CAP 6135: Lab Assignment 1: Manual Spam
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PROCEDURE:

STEP 1: Connected to the Eustis machine through VPN and connected to the CS department email server using the telnet command.

telnet longwood.cs.ucf.edu 25

```
~ — vh881038@net1547: ~ — ssh vh881038@eustis.eecs.ucf.edu        +

Please use your NID and NID password to log in.

[vh881038@eustis.eecs.ucf.edu's password:
Welcome to Ubuntu 18.04.1 LTS (GNU/Linux 4.15.0-43-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage


 * Canonical Livepatch is available for installation.
   - Reduce system reboots and improve kernel security. Activate at:
     https://ubuntu.com/livepatch
Last login: Wed Feb  6 14:48:53 2019 from 10.32.9.181
[vh881038@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 Mon, 18 Feb 2019 16:38:06 -0500 (EST)
```

STEP 2: To identify the domain name of the sending host to SMTP, the HELO command was used

helo dsdk.fakedomain

```
[vh881038@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 Mon, 18 Feb 2019 16:38:06 -0500 (EST)
[helo dsdk.fakedomain
250 longwood.cs.ucf.edu Hello [10.173.204.63], pleased to meet you
```

STEP 3: The sender and the receiver email addresses were typed in.

> **mail from:** senior_manager@boe.com
> **rcpt to:** ucf.cap6135@gmail.com
> **rcpt to:** vj1294@knights.ucf.edu

```
[vh881038@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 Mon, 18 Feb 2019 17:32:04 -0500 (EST)
[helo dsdk.fakedomain
250 longwood.cs.ucf.edu Hello [10.173.204.63], pleased to meet you
[mail from: <senior_manager@boe.com
553 5.0.0 <senior_manager@boe.com... Unbalanced '<'
[mail from: <senior_manager@boe.com>
250 2.1.0 <senior_manager@boe.com>... Sender ok
[rcpt to: <ucf.cap6135@gmail.com>
250 2.1.5 <ucf.cap6135@gmail.com>... Recipient ok
[rcpt to: <vj1294@knights.ucf.edu>
250 2.1.5 <vj1294@knights.ucf.edu>... Recipient ok
```

STEP 4: Under the DATA command section, the data to be embedded in the email is typed:

> **from:** IT-support@bankofEarth.com
> **to:** spamHW@CAP6135
> **subject:** CAP6135: Vhaijaiyanthishree Venkataramanan
>
> This is for your kind notice that your account has insufficient funds due to which it will be blocked starting 02/27/2019. If you want to avoid this, kindly deposit the minimum balance required to maintain the active status.

For further details or assistance, contact (555) 4058-555.

Thank you,
Senior Manager,
Bank of Earth.

```
~ — vh881038@net1547: ~ — ssh vh881038@eustis.eecs.ucf.edu        +

500 5.5.1 Command unrecognized: ""
[DATA                                                               ]
354 Enter mail, end with "." on a line by itself
[from: IT-support@bankofEarth.com                                   ]
[to: spamHW@CAP6135                                                 ]
[subject: CAP6135: Vhaijaiyanthishree Venkataramanan               ]

[This is for your kind notice that your account has insufficient funda due to whi]
ch it will be blocked starting 02/27/2019. If you want to avoid this, kindly dep
osit the minimum balance required to maintain the active status.

[For further details or assistance, contact (555) 4058-555.        ]

[Thank you,                                                         ]
[Senior Manager,                                                    ]
[Bank of Earth.                                                     ]


.
250 2.0.0 x1IMW3n1009142 Message accepted for delivery
```

STEP 5: Type '.' To send the email and quit the session.

STEP 6: Below is the spam email received in my inbox.

CAP6135: Vhaijaiyanthishree Venkataramanan

I   IT-support@bankofEarth.com   Reply all | ∨
     Today, 5:46 PM
     spamHW@CAP6135 ⌄

This message was identified as spam. It's not spam

This is for your kind notice that your account has insufficient funda due to which it will be blocked starting 02/27/2019. If you want to avoid this, kindly deposit the minimum balance required to maintain the active status.

For further details or assistance, contact (555) 4058-555.

Thank you,
Senior Manager,
Bank of Earth.