

1. [4 pt] What is the difference between a DoS attack and a flash crowd (also called flash event)?
2. [6 pt] There is a vulnerability noted in `tcsh`, `csh`, `sh`, and `ksh` from Sun regarding the root user. What is it? What can be done to overcome it?
3. [6 pt] Name two problems with a public Wi-Fi network such as the one used in St. Louis Bread Company.

4. [8 pt] I want incremental backups to be performed such that level 9 backup is performed every weekday (M-F)s. On each Saturday, we perform a backup such that first Saturday of the month is level 3 backup, second Saturday is level 4, third Saturday is level 5, and fourth Saturday is level 6 backup. In addition, we perform a level 0 backup on the first of the month. All the backups are performed at 2:00am. Give me the set of commands for my crontab file to achieve this. What happens if 1st of the month falls on a Saturday?

5. [6 pt] Compare RS-232 and parallel ports.

6. [4 pt] A user approaches you saying that he is unable to run `at` jobs but able to run `cron` jobs. What could be wrong? How can you fix it?
7. [8 pt] Compare IDE and SCSI buses. Under what circumstances will you be forced to use each of those? How do they compare with PCI bus?