

## **Table of Content**

<b>Task No.</b>	<b>Tasks</b>	<b>Pg. No.</b>
1	Task 1: Becoming a Certificate Authority (CA)	1
	Task 2: Generating a Certificate Request for Your Web Server	2
	Task 3: Generating a Certificate for your server	5
	Task 4: Deploying Certificate in an Apache-Based HTTPS Website	6
	Task 5: Launching a Man-In-The-Middle Attack	7
	Task 6: Launching a Man-In-The-Middle Attack with a Compromised CA	9
2	Task 1: Deriving the Private Key	
	Task 2: Encrypting a Message	
	Task 3: Decrypting a Message	
	Task 4: Signing a Message	
	Task 5: Verifying a Signature	