

ECSC 325 – Web Server Administration

Spring 2025 – Section 200

Assignment 3 – 40 points

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

Change the password for the root account. (3 points)

Make sure you know what your new password is!!!

Change the password for the user account. (3 points)

Make sure you know what your new password is!!!

Install the packages s-nail, curl, wget, net-tools, and nano using the appropriate dnf command. (4 points)

Install sendmail, start sendmail, and enable sendmail to make sure it starts on boot (4 points)

Create your root ssh keys and add the `root@ecsc325-110` ssh login authorized key. (3 points)

- Use the `ssh-keygen` command to generate your keys
- Put the professors public key into your list of accepted keys ○ This key is in the classfiles folder named [root@ecsc325-110.pubkey](http://jpatalon.cs.edinboro.edu/ecsc325-110.pubkey) and at the below url:
<http://jpatalon.cs.edinboro.edu/ecsc325/classfiles/root@ecsc325-110.pubkey>

Update your virtual machine using the appropriate yum command. (3 points)

Set SELinux to permissive. (3 points)

Reboot your machine. (3 points)

Download and run the check script using the following four commands: (4 points)

```
cd /tmp
curl -O https://jpatalon.cs.edinboro.edu/ecsc325/classfiles/assignment3check.sh
chmod a+x assignment3check.sh
./assignment3check.sh
```

Create a document with a copy of the exact commands you performed above and briefly explain what each command did. Run the commands “`id root`” and “`id user`” include the results in your document as well. (10 points)

Save your file as `Lastname_Firstname_HW3` and submit your file(s) in D2L to the Assignments folder HW3.