

**Assignment 3: Risk Management
Emerging Topics (COMP-2242)
Due date: Feb 4th, 2011 @ 17:00**

You have been approached by a small company that makes widgets for web development. Historically they have supplied wholesalers only, but have realized that one of their wholesalers is selling their widgets on eBay. You will be “setting them up to sell on that there interweb.” Keep in mind support issues as well.

Without developing an actual plan, assess the security risks of the following scenarios:

- Hosted solution
- In-house hosting
- 3rd party provider of services (subscription service)

You will need to identify the major assets associated with each of the above scenarios, and choose what you would consider the best scenario, based on your risk assessment. Assume that risks associated with fabrication and delivery of the widgets is out of scope. Assume that there is currently a SmoothWall firewall in place.

I require the identification of 5 assets for each of the above scenarios, and a maximum of 3 identified vulnerabilities for each asset.

You don't need to develop a summary of mitigation plans at this point (tab 4 of the Excel file “Security Risk Management Tables.xls”).

Marks

Assignment will be marked of 10. Please ensure you place the assignment in the S: drive (Submissions). Submit work files separate, if desired (create your own folder if to store multiple files).

Notes

When evaluating hosting and 3rd party subscription services, you should keep in mind the unknown variables, and their potential impact. This exercise isn't about having the correct values and weights; it is about going through the exercise. Use the spreadsheet for assistance. You may use OCTAVE or not, but ensure your process is complete. Do not assume default values will apply to your example, and be prepared to justify values you assign.