



SOCIAL NETWORKING AND CIRCUMSPECT FROM CYBER-CRIME

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Abstract:

Cyber security protects our facts, software, websites and our important evidence from unauthorized personages or cyberpunk. Now a day we are using social networking sites and from these social networking sites there are more prospects to escalate the cybercrime. For these reason only cyber security invented many projects. Cyber security protects the networks, computers, mobiles, websites and data from cyber-attacks. The attacker or cyberpunk attack's or hack's the websites or the important facts and he can use the evidence or the fact for misguide or misuse. The cyber security includes the various controlling systems in the management to dependability the software of the personage. In these research paper I proposed the deep study of cyber security and precaution from cybercrime. I also give the various security types related with cyber security.

Keywords: Cyber-Crime, Cyber Security, Cyberpunk

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Introduction

These is the 21st century and also it is the epoch of the mobile phones, computer's, new technologies and social media. For these intensions only there are many prospects to escalate the cybercrime. We have to recollect that in today's circumstances we have to do our drudgery from anchored social networking sites infect it is mandatory. Nowadays cyber security plays a predominant contribution to manage the cyber -crimes. Now cyber-crimes are the most existing in India as well as in all over world. It is the big stumbling block of the India and all over the world. cyber security protects our important facts, networks, mobiles, data from the cyberpunk. According to the newly published record of national bureau, cybercrimes are escalating in the India in just two years.

The number of cybercrimes are escalating in the India and utter Pradesh is the at topmost position in the

cybercrimes. Cybercrime is the most pressing problem in the world. Technologies are invented but the many problems regarding to the newly invented technologies are also increased.

Cyber security in the India.

These are some important sections in the Indian democracy-

- 1) Abate in computer documents (section 65 IT ACT)
- 2) Strive for the hacking (section 66(2) IT ACT)
- 3) Catastrophe or damage the computer resources and the networking (section 66(1) IT ACT)
- 4) Entrance the digital signature and certificates (section 71 IT ACT)
- 5) Fraud in the digital signature (section 74 IT ACT)

These are some sections regarding to the IT fields and these sections are followed in the India. These are the the main sections that are followed. In 2012 there are 1791 cases are registered in India and today these number is



escalating double.

Cyber security in the social networking sites:

The main purpose behind the social networking sites is to connect the personages or escalate the communication between the personages. cyber security maintains the privacy and it secures the data the cyberpunks.

There are some types of the cyber security as follows-

A. Issues

As we must know that the growth social networking sites and these sites also brought the various benefits it also bought the various types of the security. It also provides vulnerable platform to be exploited by the attackers or the cyberpunks

I) Misusing or misguide the identity:

The attacker or the cyberpunk are impersonating the identity of any user and this information or the identity will have misused or misguided. These can be metamorphosing into the big problem. These may be very dangerous.

II) trusting on the social networking sites:

Sometimes what happens that we are handles the files or our data and social networking sites on insecure device that will turns in the danger mode. We trust on the social networking sites and we are trapped in their plans. They were use the information of the personage's foe misuse.

III) legal issue:

On posting the contents on the social networking sites that is offensive to any individual or community or country. There are the legal risks to

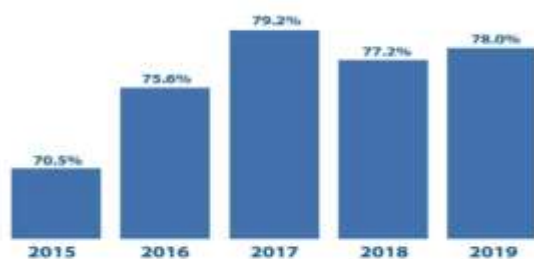


Figure 1: Frequency of successful attacks by year.

handling the social networking sites. Like leaking the confidential information.

IV) viruses and malwares:

Malwares and the viruses are often their ways onto your computers and on the mobiles through those annoying the advertisement and through the insecure websites. These is very pernicious to your computers and mobile phones.

V) privacy of the data:

Some times what happens the users are share the personal information on the social networking sites and cause the privacy braches of the information.

the above fig. shows that the cybercrimes cases in various countries. And most cybercrimes cases are happened at the united states.

The above shows that the proportion that the cybercrimes cases are happened in the various 5 years. In the 2015 there are the 70.5 % of the cybercrime cases. In the 2016 year there are 75.6 % of cybercrime cases. In the year 2017 the percentage of the cybercrimes are 79.2 %.in the year 2018 there are the 77.2 % of the cybercrimes. In the year 2019 there are the 78 % of the cybercrimes. There are the least cases of cybercrime in the year 2015 and supreme cases in the 2017.

Cyber security is also the main body of the newly invented technologies and it is also protecting the data, information and networks of the personages.

Elements of the cyber security:

Elements of the cyber security includes the various applications and software's, hardware's and various protection methods. Cyber security protects our various data and information specially our persona data from various virus and malwares. For designing the software, cyber security plays a very important role in development. We know that the world is more and more accessible and hence there is the more chances to threats in the social networking.



Cyber security includes the various types in the security of the personages data and important facts-

Cyber security determines the threats:

The main thing in the cyber security is to determine the codes in the cyber-crimes which can harm the private sectors and the organisation.

Cyber-crime analyse the vurnabilities:

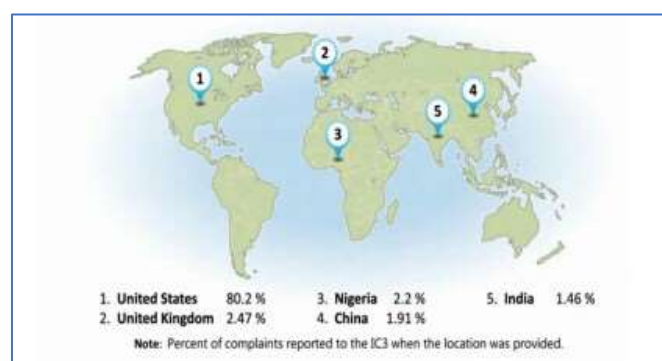
potential weakness is examining by the organisation to secure the private details in order to protect the uses resources. Theses includes the step for protecting the data against predetermined threats.

Accessing Risks in Cyber security:

After determination of vulnerabilities, the next step in cyber security is to determine the level of threat associated with the system. The risk is ranked on the basis of the factors that the how much it can damage to the data and which operations will be responsible for these cyber-attacks.

Applying correct security measures:

The last step includes the adaptation of well-defined



plans against the cybercrime. the steps include development of new government policies and implementation of additional hardware.

Recommendation:

- Sometimes company may create confusion with
- other spam mails or the phishing so to avoid these company should accept some policies for the mail.

- For blocking the malicious website, one should use good quality of antivirus.
- To avoid the unofficial access, the computer system or the websites one should do the authentication process at every level.
- To spread the awareness regarding the cyber threats. The individual should be made aware about the cyber threats by training them and by educating them about cyber-crimes.
- The settings included in web browser security –
 - Block phishing sites, plug-ins, pop-ups.
 - Browser should not store the passwords.

Acknowledgement:

As the social networking sites are increasing the cyber treats are also increses.the prime target for cyber-crimes are the social networking sites. The economic and the national security is the under danger due to increase in the cyber-crime. The public health, telecommunication, banking and the private sectors are at greater risks. The cyber-crimes can be avoided by embedding proper security plans. These will help to reduce cyber-crime and terrorist attacks on important details.so there is need of taking proper security measures for ensuring the nation security and the public security.

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