CPTR 427 Lab #8 Name

Installing Windows 2008 Server and Active Directory: SSL, Certificate Authority, Code Signing

# Lab OPs

1. In Windows 2008 Install:
   1. Install IIS
   2. Install Certificate Authority
   3. Create and install an SSL certificate for your webserver using the CA you just installed.
   4. Create a website in IIS that uses SSL to encrypt transactions.
2. In Linux create and install a certificate to secure your web servers default pages. If you don’t have apache installed, installed it. You may get your certificate from the Microsoft certificate server.
3. There are hints on the wiki for this class!

# How to Install?

There is good documentation on <http://technet.microsoft.com>. Part of being a good sysadmin is finding answers to problems. I’ve given you a task list and the CORRECT ORDER to do it in. Find the information necessary. If you get lost, ASK, I’ve probably done this 30 times.

# Securing The System Demos/Questions

1. 🞏 Show that you have a secure web page setup
   1. What signing algorithm is used by your server?
   2. What public key algorithm is used by your server?
   3. How many bits is the public key?
2. 🞏 Bring up your certificate authority (server) and show me the certificates issued to date.
3. 🞏 Show me how you would obtain a code signing certificate.
4. 🞏 Bring up your linux server and show me that it has a secure page on it.