the security of the personal information. This leads to the growth of large number of monitoring tools etc. as these tools are combined and made into an application which is installed in the device this may lead to a parent-adult relationships which may affect their trust and privacy. Not only they affect the parent and adults this may affect the friendship of the adults who use these applications to monitor their friends. They used a approach in which it shows good and bad

influences over them and conducted a study on 10 families. The result showed the behavioural changes in them after short time.

III. PROPOSED WORK

Problem Foundation: --

Security is one of the main problems in the case of the children's activities. It is mainly because they tend to believe faster and this led to frauds. One the parents use harsh conditions on children such as surveillance they tend to rebel on the parents and the relationship between them collapses [5,6]. This may lead to even greater problems. They do not know what are for them to see or not they do not know about regulations in their age [4,8]. So, the parents have to guide them on proper route so they can be grown properly and more intelligent/clever [3] the usage of smart devices lead to serious security issues [1,2,4].

- Webcam spy

This feature is one of the must require to build a spyware which used to see what the children are doing in the real time. This allows the parents to monitor their children via webcam. If they are in any unseen situations, it will help the parents to monitor their children. When children are in any conflict, they can know the fault they have done can be corrected [12,13].

- Screen spy

As the children run any application it must be shown on the screen if the application is shown on their screen, then parents can easily monitor what they are accessing through their screen [13]. This is the medium through which allows parents to monitor every application they are running through the device. If the websites or services that does not follow the rules then parents can them on proper way[4].

- Recorder

It is the most required feature in the whole application. This function is mostly used to record the calls and chats of the children. It is most used by parents because their children are most prone to the frauds done on calls and chats [2]. By using this function, the parents can get to know if there are any fraud traps that their children are attracted to. In some case the children are asked to enter their transaction passwords and details in the chats. To prevent these from happening this is must function in the application [14,15].

- File logger

To check any malicious or unethical files which are in the located in the files of the device this feature is used to check the files in the device so that they cannot cause any type of harm to their children in any right [1,2].

- Result and Analysis

After the detailed list of analysis, the application is working very well. The analysis is made by using ever resources available in the hands. After each detailed analysis of the function it is concluded that the application is working fine it is also confirms that the results got are perfectly fine.

IV. CONCLUSION

The main goal of this project is to study about the spyware and how it can be used to make a better application for the parents which is used to provide services such as monitoring the children and recording the call and chats which in turn is used to provide better security for them from the frauds and any other security issues. This project also taught the rules and regulations which are used in the web services for the children and the consequences of the forced monitoring and supportive parenting using spyware.

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