12/04/2024, 00:14 Take Home Lab-9

<u>Dashboard</u> / My courses / <u>1158 CS F303</u> / <u>Lab-9 Take-Home</u> / <u>Take Home Lab-9</u>

St	arted on	Thursday, 11 April 2024, 12:34 PM
		Finished
Completed on		Friday, 12 April 2024, 12:13 AM
Tir	ne taken	11 hours 39 mins
Question 1		
Complete		
Marked out c	of 0.25	
In Task-1	, Which is	the correct file? Enter the file name with the extension.
Answer:	file3.txt	
Question 2		
Complete	(0.05	
Marked out o	of 0.25	
In Task-1	, What is t	he content of the correct file?
Answer:	Me: I'm	going to bed early tonight. Also me at 2 AM: watching conspiracy theory v
l		
Question 3		
Complete		
Marked out o	of 0.25	
In Task-2	., The conf	fidential_file is encrypted, find out the message in the confidential_file?
Answer:	Me tryin	g to fix my life: adds 'lol' at the end of a serious text.
Question 4		
Complete		
Marked out o	of 0.25	
In Task-2	., What is t	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

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Question 5 Complete				
Marked out of	f 0.25			
In Task-3	What is the content of the file?			
Answer:	Abhi maza aayega na bhidu			
Question 6				
Complete				
Marked out o	f 0.25			
In Task-3,	. What is the command you used to decrypt the file? (store the decrypted file in confid	dential_file.dec)		
Answer:	openssl pkeyutl -decrypt -inkey confidential_file.pri -in confidential_file.enc -out c			
Question 7				
Complete Marked out of	f 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	f 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	f 0.50			
In Task-4	, What is the command you used to decrypt the confidential file? (store it into confiden	ntial_file.dec)		
Answer:	openssl aes-256-cbc -in confidential_file.enc -out confidential_file.dec -d -kfile k			

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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 10		
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Allower. Hoamlar wiab.com	Anowers	heamar@lah.com	
	Answer:	nsamar@iab.com	

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024, 00:14	Take Home Lab-9	
Question 15		
Complete		
Marked out o	f 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 o	f 0.50	
In task-8	, What is the code word in the image??????	
Answer:	SHIK SHAK SHOK	
⋖ Lab-8 lı	a-lah	
Jump to		
		Take-Home Files ▶