

# CNT 4603: System Administration Spring 2014

## Project One

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# Project One: Overview

- **Title:** “Project One: Executive Summary on Virtualization of Server Infrastructure”
- **Points:** 20 points
- **Due Date:** **Friday January 17<sup>th</sup> by 11:59 pm (WebCourses time)**
  
- **Objective:** To gain experience preparing an executive summary and to research how virtualization may benefit an organization in terms of their server infrastructure.



# Project One: Description

- What you are going to do in this project is pretend that you are the system administrator for an organization that is attempting to determine if virtualization of its server infrastructure would be beneficial to the organization.
- This project is the precursor to a more involved project that will be a cost/benefit analysis along the same lines. You'll tackle this more complicated project after we've discussed various aspects of virtualization in class.
- In this project you will do some basic research that would provide a high-level overview of how server virtualization might benefit an organization.
- You will prepare an executive summary of your findings as the deliverable for this project.



# Project One: Description

- Normally, an executive summary summarizes a more complete accompanying report. You will not be preparing this more complete report in this case, you will only be preparing the executive summary.
- Normally, executive summaries do not include references, but in this case, I want you to cite two references that you used to substantiate the claims that you make in the executive summary.
- If you have never prepared an executive summary before, the following links might be useful:

[http://en.wikipedia.org/wiki/Executive\\_summary](http://en.wikipedia.org/wiki/Executive_summary)

<http://hbswk.hbs.edu/archive/3660.html>

<http://writing.colostate.edu/guides/documents/execsum/>



# Project One: Your Task

- Confine your research to the area of server virtualization. We are not interested at this point in network or storage virtualization issues.
- Consider the following issues in your report:
  - Consolidation ratios – what is a realistic number that the organization might expect to see. What are the variables here?
  - Define at least three potential benefits that the organization might achieve through server virtualization.
  - Define at least two potential disadvantages that the organization needs to be aware of and their potential consequences if ignored.



# Project One: Deliverables

- On or before 11:59 pm (WebCourses time) Friday January 17, 2014 submit the following via WebCourses:
  1. An executive summary of your findings with respect to virtualization of a server infrastructure, citing two sources that will substantiate your conclusions. Limit the length of your executive summary to a maximum of 3 pages.

