Scheduling Tasks in Linux

Andrew Mallett

LINUX AUTHOR AND TRAINER

@theurbanpenguin   web.theurbanpenguin.com

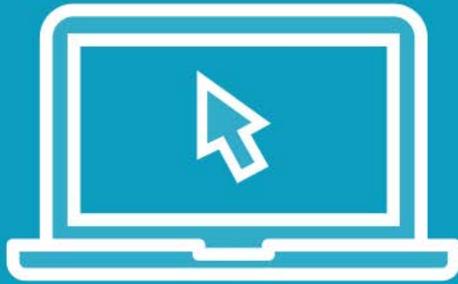# Exam Objectives

Schedule tasks to run at a set date and time

Verify completion of scheduled jobs

Use scripting to automate system maintenance tasks

Demo

Using scripts for maintenance tasks

Scheduling jobs with cron

Scheduling jobs with anacron

Scheduling jobs with at

Using Scripts for System Maintenance

Scheduling Jobs with Cron

Scheduling Jobs with Anacron

Scheduling Jobs with At

Scripts

#!/usr/bin/bash - shebang

FILE=/tmp/df.txt - variable

df -h > $FILE

mail -s "df" tux < $FILE && rm $FILE -
command line lists

Cron

```
# systemctl status crond

/etc/crontab

/etc/cron.d

$ crontab -l

$ crontab -e

$ crontab -r

MAILTO

min hour d-o-m month dow
```

Anacron

/etc/anacrontab

period   delay   job-id   command

At

systemctl status atd

$ at 17.45 23 May 2018

$ atq

$ atrm

Next Up: Log Files and Logrotate