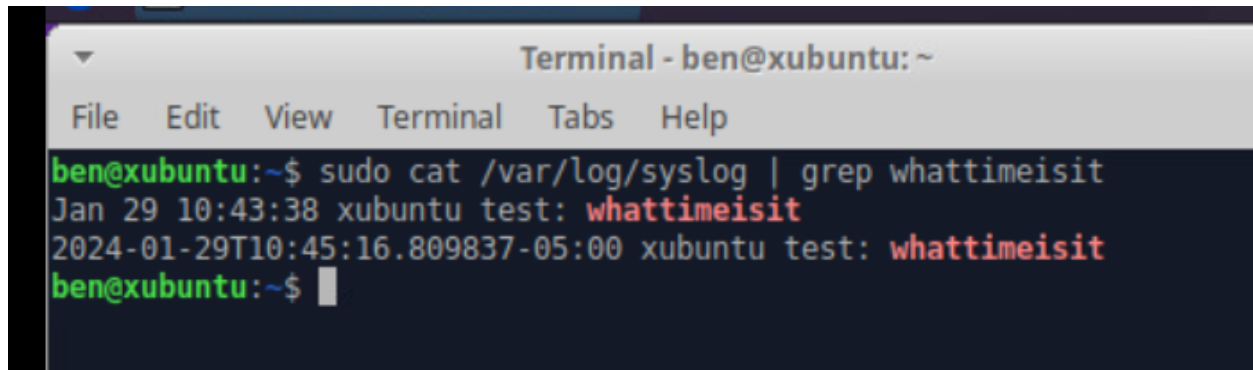


Lab2-1_StandardizingOnTime
SEC-350
Ben W
SP24

Deliverables:

1. High precision time in the logs

A terminal window titled "Terminal - ben@xubuntu: ~" with a menu bar (File, Edit, View, Terminal, Tabs, Help). The terminal shows the command `sudo cat /var/log/syslog | grep whattimeisit` being executed. The output displays two log entries with high precision timestamps: `Jan 29 10:43:38 xubuntu test: whattimeisit` and `2024-01-29T10:45:16.809837-05:00 xubuntu test: whattimeisit`.

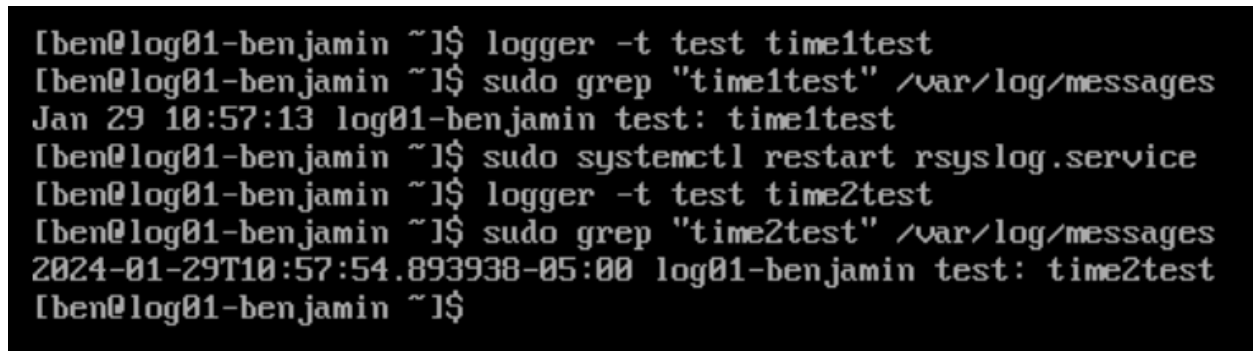
```
ben@xubuntu:~$ sudo cat /var/log/syslog | grep whattimeisit
Jan 29 10:43:38 xubuntu test: whattimeisit
2024-01-29T10:45:16.809837-05:00 xubuntu test: whattimeisit
ben@xubuntu:~$
```

2. High precision time on web01

A terminal window showing a series of commands and their outputs on a system named web01. The commands include `logger -t test test1time`, `sudo grep "test1time" /var/log/messages`, `sudo systemctl restart rsyslog.service`, `logger -t test test2time`, and `sudo grep "test2time" /var/log/messages`. The output shows timestamps with high precision: `Jan 29 10:50:38 web01-benjamin test[29182]: test1time` and `2024-01-29T10:52:10.095854-05:00 web01-benjamin test[29215]: test2time`.

```
[ben@localhost ~]$ logger -t test test1time
[ben@localhost ~]$ sudo grep "test1time" /var/log/messages
Jan 29 10:50:38 web01-benjamin test[29182]: test1time
[ben@localhost ~]$ sudo systemctl restart rsyslog.service
[ben@localhost ~]$ logger -t test test2time
[ben@localhost ~]$ sudo grep "test2time" /var/log/messages
2024-01-29T10:52:10.095854-05:00 web01-benjamin test[29215]: test2time
[ben@localhost ~]$
```

3. High precision time on log01

A terminal window showing a series of commands and their outputs on a system named log01. The commands include `logger -t test time1test`, `sudo grep "time1test" /var/log/messages`, `sudo systemctl restart rsyslog.service`, `logger -t test time2test`, and `sudo grep "time2test" /var/log/messages`. The output shows timestamps with high precision: `Jan 29 10:57:13 log01-benjamin test: time1test` and `2024-01-29T10:57:54.893938-05:00 log01-benjamin test: time2test`.

```
[ben@log01-benjamin ~]$ logger -t test time1test
[ben@log01-benjamin ~]$ sudo grep "time1test" /var/log/messages
Jan 29 10:57:13 log01-benjamin test: time1test
[ben@log01-benjamin ~]$ sudo systemctl restart rsyslog.service
[ben@log01-benjamin ~]$ logger -t test time2test
[ben@log01-benjamin ~]$ sudo grep "time2test" /var/log/messages
2024-01-29T10:57:54.893938-05:00 log01-benjamin test: time2test
[ben@log01-benjamin ~]$
```

4. Tech Journal:

<https://github.com/benjamin-weatherill/SEC-350/wiki/Lab2%E2%80%90Standardizing-On-Time>