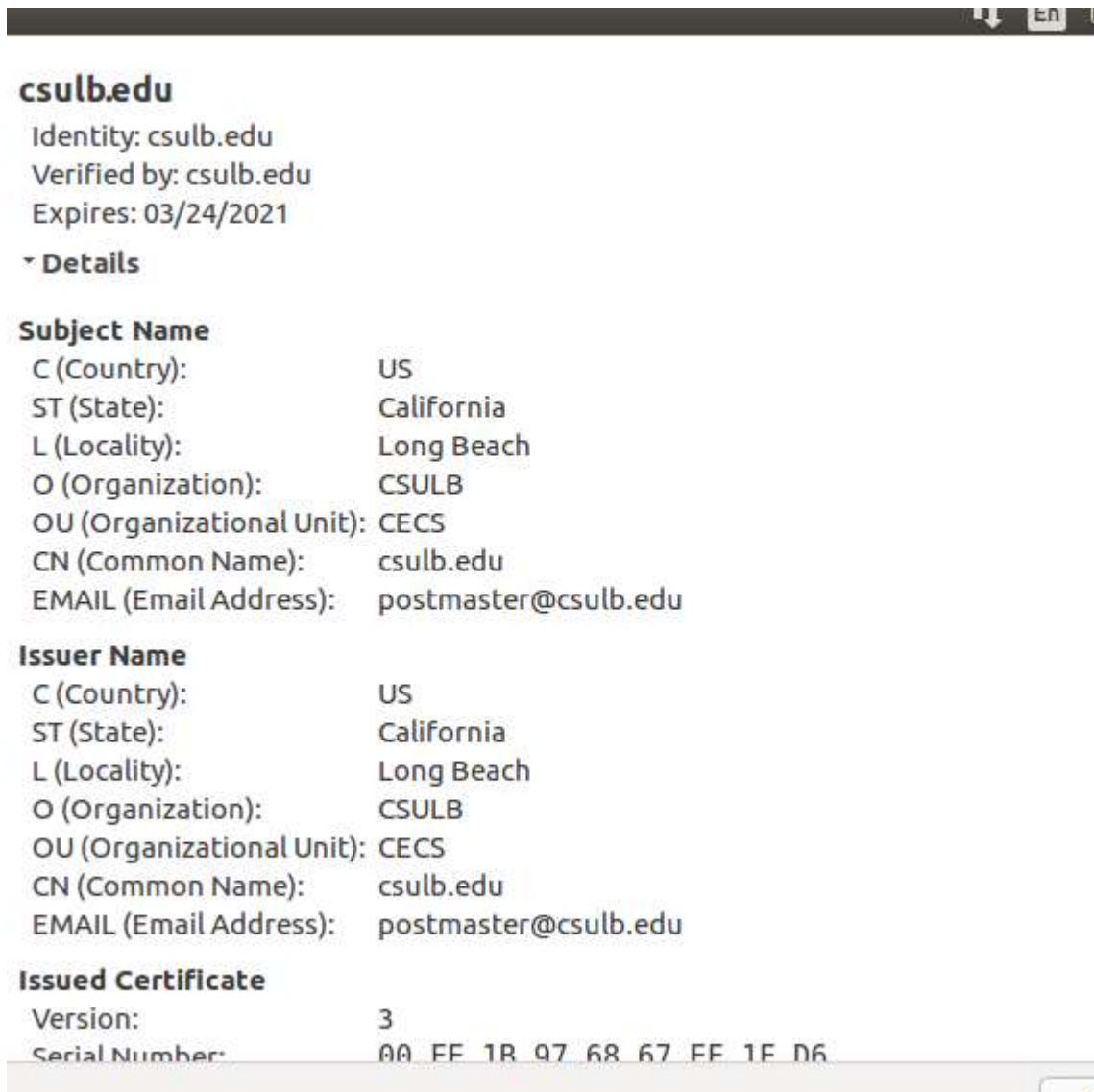


**Screen Shot 1)** Right-click on the *ca.crt* file and Open with View file. Expand the details section and take a snip (screen shot) of the contents of the file and then close the file.



**Question 1)** How long is the *ca.crt* valid? What RSA key size was used for the Public key found in *ca.crt*?

The *ca.cr* is valid for 31 days.

The key size was 2048 bits.

**Question 2)** How many bits is the private key generated in the *server.key*?

1024 bits were used.

**Question 3)** Who verified the *server.crt* certificate? How long is the *server.crt* valid?

csulb.edu verified. The certificate is valid for 365 days.

**Question 4)** Why do you think the web server failed to start when changing the certificate information but not the modulus information?

It can be the case that when a letter was modified in the certificate this caused it to create a new trust certificate.

**Question 5)** Did your browser allow you to connect to the website? Why or why not?

No, my browser did not allow me to connect to the website. It was likely the case that since the certification section was modified that it was no longer valid.

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**Question 6)** Did your browser allow you to connect to the website? Why or why not?

No, my browser did not get connected to the website because of a certificate error. The reason that this is the case is because the website is using the certificate of SEEDPLILab2020.com.

**Question 7)** How important is it to protect the private key of your CA? Explain...

It is important to protect the private key of the CA because since it is used to generate a private key for the website and the validate the server website certification.

**Question 8)** What information is being stored in the index.txt file?

Information about the certificates that were generated in the CA are stored in the index.txt file.

**Screen Shot 2)** Take a snip (screen shot) of your SEEDUbuntu1 desktop showing *all* the files and folders you created during this lab. **Hint:** Your screen shot should have 1 folder and 10 files.

CALIFORNIA STATE UNIVERSITY  
**LONG BEACH**



demoCA



ca.crt



ca.key



example.crt



example.csr



example.key



openssl.cnf



server.crt



server.csr



server.key



server.pem