SSL-Simplified instructions

1. Choose a box to be your CA (CABOX)
   a) Create a private key for the CA
      • openssl genrsa -des3 -out CA.key 1024
   b) create CA certificate
      • openssl req -new -key CA.key -x509 -days 1095 -out CA.crt

2. Create a csr (from the other machine that you want to certify) (BOXTOCERT)
   a) generate the key
      • sudo openssl genrsa -des3 -out ./server.key 1024
      • sudo openssl req -new -key ./server.key -out ./new.csr

3. Sign the CSR
   a) Copy the csr to the CA machine (CABOX)(new.csr is the signing request)
   b) openssl x509 -req -days 365 -in new.csr -CA CA.crt
      -CAkey CA.key -CAcreateserial -out new.crt

4. Install the certificate
   a) copy new.crt back to the host that was requesting it. (BOXTOCERT)
   b) Configure virtual host to see the key and crt files
      NameVirtualHost 144.38.213.150:443

      <VirtualHost 144.38.213.150:443>
        ServerName secure.inmydojo.com
        DocumentRoot /var/www/secure
        SSLEngine On
        SSLCertificateFile /etc/apache2/ssl/secure.inmydojo.com.crt
        SSLCertificateKeyFile /etc/apache2/ssl/secure.inmydojo.com.key
      </VirtualHost>