

LIS 385T.6 - 1.31.00

Information and Network Security

Issues & Questions

- Listserv – problems, issues

- To get archives:

Send to listproc@lists.cc.utexas.edu a message with the following in the body (no subject, no signature):

[index infosec-spr02 /lis385t6](#)

You'll get a message with the available archives

To get an archive send to listproc@lists.cc.utexas.edu

[get infosec-spr02 filename /lis385t6](#)

- Class notes

Networking Basics - Concepts

- OSI Model & TCP/IP Stack
- Encapsulation and packet structure
- Addressing
- Protocols and RFCs
- Ports and Services

Networking Basics - Hardware

- LAN specifications
- CSMA/CD
- Utilization and Design (another 80/20 example)
- NIC Cards
- Cables
- Hubs
- Switches
- Routers

Networking Basics - Software

- Clients and Servers
- Remote Access
- File Transfer
- Email
- Web Browsers
- Sniffers
- Scanners
- Back-doors, Trojans, and rootkits

Supplemental Reading

- <http://www.networkice.com/advice/Exploits/Ports/> (port table)
- <http://www.howstuffworks.com/category.htm?cat=Intrnt> (How Stuff Works – links to LAN, email, Internet, among others)
- <http://www.pcwebopedia.com/TERM/n/network.html>
(pcwebopedia - network entry - lots of info)
- <http://www.rfc-editor.org/cgi-bin/rfcsearch.pl> (RFC search engine
- try typing in topics we've discussed and see the results)

Preparation for Next Week

Readings for the week:

- *Maximum Security*: Chapters 5,6