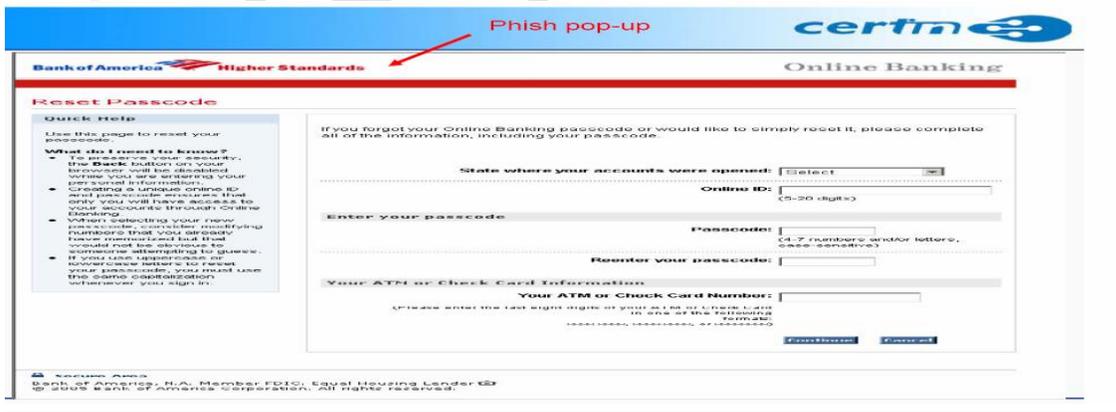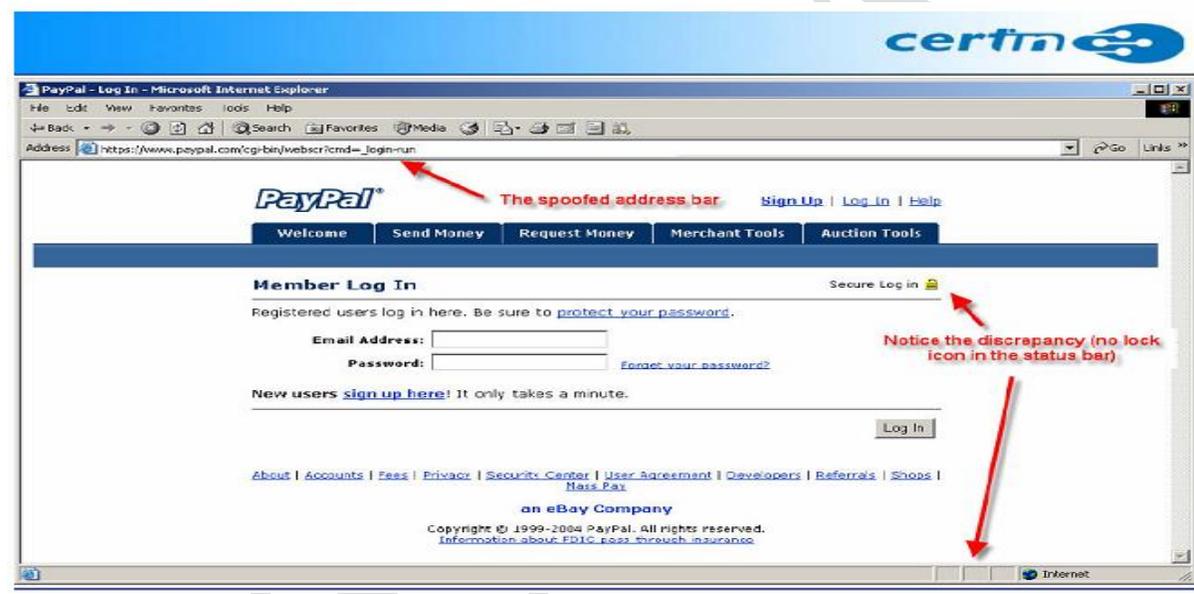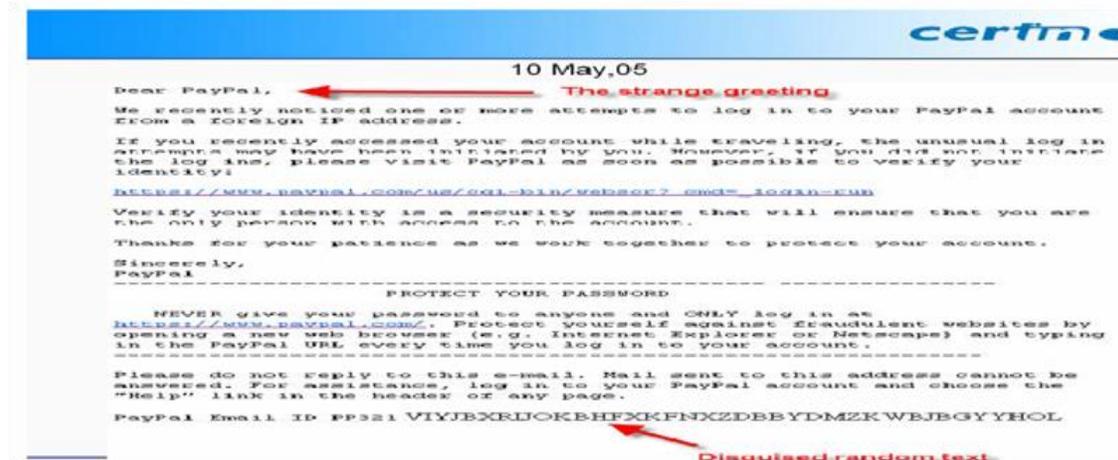# Article -1
Anti-Phishing

About Phishing:

Definition

Phishing is the act of tricking someone into giving   confidential information (like passwords and credit card information) on a fake webpage or email form pretending to come from a legitimate company (like their bank).

Examples

Types of Phishing
▸ We can distinguish two main types of Phishing attack:

     1. Spoofed e-mails and web sites.
     2. Exploit-based phishing attacks.

Spoofed e-mails

It is similar to *scam* where the attacker send a fake winning notification to the victim asking for his credit card number and so on...

Spoofed Web Sites
Many organizations, such as banks, do not provide interactive services based on e-mail where user has to provide a password but use their websites to provide such interactive services.
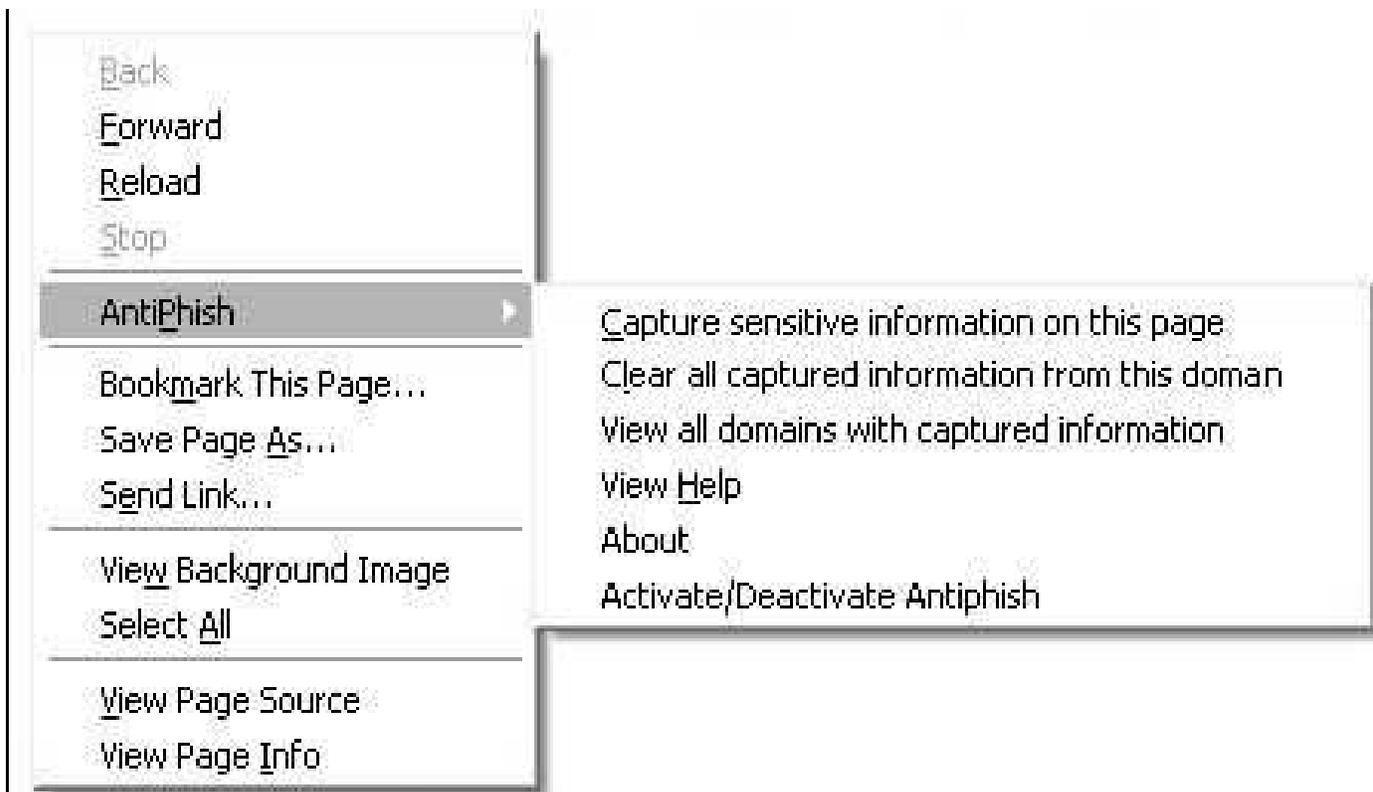
How to combat AntiPhishing?

▸ Educate application users

  ✓ Think before you open

  ✓ Never click on the links in e-mail, message boards and mailing lists

  ✓ Never submit credentials on forms embedded in e-mails

  ✓ Inspect the address bar and SSL certificate

  ✓ Never open suspicious e-mails

  ✓ Ensure that the web browser has the latest security patch applied

  ✓ Install the latest antivirus packages

  ✓ Verify the accounts and transactions regularly.

Anti-Phishing Solutions

  ➢ There are mainly two types of antiphishing solutions:

      ▪ Browser (Plug-in) based
      ▪ Server based

      ➢ The browser based solution tries to defend the customer from the client-side point of view.
      ➢ The server based solutions try to collect information about phishing websites (also behavioural) to build a black list (See VeriSign).

AntiPhish: an Overview

▸ AntiPhish is an application that is an integrated into the web browser, thus, it is a browser based solution.

▸ AntiPhish keeps track user's sensitive information and prevents this information from being passed to the web site that is not considered "trusted".

Back
Forward
Reload
Stop

AntiPhish ▶   Capture sensitive information on this page
                Clear all captured information from this doman
Bookmark This Page…   View all domains with captured information
Save Page As…   View Help
Send Link…   About
                       Activate/Deactivate Antiphish
View Background Image
Select All

View Page Source
View Page Info

Organizations

▶ Anti-Phishing Working Group (APWG)

   ◦ The APWG has over 2300+ members from over 1500 companies &
     agencies worldwide.
   ◦ Member companies include leading security companies such as Symantec,
     McAfee and VeriSign.
   ◦ Financial Industry members include the ING group, VISA, MasterCard
     and the American Bankers Association.

Developed by:
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Article -2
Online Analytical Processing

- ❖ Advanced data analysis environment that supports decision making, business modeling, and operations research.
- ❖ The main purpose of BT is together indirect Store and analysis business data for creating Information.

Characteristic

- ➢ They use multidimensional data analysis   Technique.
- ➢ They provide advanced database support.
- ➢ They provide user friendly interface.
- ➢ They support client server architecture.

Architecture

- ➢ The OLAP operational characteristics are divided into three main modules.

  - • Graphical user interface
  - • Analytical processing login
  - • Data processing login

- ❖ Advanced data analysis environment that supports decision making, business modeling, and operations research.

FIGURE 12.6 OLAP CLIENT/SERVER ARCHITECTURE
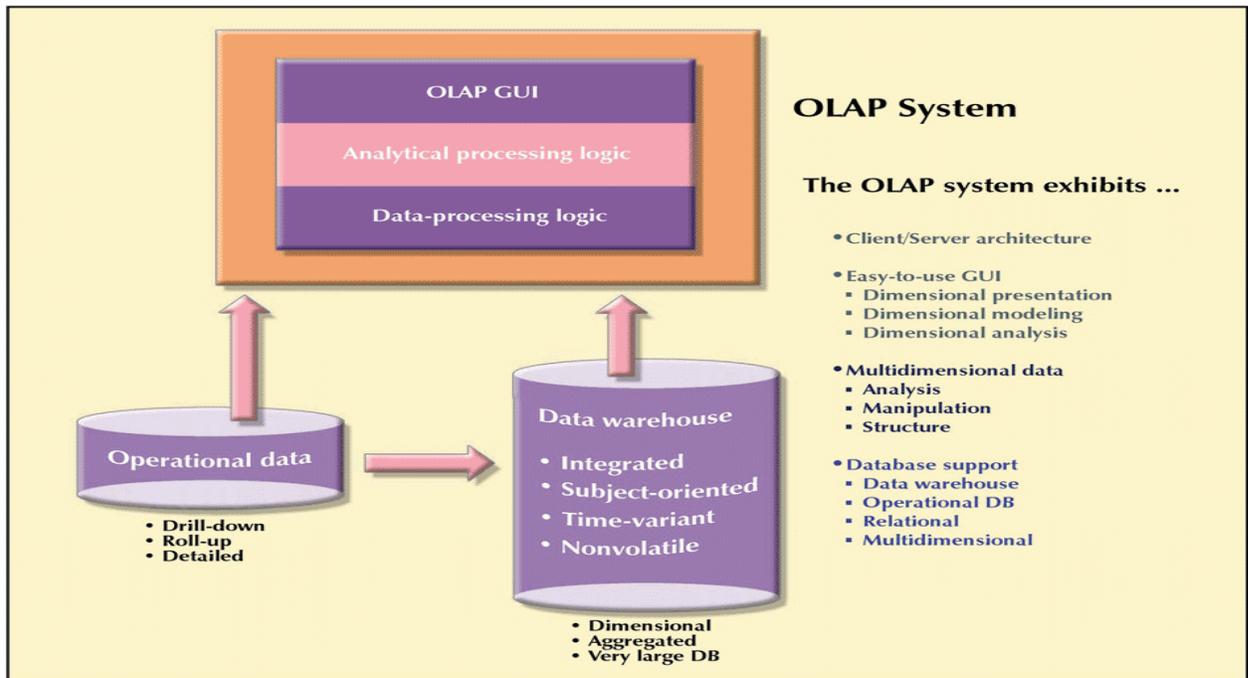
OLAP Client/Server Architecture

The OLAP system exhibit the following

- ❖ Client Server Architecture
- ❖ Easy to use GUI.
- ❖ It describe dimension Presentation dimensional modeling and   dimension analysis.
- ❖ It also support multidimensional data for   Analysis manipulation and structure Generation
- ❖ The database support the data Warehouse the operational database
- ❖ Relation database or multidimensional Database
- ❖ Filtering the data extracted integration and other operational data into
- ❖ Warehouse

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