

Project Information 2

*Note: For Project Information 1 see Lecture 17*

**Instructions for Projects Using Windows XP Pro and Windows 2000 Server  
(and Linux Server, if needed) As Tools**

- 1) Obtain license for VirtualPC and Windows 2000 Server (yes, 2000, not 2003!) from “ELMS for CS” on the SCST (Student Computer Support Team) web page at <http://www.cs.wmich.edu/~scst/>
- 2) Each group brings 3 CDs to lab C-208 and request for VirtualPC and Windows 2000 Server code. *Please make sure that only one person per group brings the CDs!*
- 3) Learn how to install Virtual PC with Windows (and Linux, if needed), and install the virtual machines on your project group computer under your project group account in the C-208 lab (more on the lab below). For installation instructions, see: Security lab manual at <http://www.securitylabmanual.com/> and follow links to:
  - a) Setup Files/Documentation (setting up Windows XP Pro, Windows 2000 Server under Virtual PC, and Linux Server—if needed)

You have the option of not providing your name (see “If you do not want to provide this click Here” at the bottom of the page.)

If your lab uses Linux Server in addition to Windows XP Pro and Windows Server – follow setup for “the C labs.” Others – follow setup for “the A labs.”

For Windows XP Pro and Windows 2000 Server, install only software named in Tools for your project tasks. (Do *not* install all tools from the table of s/w for Windows XP Pro or Windows 2000 Server.)

- b) Lab Environments – Windows Environment (Windows 2000 Server installation - redundant to the corresponding part of (a) above)
- c) Make sure that you read all ReadMe and ReleaseNotes files from installation CDs. For example, read “Release Notes for Virtual PC” from its CD.

*Note: Installing VirtualPC on any computer outside of the C-208 lab is strictly prohibited (exception: your own computer, at your own risk).*

Installing VirtualPC *on your own computer* might still be risky. Before you do, make sure that you have a good backup. Also, make sure that you back up all your other work as long as you have VirtualPC installed and you’re running your security project.

## Lab Organization

- 1) 7 computers are reserved for CS5950/6030 projects in the C-208 lab
- 2) Set up or get a single project group account for your group project. Only this account can be used for your project work.  
Please use account names of the form: Project-Pi or Project-Ti (e.g., Project-P2).
- 3) Use only one machine at a time per project group. (This assumes that Virtual PC will be installed, to emulate 2 or 3 machines per physical computer in the lab).
- 4) Use the sign up sheet in the lab to make reservations for lab computers.
- 5) Only one reservation may be active for a project group at a time. This means that a reservation for the *next* lab can be made only after your *previous* lab starts.
- 6) Time slots not occupied within 15 minutes after the scheduled start time are available to other project groups.

## Manual Loan

- 1) The following book is our lab manual:  
Computer Security Lab Manual  
by V.J. Nestler, W.A. Conklin, G.B. White, M.P. Hirsch (approx. \$40.00)

It will be available for loan in the CS main office (B-237).

To loan the manual, the borrower must leave a picture ID.

The *manual loan sheet* will facilitate fair time-sharing of the manual.

- 2) During a workday, the manual can be borrowed for *maximum 2 hrs per group per day*.  
*Overnight loan* is available after 4:30 pm and due next workday before 9:30 a.m.  
Overnight loan is permitted at most *once per week per group* with the following exception: If the manual is not borrowed by 4:50 p.m., any group can borrow it.  
*Weekend loan* is available on Friday after 4:30 p.m. and due by 9:30 a.m. on Monday.  
Preferrably, 2 project groups should arrange to share the manual over the weekend.  
Weekend loan is permitted at most *once per month per group* with the following exception: If the manual is not borrowed by 4:50 p.m., any group can borrow it.
- 3) Only one copy of the manual is available for loan. Please don't harm other groups by abusing your loan privileges.

## **Project Documentation and Presentation**

- 1) Document your project well.
- 2) Keep project log with date and time for important activities. Each detailed (computer generated) log must be summarized with a brief summary written by the group. Detailed logs should be recorded on a CD. Summaries should be printed as appendices of project reports.
- 3) Brief (approx. 10-minute) in-class project presentation will be required. I strongly suggest using media authoring s/w (e.g., Windows Media Encoder) to have a pre-recorded demo.