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Tacebook hack allack software	462,000 results	
ping attack software dowpload	304,000 results	
dos allack sollware download	1,460,000 results	
man in the middle attack software	14,000,000 results	
STREET,	4,120,000 results	
server attack software		











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configuration wea	aknesses.	
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Correctly config devices to con Configuration Weakness Unsecured user accounts System accounts with easily guessed passwords	gure their computing and network npensate. How the weakness is exploited User account information may be transmitted insecurely across the network, exposing usernames and passwords to snoopers. This common problem is the result poorly selected and easily guessed user passwords.	
Configuration Weakness Unsecured user accounts System accounts with easily guessed passwords Misconfigured Internet services	gure their computing and network npensate. How the weakness is exploited User account information may be transmitted insecurely across the network, exposing usernames and passwords to snoopers. This common problem is the result poorly selected and easily guessed user passwords. A common problem is to turn on JavaScript in Web browsers, enabling attacks by way of hostile JavaScript when accessing untrusted sites. IIS, FTP, and Terminal Services also pose problems.	
Configuration Weakness Unsecured user accounts System accounts with easily guessed passwords Misconfigured Internet services Unsecured default settings within products	Build of the second state Second state   How the weakness is exploited User account information may be transmitted insecurely across the network, exposing usernames and passwords to snoopers.   This common problem is the result poorly selected and easily guessed user passwords. A common problem is the result poorly selected and easily guessed user for the set of the second state set of the second set of the set of the second second second set of the second set	





### **Threats to Physical Infrastructure** • Four classes of Physical Threats: • Electrical Threat: Voltage spikes, insufficient voltage (brownouts), unconditioned power (noise), and total power loss. Security Measures: - UPS systems. LITTI Generators. C - Preventive maintenance. TIM Redundant power supply. Remote alarms.







### **Social Engineering**

- The easiest hack involves no computer skill.
  - If an intruder can trick a member of an organization into giving over information, such as the location of files or passwords, the process of hacking is made much easier.
- Phishing:
  - A type of social engineering attack that involves using e-mail in an attempt to trick others into providing sensitive information, such as credit card numbers or passwords.
  - Phishing attacks can be prevented by educating users and implementing reporting guidelines when they receive suspicious e-mail.

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## **Types of Network Attacks**

### • Reconnaissance Attacks:

- Reconnaissance is the unauthorized discovery or mapping of systems, services or vulnerabilities.
- It usually precedes another type of attack.
- Can consist of:
  - Internet Information Queries
  - Ping Sweeps
  - Port Scans
  - Packet Sniffers

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Chapter 4-1









# Types of Network Attacks

#### Access Attacks:

 Access attacks exploit vulnerabilities in authentication, FTP, and web to gain entry to accounts, confidential, and sensitive information.

Chapter 4-1

- The more common are:
  - Password Attacks
  - Trust Exploitation
  - Port Redirection
  - Man-in-the-Middle

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### The Enterprise Security Policy

#### • A living document:

• The document is never finished and is continuously updated as technology and employee requirements change.

#### • Essential Functions:

- Protects people and information.
- Sets the rules for expected behavior by users, system administrators, management, and security personnel.
- Authorizes security personnel to monitor, probe, and investigate.
- Defines and authorizes the consequences of violations.

Chapter 4-1

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