

## **Cyber Crime & Prevention**

Cyber Crime may be defined in a general way as an unlawful act wherein the computer is either a tool or a target or both.

### **Unauthorized Access**

Unauthorized access to computer systems or networks means any person who secures access or attempts to secure access to a protected system.

### **Email bombing**

Email bombing refers to sending a large amount of emails to the victim resulting in the victim's email account (in case of an individual) or mail server (in case of a company or an email service provider) crashing.

### **Data diddling:**

This kind of an attack involves altering the raw data just before it is processed by a computer and then changing it back after the processing is completed.

### **Salami attack**

this attack is used for the commission of financial crimes. The key here is to make the alteration so insignificant that in a single case it would go completely unnoticed, e.g. a bank employee inserts a program into the bank's servers that deducts a small amount of money (say Rs.5 a month) from the account of every customer. No single account holder will probably notice this unauthorized debit, but the bank employee will make a sizable amount of money every month.

### **[Read About Cyber Law of India](#) Internet time theft**

this connotes the usage by an unauthorized person of the Internet hours paid for by another person.

### **Logic bomb**

this is event dependent program. This implies that this program is created to do something only when a certain event (known as a trigger event) occurs, e.g. some viruses may be termed logic bombs because they lie dormant all through the year and become active only on a particular date (like the Chernobyl virus).

## **Virus / worm attack**

Virus is a program that attach it selves to a computer or a file and then circulate it selves to other files and to other computers on a network. They usually affect the data on a computer, either by altering or deleting it. Worms, unlike viruses do not need the host to attach themselves to. They merely make functional copies of themselves and do this repeatedly till they eat up all the available space on a computer's memory.

## **Trojan attack**

A Trojan, the program is aptly called an unauthorized program which functions from inside what seems to be an authorized program, thereby concealing what it is actually doing.

## **Denial of service attack**

this involves flooding a computer resource with more requests than it can handle. This causes the resource (e.g. a web server) to crash thereby denying authorized users the service offered by the resource.

## **Distributed denial of Service attack**

this is a denial of service attack wherein the perpetrators are many and are geographically widespread. It is very difficult to control such attacks.

## **Email Spoofing**

a spoofed email is one that appears to originate from one source but actually has been sent from another source.

## **Intellectual Property Crime**

This includes software piracy, copyright. Infringement, trademarks violations etc.

## **Cyber Stalking**

The Oxford dictionary defines stalking as "pursuing stealthily". Cyber stalking involves following a person's movements across the Internet by posting messages (sometimes threatening) on the bulletin boards frequented by the victim, entering the chat-rooms frequented by the victim, constantly bombarding the victim with emails etc.

## **Your Email/Mobile has won some Million Pounds**

**If you are receiving this kind of messages please try to ignore it , do not reply them as they are 100% fraud people, please report all the details to the nearest police station.**

**Some examples of Mails are given below**

## **Example 1**

**FROM: MR GEORGE KABORE,**  
**REPLY SO WE CAN PULL THE FUND.**  
**Please read carefully,**

***This message might meet you in utmost surprise. However, it's just my urgent need for foreign partner that made me to contact you for this transaction. I got your contact from yahoo tourist search while I was searching for a foreign partner. I assured of your capability and reliability to champion this business opportunity when I prayed about you.***

***I am a banker by profession in BURKINA-FASO, WEST AFRICA and currently holding the post of manager in account and auditing department in our bank. I have the opportunity of transferring the left over funds (\$ 15.5Million Dollars) belong to our deceased customer who died along with his entire family in a plane crash.***

***Hence; I am inviting you for a business deal where this money can be shared between us in the ratio of 60/40 if you agree to my business proposal. Further details of the transfer will be forwarded to you as soon as I receive your return mail immediately as soon as you receive this letter.***

***Please indicate your willingness by sending the below information for more clarification and easy communication.***

***For more details, Contact me for more details.***

- (1) YOUR FULL NAME.....***
- (2) YOUR AGE AND SEX.....***
- (3) YOUR CONTACT ADDRESS.....***
- (4) YOUR TEL AND FAX NUMBER.....***
- (5) YOUR COUNTRY OF ORIGIN.....***

***Trusting to hear from you immediately.***

***Thanks & Best Regards,***

***MR GEORGE KABORE,***

***Please Reply To This E-Mail Address,***

***( [georgekabore@hotmail.fr](mailto:georgekabore@hotmail.fr) )***

## **Example 2**

Hello,

How are you today I hope that every things is ok with you as it is my great pleassure to contact you in having communication with you starting from today,Although you might be apprehensive about my email as we have not met before and this mail is not ment to implicate you or put you into any form of problem.This however is not mandatory nor will I in any manner compel you to honour against your will.I would like you to read on and consider the value I offer please i wish you will have the desire with me so that we can get to know each other better and see what happened in future.I am a girl of about 23years old,I believe that age,race or language can not be a barrier to a true love,I am

honestly looking for a sincere,honest and God's fearing man for a long term relationship that may lead to any better thing in future.I will be very happy if you can write me through this email for easiest communication and to know all about each other,and also give you my pictures and details about me.i will be waiting to hear from you as i wish you all the best for your day.

your new friend

Catha

### Example 3

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THE COCA COLA COMPANY  
PROMOTION/PRIZE AWARD DEPT  
COCA COLA AVENUE STAMFORD  
BRIDGE LONDON  
SW1V 3DW  
UNITED KINGDOM.

THE COCA COLA COMPANY OFFICIAL PRIZE NOTIFICATION We are pleased to inform you of the result of the just concluded annual final draws held on the (3rd, June 2010) by Coca-Cola in conjunction with the British American Tobacco Worldwide Promotion, your email was among the 20 Lucky winners who won £1,000,000.00 each on the COCA'COLA COMPANY PROMOTION.

However the results were released on Friday,11,JUNE,2010 and your email was attached to ticket number (7PWYZ2006) and ballot number (BT:12052006/20The online draws was conducted by a random selection of email.addresses from an exclusive list of 29,031 E-mail addresses of individuals and corporate bodies picked by an advanced automated random computer search from the internet.

However, no tickets were sold but all email addresses were assigned to different ticket numbers for representation and privacy. The selection process was carried out through random selection in our computerized email selection machine (TOPAZ) from a database of over 250,000 email addresses drawn from all the continents of the world.

This Lottery is approved by the British Gaming Board and also Licensed by the The International Association of Gaming Regulators (IAGR).This lottery is the 3rd of

its kind and we intend to sensitize the public. In other to claim your £1,000,000.00 POUNDS prize winning!, Please contact our fiduciary agent for claims with the contact below Agent.

MR. WILLIAM GORE

Email: [cocacolaofficialprize@hotmail.co.uk](mailto:cocacolaofficialprize@hotmail.co.uk)

Telephone: +44 7017 035461

PAYMENT OF PRIZE AND CLAIM

- 1. Full name.....
- 2. Country.....
- 3. Contact Address.....
- 4. Telephone Number.....
- 5. Marital Status.....
- 6. Occupation.....
- 7. Age.....

Congratulations!! once again.

Contact Person:  
Mrs.Carolyn Rex