

This homework is due 12/5/06. You may work in groups, but the points will be split up between the members.

- Please use a word processor for your solutions and submit your solutions to the TA gmuisa666@gmail.com with “ISA 666 Extra Credit” as the subject in your email as well as bring a hard copy of this assignment with you to class.
- Include your names and G-numbers at the beginning of this submission.

Introduction

This extra credit can be used towards any of your homeworks. You get 4 points for each product you compare, with a maximum of 100 for each of your homeworks. So for example, if your grade was a 95 on Homework #2, and 85 on Homework #1, then you should compare at least 5 products to get 20 points.

For each product you choose, you should have at least 1 single spaced page using Times New Roman font 12. If you compare 5 products, you should have at least 5 pages. The margins should be set to .8 from each side (top, bottom, right, left). You must compare a minimum of 2 products, there is no maximum.

Scenario

You are a computer consultant that was just hired by a company called “X-COM” to help them choose the best product to scan their systems/network for vulnerabilities. Here is a list that they provide you with:

	Product Name
1	Acunetix web scanner
2	Attack Tool Kit (ATK)
3	eEye - Retina
4	GFI LANguard
5	HackerShield
6	ISS Internet Scanner
7	LanSpy
8	McAfee Foundstone Enterprise
9	Nessus
10	Nikto
11	Nsauditor
12	QualysGuard
13	Rapid7's NeXpose
14	Security Administrator Tool for Analyzing Networks (SATAN)
15	Security Administrator's Integrated Network Tool (SAINT)
16	Security Auditor's Research Assistant (Sara)
17	Security Threat Avoidance Technology (STAT)
18	StillSecure's VAM
19	Talisker network vulnerability scanner

You are free to suggest other products not mentioned in this list. X-COM has 100+ Microsoft and Linux servers, serving a couple of thousand clients. They have multiple

websites connected to different types of databases. For X-COM, money is not an issue; they can purchase any product you choose.

Requirements

For each product you choose, your write up must include the following information:

1. Background information about the product, such as the year it was developed, cost, product website, is it an appliance (include pictures) or software, etc.
2. Detailed description of how the product works, what is it used for (ex. scanning database, web servers, etc), how is it updated, managed, what type of reporting does it provide, etc.
3. A detailed comparison between the products you chose. You may want to download the products and run them against the Redhat VMware image provided in Homework #2, to compare the results, ease of use, speed, reports, etc.
4. From the products you chose to compare, suggest at least 1 for X-COM to use and why chose it. You are welcome to suggest multiple products for X-COM to use/purchase, but you must justify your decision.

Extra points will be given to those that excelled, those that were creative, and those that were impressive.