

Final Pen testing Report

The “Good Shopping” company is a startup with seed money of about \$1 million dollars. The President of the company is John Master with a CIO named Peter Smith and CFO named George Pass. The company handles various merchandise and movies for sale through two websites www.goodshopping.com and www.moviescope.com. You have been hired to perform a pen test of the company’s server and provided a comprehensive report to the three officers of the company. The report must include:

- I. *Executive summary*
 - a. This should be a brief half page description of what to expect during the pen test which means what is going to be tested and why along with the level of access you are hoping to achieve on the server
- II. *Testing*
 - a. Results of performing nmap scans, vulnerability, web scans, etc. using screenshots with explanations for each scan performed and reasons why the scan is being performed. (Highly detailed)
- III. *Vulnerability analysis.*
 - a. Discussion of the vulnerabilities that are uncovered and a discussion of the severity of them. Rank them in order of severity. Mitigation steps can also be discussed here. (Highly Detailed)
- IV. *Penetration of Target (ITMS 541 required)*
 - a. How the target was penetrated and how it can be mitigated. Show screenshots and give details. (Highly detailed)
- V. *Summary & Conclusion*
 - a. The is a summation of your findings in non-technical language along with general conclusions from your findings.

Grading:

Points: ITMS 443, ITS-843 (Sections I-III, & V) **6.25 a section**

Points: ITMS 543 (Sections I-V) **5 points a section**

Note: Remember your audience for Sections I & V are executives who are necessarily as technical as you. Sections II-IV are for technical people and they will expect a high level of technical details and explanations.