



COMP 3134

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## Introduction to Cyber Security

### Objective:

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Information gathering using active and passive scanning techniques.

### Instructions:

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Create as many files as needed to complete the tasks below.

Please use previous lab exercise manuals and lecture notes to complete the tasks.

If there are many ways to complete a task, choose any one way you desire.

There will be NO interaction with your GitHub repo for this assignment.

### Tasks

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The following tasks are to be completed using the approved company from the step above.

If the company approved does not match the Tasks, you will not receive marks.

Create as many files as desired (one or many)

- 1) Using a command, determine if following ports open **(2 marks)**

HTTP

HTTPS

2) Determine the following information **(3 marks)**

number of employees

CEO

CFO

President

current job postings

headquarter locations

Use

Social media website

Search engines

Forums

Press releases

People search

Job sites

3) Output the domain registration and hosting information **(2 marks)**

4) Verify that the server can communicate with another computer or network **(1 mark)**

a. Output the result

5) Determine route from your local machine to the company's network machine **(2 marks)**

i. Output the result

## Submission Guideline:

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To submit the assignment on Blackboard, please follow the Instructions below

1. Navigate to the Blackboard submission page
2. Create a zip file with all of the files you created in the Tasks section
  - a. To create a zip file, follow the instructions below (on a Windows machine)
    - i. Navigate to the folder where you have stored your files
    - ii. Select the files
    - iii. Right click to open the context menu
    - iv. Select the option: "Send to"
      1. Select the option "Compressed (zipped) file"
  - b. To create a zip file on Mac machines, follow the instructions on the URL below  
<http://osxdaily.com/2012/01/10/how-to-zip-files-in-mac-os-x/>
3. The following files will not result in a 2 mark deduction
  - a. Word documents
  - b. PDF documents
  - c. RAR files
4. Upload the Assignment and confirm that it has been uploaded by viewing the submission on Blackboard.