	PRACTICAL NO- 1(a)
	Encrypting and decrypting data using a
1 1 1 1 1 1 1	Hacker fool
	How long does it take to discover the
-	password?
	It takes less than a second.
2.	How long does it take to discover the
	password?
	'It should take about a second
3.	How long does it take to discover
	the pass word?
· ->	Answer will vary depending on platform and actual password used but it
	and actual password used but it
-	Should about a second or two.
4.	How long do you think it would take
	fcrackzip to discover a 6- character
	password?
<u>→</u>	Answer will vary
5.	How does long it take fcrackzijo to dis-
THE PARTY	cover the password?
\rightarrow	Answer will vary depending on platform &
	Answer will vary depending on platform & actual password used but it will take
	much longer hours.

6.	How long would you recommend o password need to be for it to be
	Secure?
\rightarrow	Will vary.
	PRODUCE SERVICE CONTRACTOR OF THE PRODUCE OF THE PR

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PRACTICAL NO. 1(B)

	PRACTICAL NO. 1CB)
	Encrypting and decrypting data using open SSL
1.	Did the contents of the message enc file display correctly? What does it
	look like?
	symbols are displayed. The symbols are
1.210	shown because openssi has generated
	a binary file
2	1s message.enc displayed correctly now?
\rightarrow	explain. Yes While message, enc is encrypted it is
	been converted from binary to text and
	encoded with Base 64.
3.	can you think of a benefit of having
9	message.enc 139se-64 encoded?
. →	The encrypted message can now be
	copied and pasted in an email message
	for example
. 4.	was the letter decrypted correctly?
-7	yes, the letter was decrypted correctly.
100000000000000000000000000000000000000	

1	
5-	The command used to decrupt also
	The command used to decrypt also contains a option. Can you explain? Because, message.enc was base 64 encoded after the encryption process took place message.enc must be base 64 decoded from before Openssi can decrypt it
→	Because, message.enc was base 64
	took place masses encryption process
	de coded from before Openiss can decrupt
	it.
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	PRACTICAL NO. 1(c)
	Hashing a text file with Opensse and
	very fying hashes.
	A PARTIE TO THE PARTIE OF THE PARTIE OF THE PARTIE OF THE PARTIES
1.	110011 (1111111111111111111111111111111
No. of Participation	calculated in item(d) ? How different?
\rightarrow	Yes. The new hash is completely different
11111111	that the previous hash
2	Do the hashes generated with sha256
The state of	sum and sha512 sum math the hashes
	generated in items (F) and (9), respectively?
	Explain?
	Yes While different tools are used, they
	use the same hashing algorithm and
	input data
2	Was the sample img downloaded without
3,	errors? Explain.
	Yes Because both hashes match, the
	hash calculated before download and the
THE PARTY	one calculated after it is correct to state
	that no errors were introduced during
	download.
Total Control	

PRACTICAL NO. 2(A)

	Examining talent and SSH in wireshark
1.	Why is SSH preferred over Telnet for
The state of the	remote connections?
->	Answers may vary.
	Similar to telnet, SSH is used to access
	and execute commands on a remote
1 2 1 2 1	system. However, SSH protocol allows users
7.335	to communicate with remote system
	securely by encrypting the communications
	This prevents any sensitive information
	such as usernames and passwords from
	being captured during the transmission.
ALC: NAME OF TAXABLE PARTY.	

PRACTICAL NO. 2(B)

	Investing an attack on a windows
	Hack
1,	Inthat was the churce ip address and
	port number and destination ipaddress
	and port number?
\rightarrow	Source: 10.0.90.215:52609
	Destination: 10.0.90.9.53
2.	What type of protocol and request or
	response was involved?
• ->	UDP. Dynamic DNS, Update and
	response
3.	What is the IDS alert and message?
->	Alert UDP & EXTERNAL - NET any - \$
	HOME-NET 53, MSg. 'FT POLICY DNS
	update from EXTERNAL net.
4	Do you think this alert was the result
	of an IDS misconfiguration or a legitmate
	suspicious communication?
\rightarrow	This alert may be the result of a misconfi-
	guration in the IDS because the DNS request
	was a Dynamic DNS update from an
	internal host to a DNs server on the
	internal network and not from an
4 4 1	external network to the internal network
1-2-1. TO	
Mark 1	

5.	What is the source and doction time
Total Control of the	What is the source and destination IP address ?
-	Source: 10.0.90.215:49204
-	Destination: 209.141.34.8:80
	THE RESERVE OF THE PARTY OF THE
1	
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- Burn Car	
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PRACTICAL NO. 2(C)

	/ /cheirene
13.73	Investigating a malware exploit
/-	What is the time of the first detected
	NIPS alert in kibana?
-	Jan 27, 2017 - 22:64:43
The Back of	
2.	What is the source 11 address in the alert?
\rightarrow	
In the last	
3)	What is the destination IP address in
	alert?
->	194.87.234.129
4.	What is the destination port in the alert?
	What server is this?
->	80, HTTP
5.	What is the classification of the alert?
->	Trojan activity
6	What is the destination , geo country
	name?
	Russia
7	What is the malwave family for this
	event?
->	Exploit_kit_RICH

The same of	
8	What is the severity of the exploit?
<u>`</u> →	What is the severity of the exploit? The signature severity is major
-	
-	

PRACTICAL NO. 3(A)

	Demonstrate the use of snort and
1	firewall Rules.
1	· 在总数图形的图片的表示。
	The RI shell opens in a terminal window
	with black text and white background
	What user is logged into that shell? What
	is the indicator of this?
	The root User. This is indicated by the
	# sign after the prompt
2	
	with the malware web server? What
	is indicator?
\rightarrow	Port 6666. The port was specified in the
	URL after the : separator
3-	Was the file completely downloaded?
<u> </u>	yes:
4.	Did the IDS generate any alerts related to the file download?
	related to the file download?
->	Yes.
5	Based on the alert shown above when
	did the download take place?
->	April 28th around 5pm for example,
are described	but the students answer will be
	different
A Patrice	

PARTIE .	
6.	Based on the alert shown above, what
	was the message recorded by the IDS
	signature "Malicious server Hit!"
7	Modicious server Hiti
- The State of the	
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PRACTICAL NO. 3(B)

	Demonstrate extract and execute from a
	PCAP.
	in the
	What are all those symbols shown in the
-	follow TCP stream window? Are they connection noise?
\rightarrow	The symbols are the contents of the
	downloaded file Because it is binary
	file wireshork does not know how to
	represent it. The displayed symbols are
	wireshark's best guess at making sense
	of the binary data while decoding it
	as text.
2.	Using the word fragments displayed by
-	wireshark's follow TCP stream window,
	can you tell what executable this really
	is?
\rightarrow	Scrolling all the way down on that
	window reveals that this is the micro-
	soft windows cmd. exe.file
3.	Why is W32. Nimda. Am. exe the only file
	Persone the company?
→ · · · · ·	Because the capture was started right before the download and stopped right
	after No, other traffic was caught while
	the capture was active
	11/6 (49/4.1 0040 0071-1.

THE RESERVE	
4.	Was the file Saved?
\rightarrow	Yes.
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PRACTICAL NO. 3(1)

	Demonstrate a practical for exploring
	MALS HOLLIC
1.	What are the spurce and destination
	In address which notwork illerate
	are there ip addresses associated ass
\rightarrow	In this example, the source is add
	is associated with the kill or the
	and the destination IP address is associa
	ted with the default gateway.
2	What are the source and destination
	ports? What is the default DNS port
	number?
>	source port number - 577729
	hostination port number is 33 wieles
	the default DNS port number
	li la companie de marie de arrive de la companie de
3.	can the DNS server do recursive queries?
\rightarrow	Yes, the DNS can handle recursive
	queries:
	· · · · · · · · · · · · · · · · · · ·
. 4	How do the results compare to nolookys
	results?
->	The results in the wireshark should be
	same as the results from nslookup in
	the command prompt or terminal
A G. VI	

PRACTICAL NO. 4(A)

Total State	Using wireshark to examine HTTP and
	HTTPS traffic
Marie II	
	list the interfaces and their IP addresses
	displayed in the ip address output
->	enposs with 10.0.2.15 and 10 with
	127.0.6.1 (answers for enposs will vary)
	The state of the s
2.	What two pieces of information are
	displayed?
\rightarrow	The uid of admin and passw of Admin
3.	What do you notice about the website URL?
\rightarrow	Answers will vary. The website is using
	HTTPs , and there is a block.
4.	What are the advantages of using HTTPs
	instead of HTTP?
->	When using HTTPs, the data payload
	of a message is encrypted and can only
	be viewed by the devices that are part
N. Taranta	of the encrypted conversation.
G. 15 1. 654	
5.	Are all websites that use HTTPs considered
2.7	trust worthy?
\rightarrow	No, because malicious websites (an utilize
	HTTPS to appear legitimate while Still
7 - 7	capturing user data and logins.

PRACTICAL NO. 4(B)

	PRACTICAL NO. 4(3)
	Exploring processes, Threads, Handles
	and windows Registry
12.2	
	What happend to the web browser window
	when the process is killed?
	The web browser window closes
2	
-	process?
	A child process PING. EXE listed under
	the cmd.exe during the ping process
3.	Dight aligh the contave process and collect
	Right click the cmd.exe process and select
ALC: NO.	Kill process. What happened to the child process conhost exe?
	The child process depends on the parent
•	process so when the parent process
1 1 11 11	stops, the child process also stops.
	3707237 1116 61 6176 7 10 10 10 10 10 10 10 10 10 10 10 10 10
4.	Examine the details of the thread. What
	type of information is available in the
	properties window?
->	Information available includes environment
	variable, security information, performance
	information and printable strings.
5.	Examine the handles. What are the handles
	pointing to?
→	The handles are pointing to files, registry

	선물 보다 있다. 이 선물이라면 하는 것이 되었다면 그 나는 것이 되었다면 하다면 하다면 하다.
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-	kaus and shounds
Name of the last	keys and threads.
	111
6	When you open the process explorer,
	what did you see?
	what did you see? The process explorer License agreement dialog box.
	dialog box.
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PRACTICAL NO. 05

	Perform a practical to attack on a my SQL
1000	Database by using PCAP file
1.	What is the version?
\longrightarrow	My.GQL 5.7.12-0
	in a second of CI
2	What would the modified command of (1
	OR 1=1 UNION SELECT NULL COLUMN_name
	FROM INFORMATION_SCHEMA.COLUMNS
	WHERE table name = # Users) do for the
	attacker?
->	The database would respond with a much
	shorter output filtered by the union
	of the word "users".
3-	Which user has the password hash off
->	of 8d353d75ae2c3966d7e0d4fcc69216b2
\rightarrow	1337
	The state of the s
4.	What is the plain-text passwords
->	Charley
5.	What is the risk of having platform use
	the SOL language?
\rightarrow	Web sites are commonly database
g. Mile. II	driven and use the SQL language The
	severity of a sol injection attack is up
	to the attack

6	Browse the internet and perform a
	several on prevent sal. injection attack
	What are 2 methods or steps that cur
	be taken to prevent sol injection attacks
\rightarrow	
	Answers will vary, but should include
	filter user input Deploy a web application
	Firewall. Disable unnessesary dayabuse
	features / capabilities monitors sol
•	statements. Use parameters with store
	procedure user parameter with dynamic
	'SQL.
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