

Security Threats:

Phishing

Phishing is an attempt to trick sensitive information (such as credit card information, social security etc) out of their targets. This could be by presenting an email from a trustworthy company – which is fake.

Niagara letters

As far as I'm aware, Niagara letters is emails from what's supposed to be lawyers or bankers of "dead relatives" that has given you a ton of money through their will – and they ask for your bank information.

Fake Helpdesk calls to users

This is normally foreign people calling, and asking about If have any problems with your PC, and in the end they install software so they can go back into your computer and harm both the user and the computer.

Password Attacks

- Easy passwords

It's always a threat when some has a weak password such as 123456 or "password". It's easy to guess, and makes it a lot easier for the hacker to gain access to your account.

- Dictionary

Here the hackers are trying millions of possibilities, examples of using dictionaries to find the victims password.

- Brute-Force

Where hackers use programs to crack the victim's password, this can be a really slow process, if the victim has a long and strong password.

Denial of Service

- DoS

It's an attempt to make machines or networks unavailable to the users using it.

- SYN Flood

An attacker tries to send a succession of SYN request to the target's system – in an attempt to try to consume enough server resources to make the system unresponsive or shutdown.

- DDoS

One of the most common ways to put down websites, is where botnets with millions of PC's worldwide is used to access request data from one site – at the same time – which results in the website is shutdown.

Worms

Worms is malware that spreads from one computer to another, normally these types of viruses causes harm to networks.

Virus

A computer virus is a program that replicates itself into other programs, data files and boot sectors on the computer. This could potentially destroy data, and make it unrecoverable.

Trojan Horses

A Trojan horse is like the movie Troya, where a program looks like its useful – but when opened it causes even more damage.