

Outline: Lecture 4

Date: April 7, 2011

Topic: The Internet and World Wide Web

1. What is the Internet, what is the Web? What are their purposes? How are they used?
2. Threats: what security threats exist on the Internet and Web?
 - a. Availability
 - b. Confidentiality
 - c. Integrity
3. Consequences: What impact do these threats have to and on society?
4. Defenses: what remedies to threats exist for the Internet and Web?
 - a. Protecting networks
 - b. Protecting hosts
 - c. Protecting infrastructure
 - d. Protecting cyber-physical systems
5. Costs: what are the costs of implementing these defenses?
 - a. People
 - b. Money