

STUDENT ACTIVITY 3.3_B: NETWORK ISOLATION

MTA Course: 98-367 Security Fundamentals

Lesson name: Network Isolation 3.3_B

Topic: Understand network isolation

File name: SecurityFund_SA_3.3_B

Lesson Objective

3.3_B: Understand network isolation. *This objective may include, but is not limited to:* VLANs, routing, honeypot, perimeter network, NAT, VPN, IPsec, Server and Domain Isolation

Resources, software, and additional files needed for this lesson

- None

System Requirements

- Supported Operating Systems: Windows Server[®] 2008 R2; Windows[®] 7; Windows XP
- Hardware requirements:
 - 2 GB RAM
 - 3.0 GB available hard disk space
 - 2.0 Ghz+ CPU
- Software requirements on the host computer
 - Windows XP / Windows Server 2008 R2 / Windows 7
 - Virtual PC 2007 / Virtual Server 2005 R2

Directions to the student

1. To install the Server and Domain Isolation demo on the host computer, download all the files found at the link below to a folder on your host computer.
<http://www.microsoft.com/downloads/details.aspx?FamilyID=13a0ab69-2113-482e-a6d1-911aff9e9e2d&displaylang=en>

2. Run the Install-SDI-Demo.vbe script. This script will:
 - Unpack the virtual machines to an installation folder.
 - Register the virtual machines with Virtual PC or Virtual Server.
 - For Virtual PC, it also configures additional options (in Options.xml).
 - On the desktop, it creates a shortcut to the installation folder.
 - Install a lab wallpaper on the host computer (optional).
3. Summarize your experiences by listing problems you encountered and solutions to the problems.