300-215$^{Q\&As}$

Conducting Forensic Analysis and Incident Response Using Cisco Technologies for CyberOps (CBRFIR)

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QUESTION 1

What is the steganography anti-forensics technique?

A. hiding a section of a malicious file in unused areas of a file

B. changing the file header of a malicious file to another file type

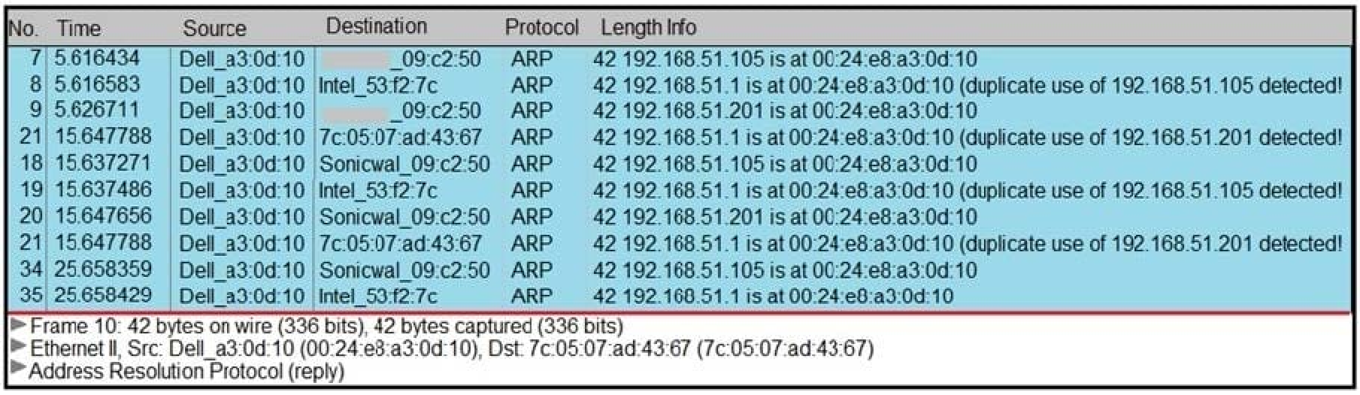
C. sending malicious files over a public network by encapsulation

D. concealing malicious files in ordinary or unsuspecting places

Correct Answer: A

https://blog.eccouncil.org/6-anti-forensic-techniques-that-every-cyber-investigator-dreads/

QUESTION 2



No.	Time	Source	Destination	Protocol	Length	Info
7	5.616434	Dell_a3:0d:10	[redacted]_09:c2:50	ARP	42	192.168.51.105 is at 00:24:e8:a3:0d:10
8	5.616583	Dell_a3:0d:10	Intel_53:f2:7c	ARP	42	192.168.51.1 is at 00:24:e8:a3:0d:10 (duplicate use of 192.168.51.105 detected!
9	5.626711	Dell_a3:0d:10	[redacted]_09:c2:50	ARP	42	192.168.51.201 is at 00:24:e8:a3:0d:10
21	15.647788	Dell_a3:0d:10	7c:05:07:ad:43:67	ARP	42	192.168.51.1 is at 00:24:e8:a3:0d:10 (duplicate use of 192.168.51.201 detected!
18	15.637271	Dell_a3:0d:10	Sonicwal_09:c2:50	ARP	42	192.168.51.105 is at 00:24:e8:a3:0d:10
19	15.637486	Dell_a3:0d:10	Intel_53:f2:7c	ARP	42	192.168.51.1 is at 00:24:e8:a3:0d:10 (duplicate use of 192.168.51.105 detected!
20	15.647656	Dell_a3:0d:10	Sonicwal_09:c2:50	ARP	42	192.168.51.201 is at 00:24:e8:a3:0d:10
21	15.647788	Dell_a3:0d:10	7c:05:07:ad:43:67	ARP	42	192.168.51.1 is at 00:24:e8:a3:0d:10 (duplicate use of 192.168.51.201 detected!
34	25.658359	Dell_a3:0d:10	Sonicwal_09:c2:50	ARP	42	192.168.51.105 is at 00:24:e8:a3:0d:10
35	25.658429	Dell_a3:0d:10	Intel_53:f2:7c	ARP	42	192.168.51.1 is at 00:24:e8:a3:0d:10

```
▶ Frame 10: 42 bytes on wire (336 bits), 42 bytes captured (336 bits)
▶ Ethernet II, Src: Dell_a3:0d:10 (00:24:e8:a3:0d:10), Dst: 7c:05:07:ad:43:67 (7c:05:07:ad:43:67)
▶ Address Resolution Protocol (reply)
```

Refer to the exhibit. A security analyst notices unusual connections while monitoring traffic. What is the attack vector, and which action should be taken to prevent this type of event?

A. DNS spoofing; encrypt communication protocols

B. SYN flooding, block malicious packets

C. ARP spoofing; configure port security

D. MAC flooding; assign static entries

Correct Answer: C

QUESTION 3

Over the last year, an organization\\'s HR department has accessed data from its legal department on the last day of each month to create a monthly activity report. An engineer is analyzing suspicious activity alerted by a threat intelligence platform that an authorized user in the HR department has accessed legal data daily for the last week. The engineer pulled the network data from the legal department\\'s shared folders and discovered above average-size data dumps. Which threat actor is implied from these artifacts?

A. privilege escalation

B. internal user errors

C. malicious insider

D. external exfiltration

Correct Answer: C

QUESTION 4

A security team received reports of users receiving emails linked to external or unknown URLs that are non-returnable and non-deliverable. The ISP also reported a 500% increase in the amount of ingress and egress email traffic received. After detecting the problem, the security team moves to the recovery phase in their incident response plan. Which two actions should be taken in the recovery phase of this incident? (Choose two.)

A. verify the breadth of the attack

B. collect logs

C. request packet capture

D. remove vulnerabilities

E. scan hosts with updated signatures

Correct Answer: DE

QUESTION 5

An organization recovered from a recent ransomware outbreak that resulted in significant business damage. Leadership requested a report that identifies the problems that triggered the incident and the security team\\'s approach to address these problems to prevent a reoccurrence. Which components of the incident should an engineer analyze first for this report?

A. impact and flow

B. cause and effect

C. risk and RPN

D. motive and factors

Correct Answer: D