

Case Study for Information Management

資訊管理個案

Securing Information System:

1. Facebook, 2. European Network and Information Security Agency (ENISA) (Chap. 8)

1011CSIM4C08

TLMXB4C

Mon 8, 9, 10 (15:10-18:00) B602

Min-Yuh Day

戴敏育

Assistant Professor

專任助理教授

Dept. of Information Management, Tamkang University

淡江大學 資訊管理學系

<http://mail.tku.edu.tw/myday/>

2012-10-29

課程大綱 (Syllabus)

週次	日期	內容 (Subject/Topics)
1	101/09/10	Introduction to Case Study for Information Management
2	101/09/17	Information Systems in Global Business: 1. UPS, 2. The National Bank of Kuwait (Chap. 1)
3	101/09/24	Global E-Business and Collaboration: NTUC Income (Chap. 2)
4	101/10/01	Information Systems, Organization, and Strategy: Soundbuzz (Chap. 3)
5	101/10/08	IT Infrastructure and Emerging Technologies: Salesforce.com (Chap. 5)
6	101/10/15	Foundations of Business Intelligence: Lego (Chap. 6)

課程大綱 (Syllabus)

週次	日期	內容 (Subject/Topics)
7	101/10/22	Telecommunications, the Internet, and Wireless Technology: Google, Apple, and Microsoft (Chap. 7)
8	101/10/29	Securing Information System: 1. Facebook, 2. European Network and Information Security Agency (ENISA) (Chap. 8)
9	101/11/05	Midterm Report (期中報告)
10	101/11/12	期中考試週
11	101/11/19	Enterprise Application: Border States Industries Inc. (BSE) (Chap. 9)
12	101/11/26	E-commerce: 1. Facebook, 2. Amazon vs. Walmart (Chap. 10)

課程大綱 (Syllabus)

週次	日期	內容 (Subject/Topics)
13	101/12/03	Knowledge Management: Tata Consulting Services (Chap. 11)
14	101/12/10	Enhancing Decision Making: CompStat (Chap. 12)
15	101/12/17	Building Information Systems: Electronic Medical Records (Chap. 13)
16	101/12/24	Managing Projects: JetBlue and WestJet (Chap. 14)
17	101/12/31	Final Report (期末報告)
18	102/01/07	期末考試週

Chap. 8

Securing Information System:

1. Facebook:

You're on Facebook? Watch out!

2. Information Security Threats

and Policies in Europe:

European Network and

Information Security Agency

(ENISA)

Case Study 1:
1. Facebook:
You're on Facebook? Watch out!
(Chap. 8)

Case Study 2:

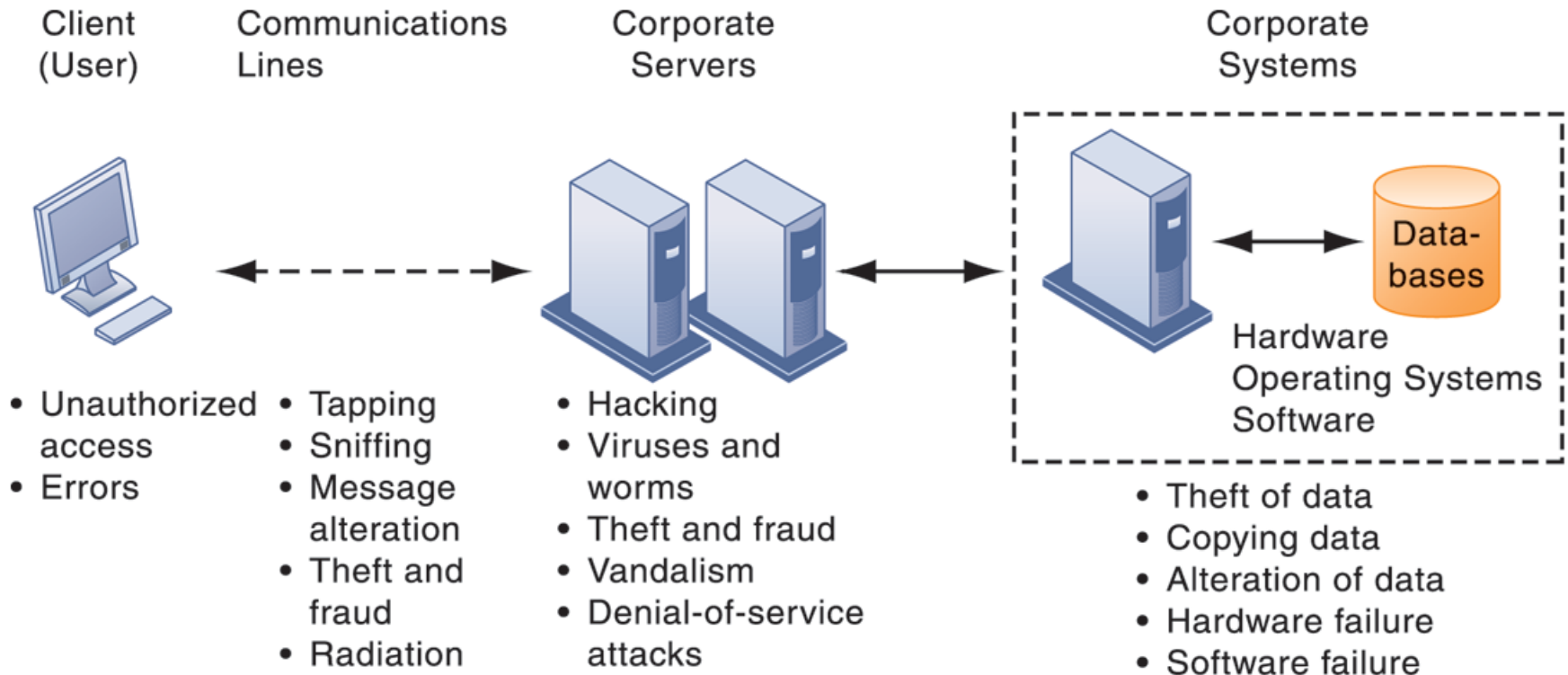
European Network and Information Security Agency (ENISA) : Information Security Threats and Policies in Europe (Chap. 8)

1. What is a botnet?
2. Describe some of the main points of the Digital Agenda for Europe.
3. Explain how a cyber attack could be carried out.
4. Describe some of the weaknesses exploited by malware.

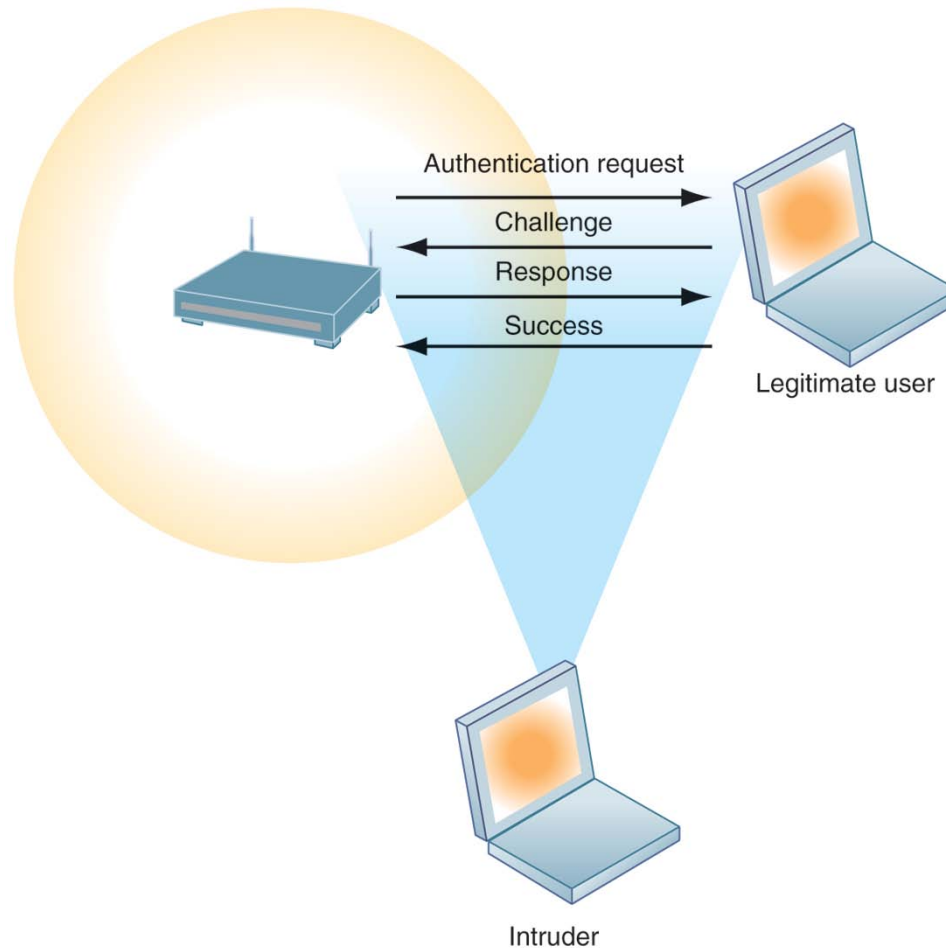
You're on Facebook? Watch Out!

- Facebook – world's largest social network
- **Problem** – Identity theft and malicious software
 - Examples:
 - 2009 18-month hacker scam for passwords, resulted in Trojan horse download that stole financial data
 - Dec 2008 Koobface worm
 - May 2010 Spam campaign aimed at stealing logins
- **Illustrates:** Types of security attacks facing consumers
- **Demonstrates:** Ubiquity of hacking, malicious software

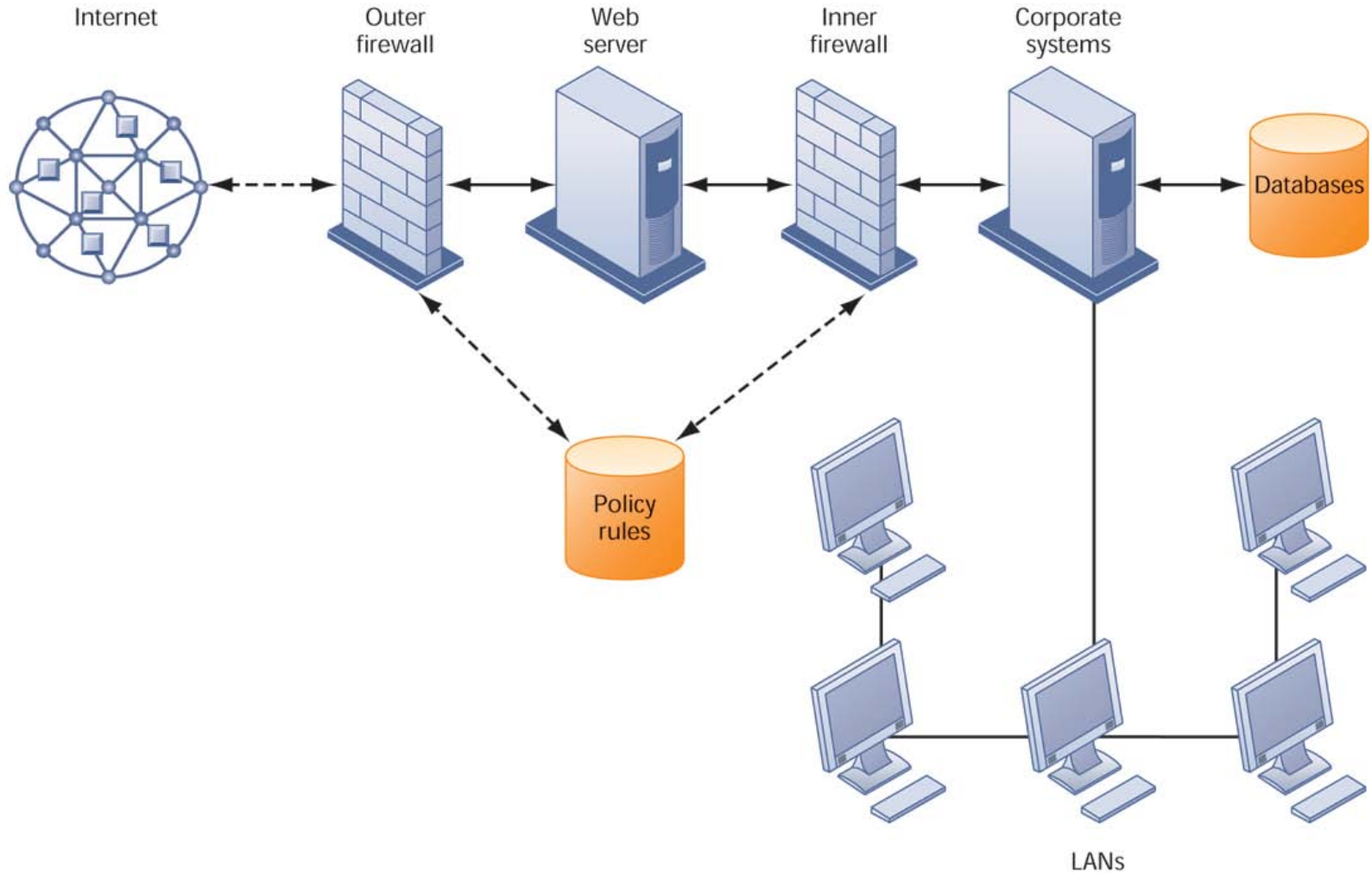
CONTEMPORARY SECURITY CHALLENGES AND VULNERABILITIES



WI-FI SECURITY CHALLENGES



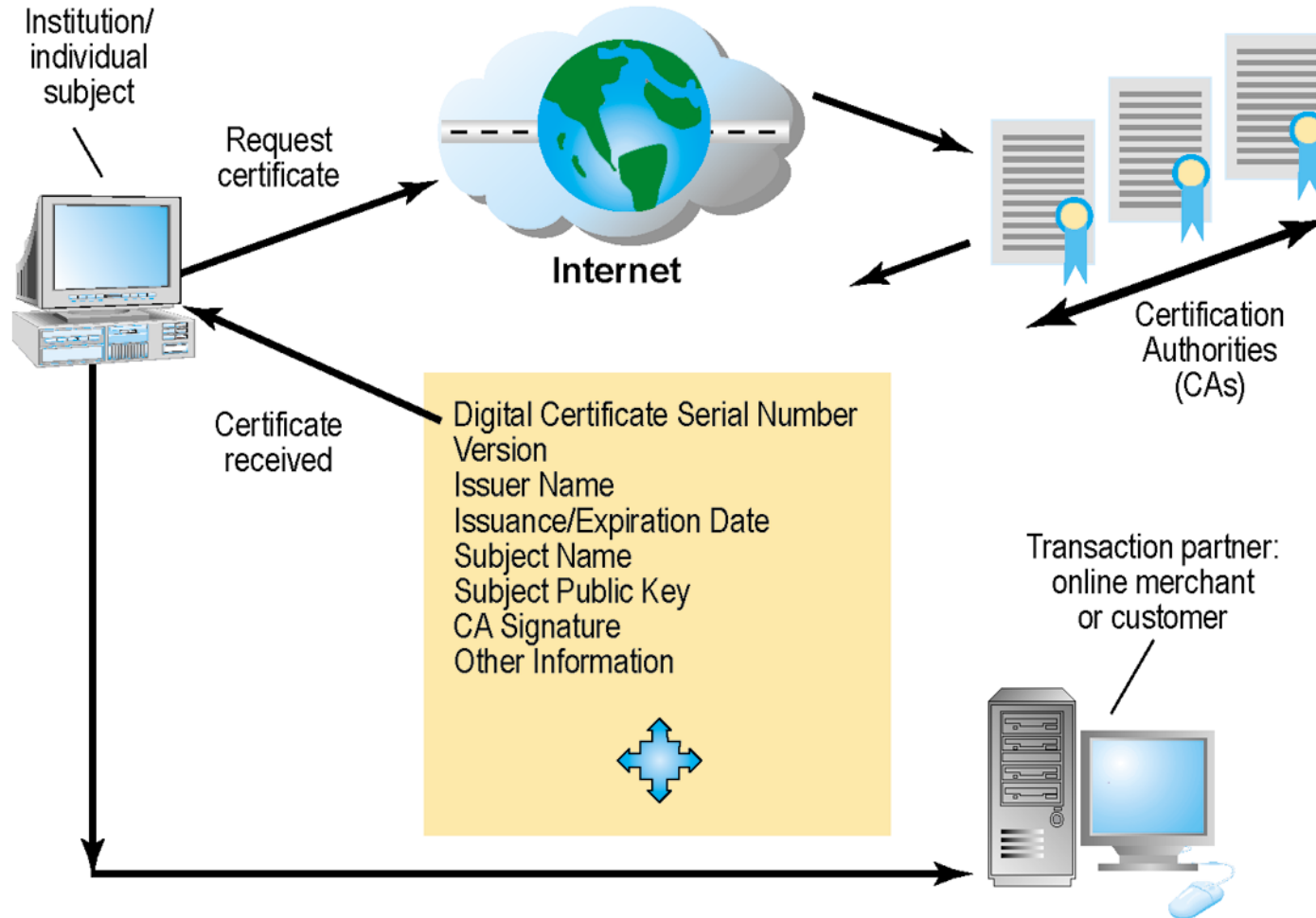
A CORPORATE FIREWALL



PUBLIC KEY ENCRYPTION



DIGITAL CERTIFICATES



資訊管理個案

(Case Study for Information Management)

1. 請同學於資訊管理個案討論前
應詳細研讀個案，並思考個案研究問題。
2. 請同學於上課前複習相關資訊管理相關
理論，以作為個案分析及擬定管理對策的
依據。
3. 請同學於上課前
先繳交個案研究問題書面報告。

References

- Kenneth C. Laudon & Jane P. Laudon (2012),
Management Information Systems: Managing the
Digital Firm, Twelfth Edition, Pearson.
- 周宣光 譯 (2011) ,
資訊管理系統－管理數位化公司 ,
第12版 , 東華書局