

SUBJECT: NTAL

Experiment 2

Name :

Roll No:

Aim: EXPERIMENT-2.a :Study of Email Attacks. Performing Spamming Attack: How to send a predated spam mail and identify the same.

EXPERIMENT-2.b : Setting a SMTP Server and Use of ssmtp tool for accessing gmail from the command line.

Theory:

Email Spam Defined

By definition, email spam is any email that meets the following three criteria:

- Anonymity: The address and identity of the sender are concealed
- Mass Mailing: The email is sent to large groups of people
- Unsolicited: The email is not requested by the recipients

In short, spam email is any email that was not requested by a user but was sent to that user and many others, typically (but not always) with malicious intent. The source and identity of the sender is anonymous and there is no option to cease receiving future emails.

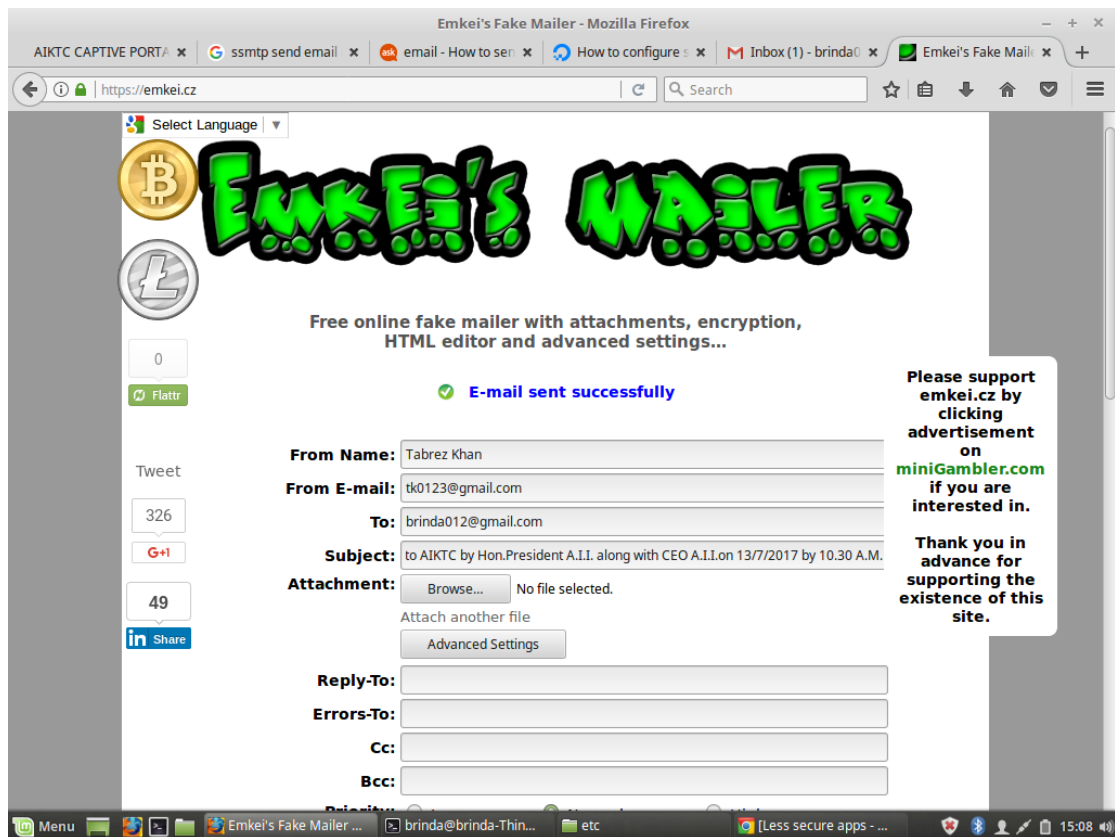
ssmtp

SSMTP is a program which delivers email from a local computer to a configured mailhost (mailhub). It is not a mail server (like feature-rich mail server sendmail) and does not receive mail, expand aliases or manage a queue. One of its primary uses is for forwarding automated email (like system alerts) off your machine and to an external email address.

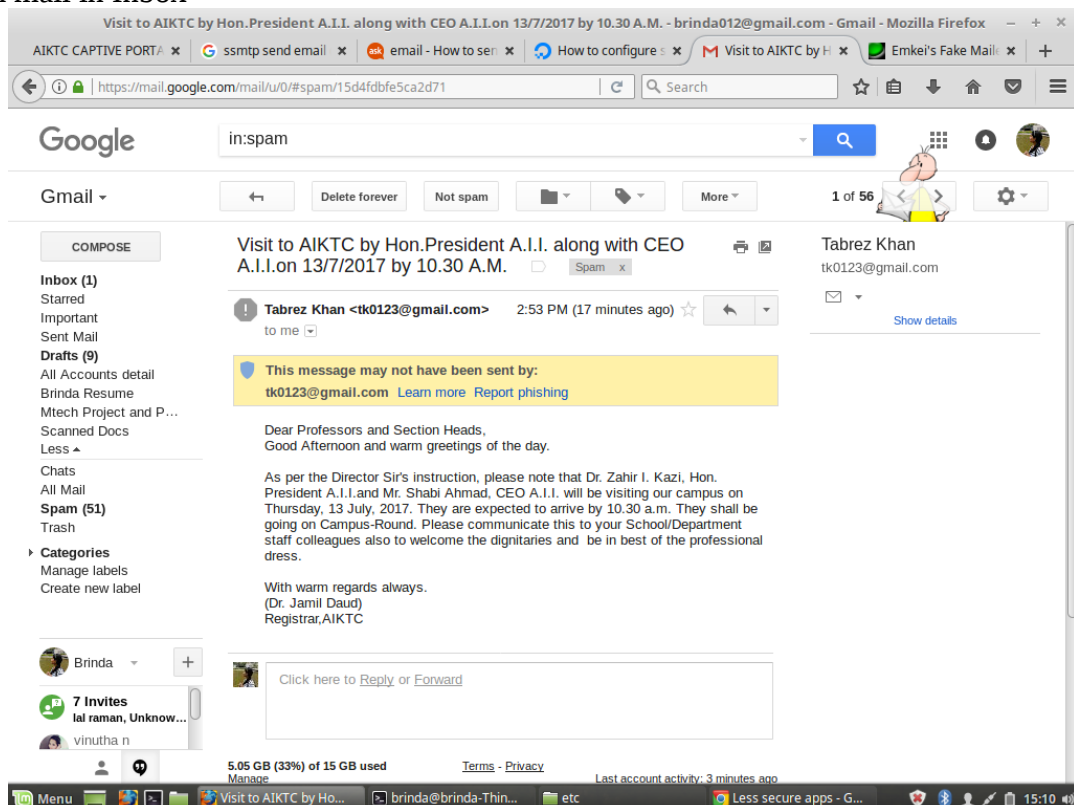
Conclusion :

OUTPUT:

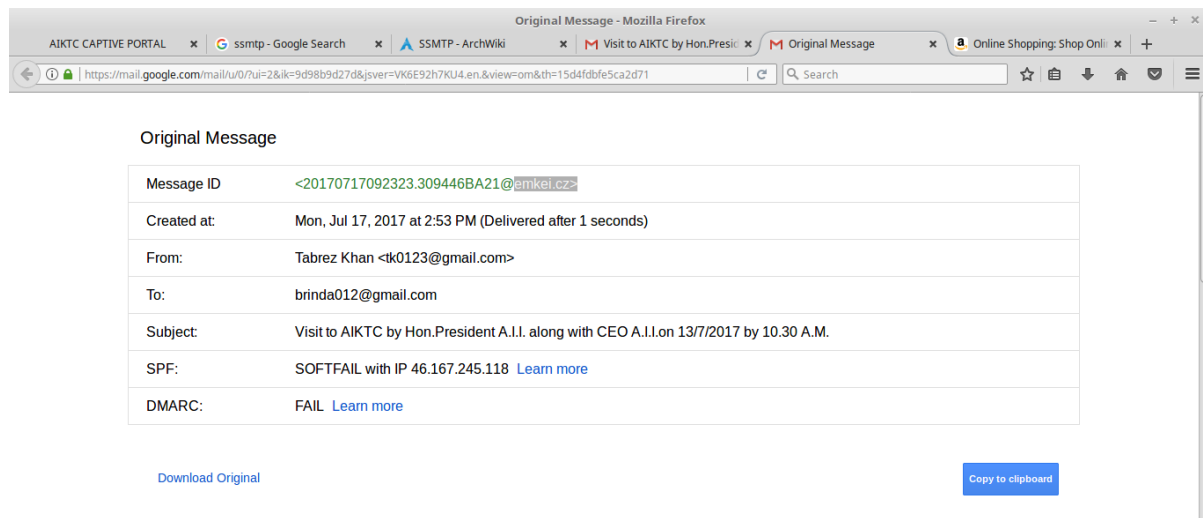
1. Sending a Spam message using emkei.cz



2. Spam mail in Inbox



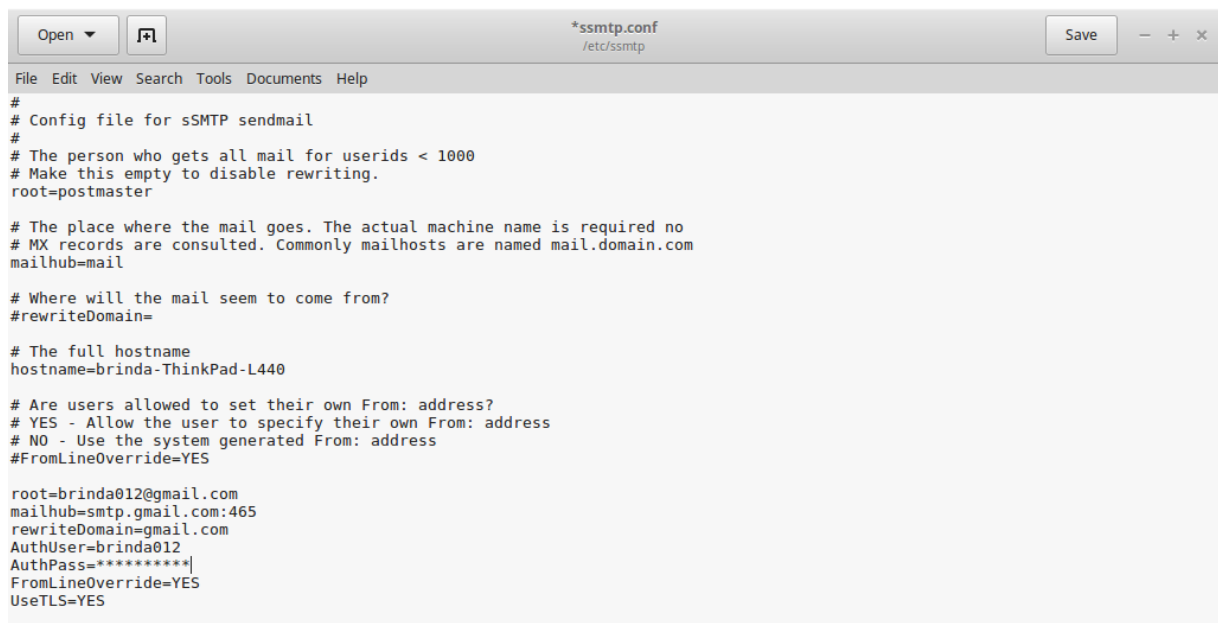
3. To identify the spam mail → go to Show original



ssmtp:

Procedure:

1. Download ssmtp using
`sudo apt-get install ssmtp`
2. Open file and add the following lines : `sudo gedit /etc/ssmtp/ssmtp.conf`



3. Open terminal and type following to send mail to recipient say (abcd@gmail.com)

ssmtp abcd@gmail.com

- 4 Type your message to send and after completing use `ctrl+d` to send the mail.