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Started on	Thursday, 11 April 2024, 12:34 PM
State	Finished
Completed on	Friday, 12 April 2024, 12:13 AM
Time taken	11 hours 39 mins

Question **1**

Complete

Marked out of 0.25

In Task-1, Which is the correct file? Enter the file name with the extension.

Answer: file3.txt

Question **2**

Complete

Marked out of 0.25

In Task-1, What is the content of the correct file?

Answer: Me: I'm going to bed early tonight. Also me at 2 AM: watching conspiracy theory v

Question **3**

Complete

Marked out of 0.25

In Task-2, The confidential_file is encrypted, find out the message in the confidential_file?

Answer: Me trying to fix my life: adds 'lol' at the end of a serious text.

Question **4**

Complete

Marked out of 0.25

In Task-2, What is the command you used to decrypt the confidential_file? (store the decrypted file in confidential_file.dec)

Answer: openssl aes-256-cbc -in confidential_file.enc -out confidential_file.dec -d -kfile k

Question **5**

Complete

Marked out of 0.25

In Task-3, What is the content of the file?

Answer: Abhi maza aayega na bhidu

Question **6**

Complete

Marked out of 0.25

In Task-3, What is the command you used to decrypt the file? (store the decrypted file in confidential_file.dec)

Answer: openssl pkeyutl –decrypt –inkey confidential_file.pri –in confidential_file.enc –out c

Question **7**

Complete

Marked out of 0.25

In Task-4, What is the command you used to decrypt the symmetric key? (store it into key.dec)

NOTE here your_key is the key used by you and the key.enc is the encrypted symmetric key.

Answer: openssl pkeyutl –decrypt –inkey your_key.pri –in key.enc –out key.dec

Question **8**

Complete

Marked out of 0.50

In Task-4, What is the content in the confidential_file?

Answer: Ye kafi difficult course hai, kafi kam log kar paye hai

Question **9**

Complete

Marked out of 0.50

In Task-4, What is the command you used to decrypt the confidential file? (store it into confidential_file.dec)

Answer: openssl aes-256-cbc –in confidential_file.enc –out confidential_file.dec –d –kfile k

Question **10**

Complete

Marked out of 0.25

In Task-5, Which file is digitally verified? Name the file with extension. (for e.g. file1.enc,file2.enc.....) If there are multiple files then separate with a comma.

Note that your_key means its the key used by you and jack_key is the key used by JACK

Answer: file2.enc

Question **11**

Complete

Marked out of 0.50

In Task-5, What is the original content of the digitally verified file? If there are multiple then separate with comma

Answer: My level of sarcasm has gotten to the point where I don't even know if I'm kidding

Question **12**

Complete

Marked out of 0.50

In task-6, Which is the digitally verified file? (for eg file1.enc, file2.enc......)

Note here your_key means the key used by you and jack_key means the keys used by jack.

Answer: file4.enc

Question **13**

Complete

Marked out of 0.50

In Task-6, What is the content of the correct file?

Answer: In the symphony of life, each moment is a note, composing the melody of existenc

Question **14**

Complete

Marked out of 0.50

In Task-7, You have been given with the root certificate (root.cer) and all the relevant information to generate the entity certificate? Firstly generate the entity certificate from root and find out the Issuer email address. Note that while generating the certificate for entity you can fill anything in the country, state, organisation.... details.

Answer: hsamar@lab.com

Question **15**

Complete

Marked out of 0.50

In Task-7, What is the command you used to generate the entity certificate from the root CA. (Assume 365 days as validity days , use entity.csr for storing the entity's csr and output the entity certificate in entity.cer)

Answer: openssl x509 -req -in entity.csr -CA root.cer -CAkey root.pri -CAcreateserial -out

Question **16**

Complete

Marked out of 0.50

In task-8, What is the code word in the image??????

Answer: SHIK SHAK SHOK

◄ Lab-8 In-lab

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Take-Home Files ►