

Lab Assignment 1: Manual Spam

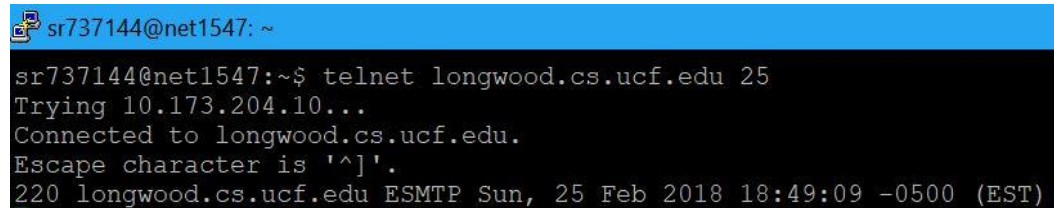
- Sridevi Divya Krishna Devisetty (PID:4436572)

Objective: Need to log in to Eustis machine, and the use telnet command to connect to CS department email server to manually send a pure text-based spam (faked) email to gmail account: "ucf.cap6135@gmail.com".

Procedure:

1. Connect to Eustis machine and connect to CS department email server by using telnet command.

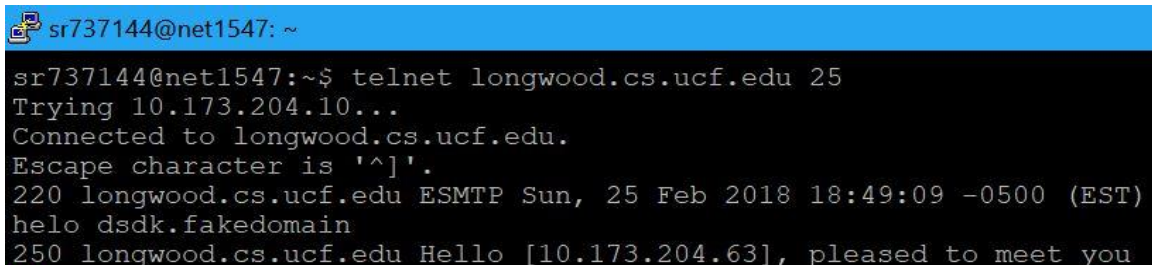
telnet longwood.cs.ucf.edu 25

A terminal window with a blue title bar showing the user 'sr737144@net1547: ~'. The command 'telnet longwood.cs.ucf.edu 25' is entered. The output shows the connection attempt to 10.173.204.10, successful connection to longwood.cs.ucf.edu, and the SMTP banner: '220 longwood.cs.ucf.edu ESMTP Sun, 25 Feb 2018 18:49:09 -0500 (EST)'. A green cursor is visible on the line following the banner.

```
sr737144@net1547: ~  
sr737144@net1547:~$ telnet longwood.cs.ucf.edu 25  
Trying 10.173.204.10...  
Connected to longwood.cs.ucf.edu.  
Escape character is '^]'.  
220 longwood.cs.ucf.edu ESMTP Sun, 25 Feb 2018 18:49:09 -0500 (EST)  
█
```

2. Use the HELO command to identify domain name of the sending host to SMTP.

helo dsdk.fakedomain

A terminal window with a blue title bar showing the user 'sr737144@net1547: ~'. The command 'telnet longwood.cs.ucf.edu 25' is entered. The output shows the connection attempt to 10.173.204.10, successful connection to longwood.cs.ucf.edu, and the SMTP banner. The command 'helo dsdk.fakedomain' is entered, and the response is '250 longwood.cs.ucf.edu Hello [10.173.204.63], pleased to meet you'. A green cursor is visible on the line following the response.

```
sr737144@net1547: ~  
sr737144@net1547:~$ telnet longwood.cs.ucf.edu 25  
Trying 10.173.204.10...  
Connected to longwood.cs.ucf.edu.  
Escape character is '^]'.  
220 longwood.cs.ucf.edu ESMTP Sun, 25 Feb 2018 18:49:09 -0500 (EST)  
helo dsdk.fakedomain  
250 longwood.cs.ucf.edu Hello [10.173.204.63], pleased to meet you  
█
```

3. Type the sender and receiver email addresses

mail from: senior_accountant@boe.com
rcpt to: ucf.cap6135@gmail.com
rcpt to: divya.dsdk91@gmail.com
rcpt to: divyakrishna.devisetty@knights.ucf.edu

```
sr737144@net1547: ~  
sr737144@net1547:~$ telnet longwood.cs.ucf.edu 25  
Trying 10.173.204.10...  
Connected to longwood.cs.ucf.edu.  
Escape character is '^]'.  
220 longwood.cs.ucf.edu ESMTF Sun, 25 Feb 2018 18:49:09 -0500 (EST)  
helo dsdk.fakedomain  
250 longwood.cs.ucf.edu Hello [10.173.204.63], pleased to meet you  
mail from: senior_accountant@boe.com  
250 2.1.0 senior_accountant@boe.com... Sender ok  
rcpt to: ucf.cap6135@gmail.com  
250 2.1.5 ucf.cap6135@gmail.com... Recipient ok  
rcpt to: divya.dsdk91@gmail.com  
250 2.1.5 divya.dsdk91@gmail.com... Recipient ok  
rcpt to: divyakrishna.devisetty@knights.ucf.edu  
250 2.1.5 divyakrishna.devisetty@knights.ucf.edu... Recipient ok  
█
```

4. Type the data that needs to be embedded in the mail.
data

from: IT-support@bankofEarth.com
to: spamHW@CAP6135
subject: CAP6135: Sridevi Divya Krishna Devisetty

This is to inform you that your account will be blocked due to insufficient balance.

Contact 123-456-7890 for further details.

Thanks,
Senior accountant,
Bank of Earth.

```
sr737144@net1547: ~  
sr737144@net1547:~$ telnet longwood.cs.ucf.edu 25  
Trying 10.173.204.10...  
Connected to longwood.cs.ucf.edu.  
Escape character is '^]'.  
220 longwood.cs.ucf.edu ESMTP Sun, 25 Feb 2018 18:49:09 -0500 (EST)  
helo dsdk.fakedomain  
250 longwood.cs.ucf.edu Hello [10.173.204.63], pleased to meet you  
mail from: senior_accountant@boe.com  
250 2.1.0 senior_accountant@boe.com... Sender ok  
rcpt to: ucf.cap6135@gmail.com  
250 2.1.5 ucf.cap6135@gmail.com... Recipient ok  
rcpt to: divya.dsdk91@gmail.com  
250 2.1.5 divya.dsdk91@gmail.com... Recipient ok  
rcpt to: divyakrishna.devisetty@knights.ucf.edu  
250 2.1.5 divyakrishna.devisetty@knights.ucf.edu... Recipient ok  
data  
354 Enter mail, end with "." on a line by itself  
from: IT-support@bankofEarth.com  
to: spamHW@CAP6135  
subject: CAP6135: Sridevi Divya Krishna Devisetty  
  
This is to inform you that your account will be blocked due to insufficient balance.  
Contact 123-456-7890 for further details.  
  
Thanks,  
senior accountant,  
Bank of Earth.  
  
.  
250 2.0.0 w1PNn9SQ023879 Message accepted for delivery  
quit  
221 2.0.0 longwood.cs.ucf.edu closing connection  
Connection closed by foreign host.  
sr737144@net1547:~$
```

‘.’ to send the mail and quit to exit session.

5. Below is the spam mail received in my inbox.

CAP6135: Sridevi Divya Krishna Devisetty

 Inbox x



IT-support@bankofearth.com

 to spamHW 

6:49 PM (19 minutes ago) ☆



This is to inform you that your account will be blocked due to insufficient balance.
Contact 123-456-7890 for further details.

Thanks,
senior accountant,
Bank of Earth.

CAP6135: Sridevi Divya Krishna Devisetty

 Inbox x



IT-support@bankofearth.com


 to spamHW 

6:49 PM (19 minutes ago) ☆



This is to inform y
Contact 123-456-

Thanks,
senior accountant
Bank of Earth.

from: **IT-support@bankofearth.com**
to: spamHW@cap6135
date: Sun, Feb 25, 2018 at 6:49 PM
subject: CAP6135: Sridevi Divya Krishna Devisetty
security:  ucf.edu did not encrypt this message [Learn more](#)



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