**Module Five Certificate Generation Assignment**

(1) a brief written component for discussing the use and value of utilizing certificate authorities.

The Main importance and value of utilizing Certificate Authorities are to ensure secure communication across the internet, in this case, providing a pivotal role in digital security. It's vital to obtain the proper validation and approach when verifying domains across the web to ensure legitimate websites avoid un-secure browsers. Overall, utilizing certificate authorities is essential as it helps to facilitate encryption while also confirming the owners of the public keys themselves.

![Text

Description automatically generated]()(2) a screenshot of the certificate information form filled out with all fields completed

![Text

Description automatically generated]() (3) a screenshot of the printout of the server.cer file to demonstrate that the certificate has been effectively generated.

**References:**

[**What Is a Certificate Authority (CA) and What Do They Do? - Hashed Out by The SSL Store™**](https://www.thesslstore.com/blog/what-is-a-certificate-authority-ca-and-what-do-they-do/#:~:text=A%20certificate%20authority%2C%20also%20known%20as%20a%20certification,they%20play%20a%20pivotal%20role%20in%20digital%20security.)

[**https://www.globalsign.com/en/blog/certificate-authorities-who-are-they-and-what-do-they-do**](https://www.globalsign.com/en/blog/certificate-authorities-who-are-they-and-what-do-they-do)