SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107

An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING-IOT Including CS&BCT

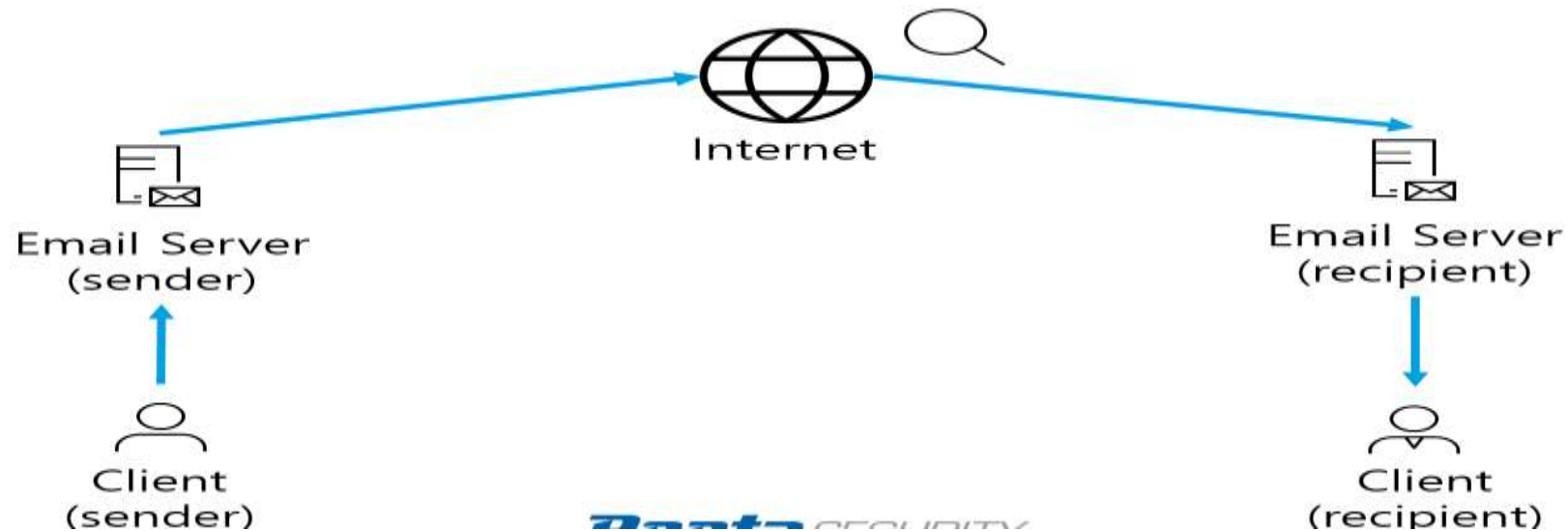COURSE NAME : **19SB402**- NETWORKING AND CYBERSECURITY

II YEAR / III SEMESTER

Unit II- **SECURITY THREATS**

Topic : **Email Threats**

Email Threats

Email Threats

➢ It Comes different forms.

➢ Some of the most Common email based attacks include: Spam.

➢ Spam is unsolicited Emails sent out in massive blasts.

➢ Modern Spam filters Catch & block Spam emails.

Types of Email Threats

1. Malware Delivery via Spam.

   ➢ It is an Most serious threats.

   ➢ It delivered through emails.

2. Credential Theft via phishing Emails.

   ➢ It is also Same as spam.

3. Business email Compromise.

   ➢ CEO Fraud

4. Ransomware, trojan and other malware.
   ➢ It is an encryption to block file.
   ➢ Hackers demand a ransom Payment
   ➢ It usually in crypto currencies like bit Coin.

Email Threats Cont..

Types of Email Threats

5. Botnet and DDOS (Distributed denial of services)

  ➢ It is group by machines (or) devices connected to the Internet.

  ➢ It affected by malware.

  E.g. 1000 of Emails Send to a Company with the aim of interrupting

Email Threats Cont..

Type of Attacks:

1. Phishing

   ➢ form of fraud (dangerous Attacks)

2. Vishing

   ➢ It is a phishing using voice Communication technology.

   ➢ Criminals can Spoof calls from authorized sources using voice over

      IP technology.

3. Smishing

   ➢ It is a Phishing using text message on Mobile Phone.
      E.g. Smishing send a website link, Suddenly at we can open the line,
   then malware is installed on the Mobile phone.

Type of Attacks:

4. Whaling

   ➢ It is a Phishing attack.

   ➢ It concentrate on high practice Like senior executives.

5. Pharming

   ➢ It is an authorized website.

   ➢ It misdirects users to a fake website that appears to be official.

6. Spyware

   ➢ It is a software.
   ➢ It enables a criminal to obtain information about users Computer activities.

Any Queries

Thank You!