First Principles: Least Privilege and Resource Encapsulation

1. Time: 9 to 11
2. Lecture: No Lecture; Hands-on Linux Administration
3. Activities
   1. Activity: Build the raspberry pi
   2. Activity: Install Raspbian
   3. Activity: Use Netcat to test connection to heartbeat server by hand
   4. Activity: Download and configure the heartbeat client to autostart
      1. sudo nano /root/.config/lxsession/LXDE-pi/autostart
         1. Note: autostart worked in preparation, but not during lecture. Update may have been to blame. Used .bashrc instead.
      2. @/home/pi/projects/myfolder/myapp
   5. Activity: Configure the Raspberry Pi to direct output to the small screen
   6. Overflow:
      1. Enable SSH for network management
      2. Add a user account