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CS-305

Module Five Certificate Generation

* Why would you want to use a CA for security?
* What are the advantages of using a CA?

The benefits of using a Certificate Authority such as Let’s Encrypt are that it allows free, automated digital certificate to enable HTTPS (SSL/TLS) security protocols in website.

The advantages of using a CA are that it lowers the financial barrier and time barrier of obtaining an SSL-certificate, as you would only require a domain name, therefore making HTTPS-enabled websites more common. HTTPS is important protects important customer information by securing plaintext communication through use of an SSL certificate.

We require a trusted SSL certificate for securing our program, for the purpose of distributing our public key and identifying our server. We use keytool to generate a keystore.jks.





