Project: Determine Student Activity on Linux Server

Goal: determine which students from a class have logged in ( last log in, how many times, how long …. Who has not logged in ) over some period of time

Tentative ideas:

* User name pattern, start, end
* Ex: p5 01 35
  + User accounts will be p501, p502, … p534, p535
* Report login info for each user, including “has not logged in”

The % last command may be a source of information, or other log sources.

Solutions:

* Any script that can run on the server – I’m open to a number of language solutions
* Useful format & appropriate configuration/use options

Sample output for % last

% last p5\*

p501 pts/11 138.247.149.21 Thu Mar 24 19:42 still logged in

p501 pts/14 138.247.149.21 Thu Mar 24 09:37 - 09:41 (00:04)

p501 pts/20 138.247.99.195 Thu Mar 24 07:07 - 08:08 (01:01)

p523 pts/26 138.247.106.112 Wed Mar 23 22:25 - 23:23 (00:57)

p523 pts/36 138.247.106.112 Wed Mar 23 22:07 - 22:07 (00:00)

p520 pts/23 138.247.106.179 Wed Mar 23 13:37 - 13:37 (00:00)

p511 pts/0 138.247.107.2 Wed Mar 23 10:12 - 12:24 (02:11)

p514 pts/55 138.247.98.115 Wed Mar 23 09:39 - 11:54 (02:15)

p529 pts/54 138.247.106.113 Wed Mar 23 09:37 - 12:19 (02:41)

p525 pts/52 138.247.106.207 Wed Mar 23 09:36 - 10:11 (00:35)

p504 pts/49 138.247.98.252 Wed Mar 23 09:29 - 12:23 (02:54)