TDC572: Network Security

Introduction

Garfinkel and Spafford, Ch. 1

System security

UNIX

Example
What is system security?

What is a hacker?

What damage do hackers do?

What difference does the Internet make?

What is system security?

What threats are there to system security?

What responses can we make to these threats?
UNIX

Where and when did UNIX originate?

How many variants of UNIX are there?

What is open source?

Why is UNIX difficult to secure?

Is open source good or bad for security?
Example

In groups of 3-4, read the distributed material on the PCWeek Crack, and write answers to the following questions:

1. What weaknesses of UNIX were used in the attack?

2. Are other OS’s (e.g. NT) vulnerable to similar attacks?

3. If you were an IT manager, what would be your response to this article?