IT 4500 : Information Security

Day 4

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Review

- Summarize what you learned from the section 2 lectures

Activity 1

What is freeRadius?

Activity 2

Locate the logs on your computer that show successful and failed authentication. On a Windows system, they can be found by right-clicking My Computer and selecting Manage. Then, in the computer Management dialog box, expand the Event Viewer in the left column. Expand Windows Logs and select Security. On a Ubuntu Linux system (and many other Linux distributions), the authentication logs can be found in /var/log/auth.log.

Locate any failed logon attempts.

Document how you would configure the maximum size of a log file and what the system will do when that maximum size is reached.

Activity 3

- An example of Identity Management from IBM
- Experimenting with Identity management (if you want to play with it, can’t all do as a class or we overwhelm servers)
  - I was successful using a windows IE and linux ff
  - what is provisioning?

Activity 4

First, research what apparmor is:

- http://askubuntu.com/questions/236381/what-is-apparmor
- https://help.ubuntu.com/community/AppArmor

Questions:

How does this relate to our current topics?

Activity 5
Try apparmor
  - Here
Using one time passwords

Activity 5

More Linux user security:

- chage
- ulimit (can't really test this, but see man page for what it does)
- /etc/security

Activity 6

Encryption?? Labs and help?