

Privacy and Security Issues

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Abstract- In this paper we have discussed the privacy and security in detail. The different aspects of the privacy and policy are discussed. These are also discussed in accordance to the protection by law. We have discussed the detailed difference between the privacy and policy as many people use to consider it as the same thing. In the further discussion the privacy law and its implications are also discussed. The child protect and consumer protection is also discussed as these are also very important. In the last part of this paper, we have also discussed the different issues which the users have faced in accordance to their personal information.

Introduction

Some people say that this is a matter of technology, but some say that privacy and security is an important matter whether we are using the technology related things or not. This privacy and security related matters are evergreen and use to apply in all the conditions and situations of life. It is a bit different in the type of privacy and security. With the invention of new technology and the increasing connection of new generation with computers and technology, the privacy, and security-related issues has also increased and become more serious. Actually, we can never trust to everyone and in order to ensure our safety, we have to manage the privacy and security of our things. For example, if we are using the computer then we use to have our private data in it and we don't want anyone to get access to it. In this way we use to adopt some security ways and protect it with passwords. This is the most common way of security. Similarly, when we use to go to any place and do the written agreements by providing our personal information then we also get the concern about our personal information to get secure. So in this way we also request to that authorized persons that you should take care of our private information and never give it to any person without our permission. So this thing comes in our privacy of information and these are necessary for the organizations to maintain some privacy-related standards as it uses to provide mental satisfaction to the customers. Anyways, we can say that the issue of privacy and security has increased with the increase in usage of information system and information technology. We use to put our

information and all the personal and important data in our machines. When we have them in our minds or in our personal control then we can control them and know about their security. On the other side if we put all of this information and data in computer systems, laptops, mobiles and palmtops etc. then we have to use some measures to ensure the privacy and security possible. There is the different importance of privacy and security at an individual level and at an organizational level.

Difference between Privacy and Security

The privacy and security are not the same things about which we can say that these are the name of any similar thing. The privacy is a different thing and the security is also a completely separate thing. Actually, in many places these are used side by side with each other. There are different that we use in terms of securing the information and data. We can differentiate these terms in order to clearly understand the real meaning of these terms and the purpose of them as well. In this way we will understand the real use of each term. We know that we have listened to these terms a lot of times in our daily life and these are also become the part of our daily life, but these are all different things and have the different way of securing the information and data. Up to some extent, these terms has the same function but we can differentiate then to know how these terms are used if they are applied separately at any place. There are different standards made by the international community so that the individuals and the companies can follow the standards of

privacy, confidentiality and security so that to ensure the customers and all the connected people that the company is much aware of the importance of privacy, confidentiality and security. There are also laws which use to give as guidance regarding the privacy, confidentiality and security as well. So these are some important thing due to which it is very important to differentiate these terms so that to clear their purpose and importance at all. [Rebecca Herold, CISSP, CISA, FLMI. [July – 2012]]. These are given below

Privacy

The privacy is something which is used to secure the personal information of the consumer. Actually, every person has the right to set his or her information secure and save it from others. In this way the privacy policies are maintained so that to ensure the users that their personal information will be saved and no one will be able to access their information. The law also provides protection in this case. According to the law, this is right of the individual to get the information in privacy. If in any case any person or the company tries to breach the privacy laws and provide the personal information or any person to others then that person has a right to sue that company in court and claim the damages against that act. There are many different forums where we use to provide our personal information and they also have the strong privacy policy to protect the personal information of the user. For example, when users on face book use to register them to use the social website then they provide their personal information so that to get access to their account. Their personal information is protected by the privacy policy of the site. Similarly, when we go to any university to get admission they also request us to provide our personal information to them and then they use to protect out information so that no one from the outside or inside the university can access to that information. Actually, these privacy-related securities are the right of an individual and without the permission of the specific individual his or her information can never

be disclosed. [Rebecca Herold, CISSP, CISA, FLMI. [July – 2012]].

Confidentiality

The confidentiality carries the similar meaning and relates to the same category but with the slight difference. This term is used in IT profession and also in other professions where we have a relation with supplier and customer and we use to save their data. In other professions when someone takes out professional services and provide us access to their system and important information then it becomes our duty to take care of his or her confidentiality and never disclose their information to the others. On the other side, this is also requirement for the professionals not to disclose the confidential information of other and also never use their confidential information for personal benefit. Confidentiality is something which never applies to any single thing, but it applies to all the conditions. If any case we get access to the confidential information of others then it becomes our ethical and social responsibility to take care of the others confidentiality and never disclose their information to the other without permission. [Rebecca Herold, CISSP, CISA, FLMI. [July – 2012]].

Security

Security is a different term which is used for the different purpose. The security may provide privacy and may also provide confidentiality, but these two things are not similar. Security may be provided to the place where no private or confident data is placed and may be the security is there for the different purpose. So there may be different purposes of providing security and this purpose may vary in nature. For example, the security is provided in the offices so that to avoid any type of theft and the lost of information. The security is provided to restrict the access of the unauthorized person who may use data in his favor. So there can be different types of securities. Normally this term uses with the privacy as the privacy is only possible if the security is provided

to the private data. On the other side in companies the confidential data is also secured from the employees who have no right to access the data. In the purpose of security, there are a lot of different things which can be done. This includes adopting the latest software security systems in order to save data on software and also from internet hackers. On the other side, the physical security is provided by putting cameras and secured locks in order to stop the unauthorized persons to access that specific place. So these are the different ways in which all the terms privacy, confidentiality, and security are differentiated and are also treated in the different ways. [Rebecca Herold, CISSP, CISA, FLMI. [July – 2012]].

Why need for privacy & Security

The privacy and security are very important and due to the increasing importance of the privacy and security it become more important to consider more new ways to fulfill the demand for privacy and security. Following are some of the reasons due to to which the individual requires for the privacy and companies also provide them.

- To secure consumer personal information
- To use information for the purpose, it is obtain
- To secure from any misuse
- Make it possible to take it away from reach of others
- This is right of the consumer to ask for his privacy
- To earn confidence of the individuals
- To make confidential information secure

These were some of the reasons of making the privacy of information. Now we are going to discuss about why the security is necessary and which the benefit of making the security possible are:

- To secure system from threat

- To secure online data from hackers
- To ensure authorized access to the information
- To use the software systems against hackers activities
- To use passwords
- To use cameras for monitoring and security purpose.

These are some of the reasons due to which the security is made possible. The conditions and reasons may vary according to the nature of security demanded, but the actual purpose of privacy and security depends upon the nature of the matter. These all things use to make the importance of privacy and security clear. There are also set rules and regulations for the privacy and security which everyone should follow. [Brian Anderson. [Sep – 2013]].

Privacy and Security: Internet Age

The use of internet has also created a lot of questions for the security and privacy of information. There were a lot of incidents happened when the personal information or the importance data was hacked by the online hackers and use it for their personal use. Many countries have faced the hackers attack issue and in which the hackers use to attack their system and get their confidential information. In the American history, the hackers did cyber attack in America so that to get their secret information. In State of Union address, present Obama discusses the issue of cyber attack. In his address he told that we should take the different steps in order to make our cyber security more strong so that we can better defend it from the cyber hackers. He also announced a heavy budget for their security system as there was a lot of threat for their cyber system. Similarly, a lot of incidents have happened and the security measures were also taken in this regard. [Rebecca Herold, CISSP, CISA, FLMI. [July – 2012]]

Privacy Act

The privacy act does not cover all type of information provided online, but it use to covers in some specific cases. If we provide our personal information everywhere on the internet and then we think that our personal information is safe and no one can access to it, then this will become really wrong. There are some companies online which use to provide us protection under the privacy act and they are liable to provide the privacy to our personal information. If they will not provide the privacy to our information then they will have to be answerable for it. The users can also sue the company in such cases. There are different types of privacy acts for the different people. Some of the main points of privacy act are being discussed here.

Children Privacy

The Children Online Privacy protection Act (COPPA) gives the parents controls over the different websites so that to ensure that the sites are delivering such material which is good according to the age of children. This is also written as the disclaimer by the site that such age group is restricted to watch such material and parents should take care of it. Sometimes the sites use to provide material which is specifically for the children with age under 13 so they will write a note that this material is for the children who are under age 13. Similarly, some materials are allowed for the children under age 18. On the other side, some sites provide material which is allowed for the people over age 18. So there are the privacy protections which are provided by the privacy act to the children. [Kevin Butler. [Aug – 2014]]

Consumer Privacy

The privacy act tells the companies to use such privacy policy which can provide protection to the consumers in terms of the protection of their private data. This is also an honor which is provided by the companies to its customers that their personal information is secure to them and

they will protect their information in accordance to the privacy act. In this way the customers can rely on the company and accept to deliver their information to them. There is also some conditions in which the personal data can be disclosed and such conditions should also be discussed in the privacy policy of the company.

These are some of the privacy-related issues and the protections which are provided by the privacy act to the different users. These laws use to protect users in different ways and those situations are also mentioned. [Federal Trade Commission. Protecting America's Consumers].

Is Privacy & Security Really Dead

According to some writers, the privacy and security have not much existence as it is expected by the users. The information they use to provide has already been used by the different sources. This is really against the privacy and security. This is not the privacy and security which the users seeking for and which the companies use to ensure them at the time of getting their information.

According to some writers, there were some issues made by the big companies like the face book, Google and Apple that they misused the user information and sold their personal information to the others. In this way the users felt very bad and they were really not expecting such thing. These are the normal things and now days the users have not much trust over online communities and avoid to provide their personal information. Similarly, there have also been a lot of credit card misuse issues which the users have to face. Some sites use to get credit card information from users and later they may leak it up and create problems for the customers. A lot of such problems have happened in past and left questions for the users. [Jacob Morgan. [Oct – 2014].].

Conclusion

In this paper we have discussed about the different aspects of privacy and security. We have discussed the importance of privacy and security. As the internet users are increasing day by day and more sensitive information is use on the internet so in this situation they also require for the more security measures and the good protection under the law. People use to purchase a lot of thing from the internet and provide sensitive information so that need security and the companies should take care of it in order to maintain the confidence of users.

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