servers-homework

Task 1

Form groups of 3 - 5. Finalize in class on Monday!

Task 2

Your Virtual Machine will be emailed, tentatively by Tuesday. Each tem member should SSH into your machine, verify you have sudo privileges, and one person designated the sysadmin should update/upgrade the machine. Stay at 14.04 LTS.

Task 3

Install Apache2 on your machine.

Task 4

Upload one of the club sites from homework #3 to your Virtual Machine and host your site on the web server you installed.

Task 5

Install a self-signed SSL certificate on your site and serve your page from HTTPS only.

Command to generate a self-signed certificate is as follows:

```
openssl req -new -x509 -sha256 -newkey rsa:2048 -nodes -keyout local.key.p
em -days 365 -out local.cert.pem
```

Command will produce two files
- local.key.pem: your private key.
- local.cert.pem: your certificate.

Install these two files.

Task 6

Send your URL of club site (Task 4) with your team's netids to gmadey@nd.edu and qzhi@nd.edu, with subject line CSE 40613 - group-number (i.e, your machine's hostname) - HW5