

Introduction to Security Concepts

Introduction.....	1
Why Security?.....	4
Any Information Can Be Harmful	4
Local Workstation Computer.....	6
Servers.....	8
Exercise 1	11
Security Terminology	13
Exercise 2 - Terminology.....	17
Security Policy	19
Exercise 3 - Security Policy	23
Network Security	27
Proxy.....	27
Network Address Translation (NAT)	28
Firewalls.....	29
Sniffers.....	31
E-Mail Filters.....	32
Intrusion Detection Systems (IDS).....	33
Other Factors in Network Security	34
Complete Solutions.....	35
Large Network	35
Medium-Sized Network.....	36
Small Network	36
Very Small Network	37
Some Common Attempts.....	38
Exercise 4.....	39
Appendix A – Security Resources	41
Appendix B - Solutions to Exercises	43
Solutions to Exercise 1.....	43
Solutions to Exercise 2 –Terminology.....	46