

CIS4407 - 2008 Summer
Group Assignment 3
Journals Due Friday, June 13th, at the beginning of class

Assignment: *Create common user account among two machines and attempt to create secure connectivity between servers*

Create a user account called `user0` on both of your servers. Make sure that the user account has the same uid, gid, and home directory on both machines; however, on the NFS server (s1), make sure that the shell is `/sbin/nologin` (or the equivalent). Modify your NFS set up so that the user's home directory from the NFS server is the home directory on s2. Test that you can log in as `user0` on your non-NFS machines (s2), and that `user0` cannot login to the NFS server.

Then install `wireshark`, and watch the network traffic (particularly that generated by NFS) as you do some work on each of the three machines using the `user0` account.

Finally, install `IPsec` between the two machines and watch the traffic to make sure that it is encrypted.

A journal is due for this assignment. Make sure that you document in your journal all of the steps that you went through, following the guidelines on the class home page. Please share the workload so that all team members get experience with all aspects of the work. **Don't forget to assign your work percentages to yourself and your other teammates in your journal.**

Please turn in a printed copy of this assignment at the beginning

of class next Tuesday rather than submitting by email.