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:

• Configure your earlier created virtual hosts from projects 1, 2, and 3 to be secure. It is ok if you don’t have a score for the earlier assignments yet.
  • iscs
  • Running on IIS, self-signed
  • apachecs
  • Running on Apache, self-signed
  • nginxcs
  • Running on nginx, you should sign the cert from another machine of yours
  • apacheweb
  • Running on Apache, signed by https://letsencrypt.org/
  • nginxweb
  • Running on nginx, signed by https://letsencrypt.org/
  • Running on Apache, signed by someone else in the class
  • nginxweb
  • 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.