HTTPS Project

Objectives:

- Create a certificate authority
- Create certificates
- Install certificates in web server
- Configure web server to use HTTPS

Description:

- Configure 8 virtual hosts to have HTTPS portions to their web sites.

Requirements:

- Create 8 different ssl enabled sites (secure1, secure2, secure3, secure4, secure5, secure6, and so on ). Different DocumentRoot for each site. Make sure you have DNS entries for each.
  - secure1
  - Running on IIS, self-signed
  - secure2
  - Running on Apache, self-signed
  - secure3
  - Running on Apache, you should sign the cert from another machine of yours
  - secure4
  - Running on nginx, you should sign the cert from another machine of yours
  - secure5
  - Running on Apache, signed by https://letsencrypt.org/
  - secure6
  - Running on nginx, signed by https://letsencrypt.org/
  - secure7
  - Running on Apache, signed by someone else in the class
  - secure8
  - Running on nginx, signed by someone else in the class

Check off procedure:

This will be passed off in class. You should have your browser open to each of the websites with the certificate information viewable.