CS 4400 System Administration

Project 5: Serve static web content securely

Description:

Clearly <company-name> needs a solid web presence to be competitive in today's marketplace. Your task is to set up a web server to serve _static_ web content over a secure connection. In particular, when I visit 'www.<company-name>', I should be redirected to a secure connection using HTTPS which should display a webpage containing your company's name and the crappiest 'Under Construction' GIF you can find.

You should submit to me in a Google doc:

- A short description of what software you used for the web server and why you chose it
- A summary of the steps you took to configure the web server
- Any configuration files that you had to modify
- **If you don't have DNS configured**, the IP address of your web server (obviously if you have DNS configured and working, I can just visit www.<company-name>.com).

Note a self-signed certificate for HTTPS is fine for now.

Resources:

- HTTP and Web Hosting Basics: Textbook pp. 674-693
- Windows IIS (the most common Windows web server) : https://learn.microsoft.com/en-us/iis/get-started/introduction-to-iis/introduction-to-iis-architecture
- Apache (the most popular web server of all time): Textbook pp. 696-703
- While normally you would run apache on Linux, you can install it on Windows (for some reason): https://httpd.apache.org/docs/2.4/platform/windows.html