

ECSC 325 – Web Server Administration

Spring 2025 – Section 200

Assignment 8 – 50 points

Log on to your virtual machine as root using an SSH session and perform the following tasks:

Install the Ultra-Modern website template in folder /var/www/web/ on the virtual host <http://1##.ultrastuff.net>. (5 points)

- Template: http://jpatalon.cs.edinboro.edu/ecsc325/classfiles/ultra_modern.zip

Install a WordPress website in folder /var/www/wordpress/ on virtual host <http://31##.ultrastuff.net>. (9 points)

- WordPress source: <https://wordpress.org/latest.tar.gz>

Install the EPEL Repo and the package phpMyAdmin, accessible on your FQDN and IP addresses, allowing access from any IP. (9 points)

- FQDN: <http://ecsc325-1##.cs.edinboro.edu/phpmyadmin>
- IP: <http://147.64.243.1##/phpmyadmin>

Import the SQL temperature data from the source below, into a table named temp within a database named temperature with the database items listed below. Make a webpage at <http://1##.megastuff.biz/temp/temp.php> using google graphs to display the data from the database. (9 points)

- Source: http://jpatalon.cs.edinboro.edu/ecsc325/classfiles/temperature_data.sql.
- Database Info: ID MEDIUMINT NOT NULL AUTO_INCREMENT, Date DATE, Time TIME, Temperature FLOAT, Humidity FLOAT, Dewpoint FLOAT, PRIMARY KEY (ID)

Ensure that the <http://31##.megastuff.biz> site still displays the message “Hello Megastuff” (5 points)

Ensure that the FQDN and IP address default website display the PHP Info. (5 points)

- FQDN: <http://ecsc325-1##.cs.edinboro.edu>
- IP: <http://147.64.243.1##>

Make sure your system is up to date, and has recently been rebooted. (3 points)

Create a document with a copy of the exact commands you performed above with a description of the commands and their functions, and upload it in D2L to the Dropbox folder HW8. (5 points)

Download and run the check script using the following two commands (just because all tests say OK, doesn't mean everything is working properly!):

```
curl -O https://jpatalon.cs.edinboro.edu/ecsc325/classfiles/assignment8check.sh  
bash assignment8check.sh
```