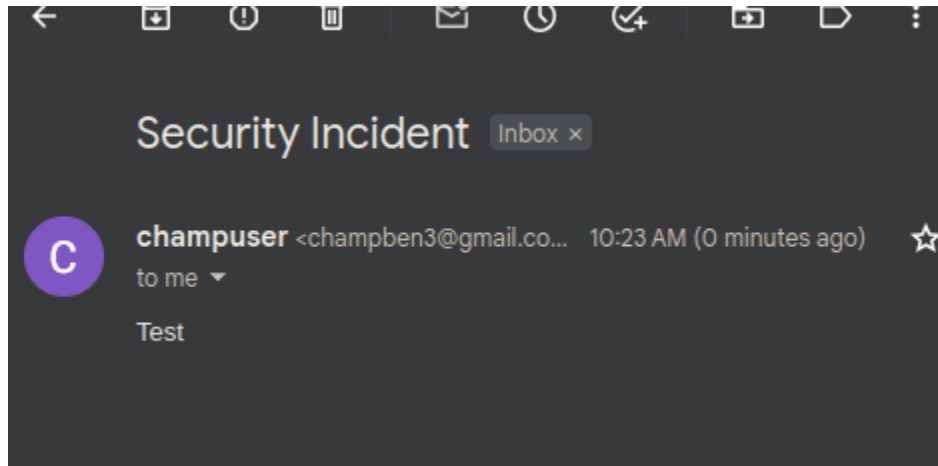


Lab14\_EmailFailedLoginIncidents  
SYS-320  
Ben W  
SP24

Deliverables:

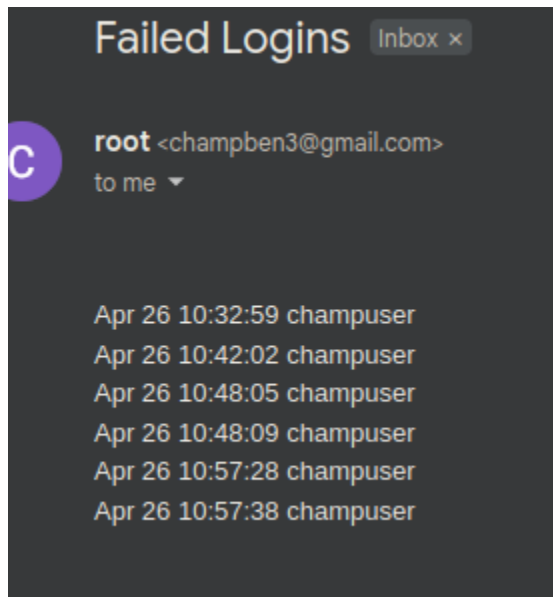
1. Successful email test



2. Todo1

```
4
5 function getLogins(){
6   logline=$(cat "$sauthfile" | grep "systemd-logind" | grep "New session")
7   dateAndUser=$(echo "$logline" | cut -d' ' -f1,2,11 | tr -d '\.')
8   echo "$dateAndUser"
9 }
10
11 function getFailedLogins(){
12   dateAndUser=$(cat "$sauthfile" | grep "authentication failure" | awk '{print $1,$2,$3,$15}' | awk -F'[' '{print $1,$2,$3,$5}')
13   echo "$dateAndUser"
14 }
15
16 # Sending logins as email - Do not forget to change email address
17 # to your own email address
18 echo "To: champben3@gmail.com" > emailform.txt
19 echo "Subject: Logins" >> emailform.txt
20 getLogins >> emailform.txt
21 cat emailform.txt | ssmtp champben3@gmail.com
22
23 # Send failed logins as email to yourself.
24 # Similar to sending logins as email
25
26 echo "To: champben3@gmail.com" > emailform2.txt
27 echo "Subject: Failed Logins" >> emailform2.txt
28 echo -e "\n\n" >> emailform2.txt
29 getFailedLogins >> emailform2.txt
30 cat emailform2.txt | ssmtp champben3@gmail.com
31
```

### 3. Todo 2



### 4. Cron job scheduled

```
champuser@xubuntu:~/sys320git/BashLabs/Lab14$ crontab -l
# Edit this file to introduce tasks to be run by cron.
#
# Each task to run has to be defined through a single line
# indicating with different fields when the task will be run
# and what command to run for the task
#
# To define the time you can provide concrete values for
# minute (m), hour (h), day of month (dom), month (mon),
# and day of week (dow) or use '*' in these fields (for 'any').
#
# Notice that tasks will be started based on the cron's system
# daemon's notion of time and timezones.
#
# Output of the crontab jobs (including errors) is sent through
# email to the user the crontab file belongs to (unless redirected).
#
# For example, you can run a backup of all your user accounts
# at 5 a.m every week with:
# 0 5 * * 1 tar -zcf /var/backups/home.tgz /home/
#
# For more information see the manual pages of crontab(5) and cron(8)
#
# m h dom mon dow   command
36 11 * * * /bin/bash -c "/home/champuser/sys320git/BashLabs/Lab14/userlogs-1.bash > /dev/null 2>&1"
```

### 5. Emails from cronjob

<input type="checkbox"/>	☆	me	Failed Logins - Apr 26 10:32:59 ch...	11:36 AM
<input type="checkbox"/>	☆	me	Logins - Apr 26 lightdm Apr 26 lig...	11:36 AM