

ECSC 325 – Web Server Administration

Spring 2025 – Section 200

Assignment 10 – 50 points

Update your RoundCube email account with the following settings: (1 point)

Settings → Identities

Display Name: Your first name

Email: username@###.megastuff.biz (YOUR USERNAME!!!@)

Organization: ECSC-325

Reply-To: username@###.megastuff.biz (YOUR USERNAME!!!@)

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

Edit postfix to change the below settings: (5 points)

Configuration file: /etc/postfix/main.cf

- inet_protocols = ipv4
- inet_interfaces = all
- mynetworks = 127.0.0.0/8, 147.64.242.0/23

Install the vsftpd server software, the ftp client software, and configure the vsftpd service with the following settings: (5 points)

Configuration file: /etc/vsftpd/vsftpd.conf

- anon_upload_enable=YES
- anon_root=/var/ftp
- anon_umask=022
- anonymous_enable=YES
- local_umask=027

Create the anonymous public ftp directory and upload a test file as the anonymous FTP user. (5 points)

- Folder: /var/ftp/pub
- root user ownership, ftp group ownership
- User and group with read, write, execute permissions, others with **read and execute** permissions
- Test file: /root/test.txt

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

Disable anonymous FTP access after completing the above tasks, and download the test file with your FTP user account. (5 points)

- Download source location: /var/ftp/pub/
- Download target location: /root/

Upload the test file with your FTP user account to your user directory. (5 points)

- Upload source location: /root/
- Download target location: /home/<username>/

Add a permanent NFS mount with the default mount options, no backups, and no disk checks. (5 points)

- Source: 147.64.243.110:/share
- Destination: /share

Make sure your system is up to date, and has recently been rebooted. (2 points)

Create a document explaining what you did in this exercise, and upload it in D2L to the Dropbox folder HW10. (7 points)

Download and run the check script using the following single command:

```
bash <(curl -s https://jpatalon.cs.edinboro.edu/ecsc325/classfiles/assignment10check.sh)
```