A nuclear plant was the victim of a recent attack, and all the networks were air gapped. A subsequent investigation revealed a worm as the source of the issue. Which of the following BEST explains what happened?

A. A malicious USB was introduced by an unsuspecting employee.
B. The ICS firmware was outdated
C. A local machine has a RAT installed.
D. The HVAC was connected to the maintenance vendor.

Correct Answer: A

QUESTION 207
A company's Chief Information Security Officer (CISO) recently warned the security manager that the company's Chief Executive Officer (CEO) is planning to publish a controversial option article in a national newspaper, which may result in new cyberattacks. Which of the following would be BEST for the security manager to use in a threat mode?

A. Hacktivists
B. White-hat hackers
C. Script kiddies
D. Insider threats

Correct Answer: A
Explanation:
Hacktivists - "a person who gains unauthorized access to computer files or networks in order to further social or political ends."

QUESTION 208
A security analyst is preparing a threat for an upcoming internal penetration test. The analyst needs to identify a method for determining the tactics, techniques, and procedures of a threat against the organization's network. Which of the following will the analyst MOST likely use to accomplish the objective?

A. A table exercise
B. NST CSF
C. MTRE ATT$CK
D. OWASP

Correct Answer: C

QUESTION 209
A network technician is installing a guest wireless network at a coffee shop. When a customer purchases an Item, the password for the wireless network is printed on the recent so the customer can log in. Which of the following will the technician MOST likely configure to provide the highest level of security with the least amount of overhead?

A. WPA-EAP
B. WEP-TKIP
C. WPA-PSK
D. WPS-PIN

Correct Answer: A

QUESTION 210
Under GDPR, which of the following is MOST responsible for the protection of privacy and website user rights?

A. The data protection officer
B. The data processor
C. The data owner
D. The data controller

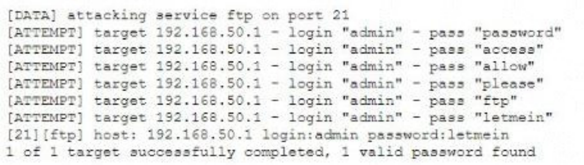
Correct Answer: C

QUESTION 211
A security analyst needs to implement an MDM solution for BYOD users that will allow the company to retain control over company emails residing on the devices and limit data exfiltration that might occur if the devices are lost or stolen. Which of the following would BEST meet these requirements? (Select TWO).

A. Full-device encryption
B. Network usage rules
C. Geofencing
D. Containerization
E. Application whitelisting
F. Remote control

Correct Answer: AB

QUESTION 212
Given the following logs:



```
[DATA] attacking service ftp on port 21
[ATTEMPT] target 192.168.50.1 - login "admin" - pass "password"
[ATTEMPT] target 192.168.50.1 - login "admin" - pass "access"
[ATTEMPT] target 192.168.50.1 - login "admin" - pass "allow"
[ATTEMPT] target 192.168.50.1 - login "admin" - pass "please"
[ATTEMPT] target 192.168.50.1 - login "admin" - pass "ftp"
[ATTEMPT] target 192.168.50.1 - login "admin" - pass "letmein"
[21][ftp] host: 192.168.50.1 login:admin password:letmein
1 of 1 target successfully completed, 1 valid password found
```

Which of the following BEST describes the type of attack that is occurring?

A. Rainbow table
B. Dictionary
C. Password spraying
D. Pass-the-hash

Correct Answer: C

QUESTION 213
An organization routes all of its traffic through a VPN Most users are remote and connect into a corporate datacenter that houses confidential information There is a firewall at the Internet border followed by a DIP appliance, the VPN server and the datacenter itself. Which of the following is the WEAKEST design element?

A. The DLP appliance should be integrated into a NGFW.
B. Split-tunnel connections can negatively impact the DLP appliance's performance
C. Encrypted VPN traffic will not be inspected when entering or leaving the network
D. Adding two hops in the VPN tunnel may slow down remote connections

Correct Answer: C

QUESTION 214
A security analyst is running a vulnerability scan to check for missing patches during a suspected security rodent During which of the following phases of the response process is this activity MOST likely occurring?

A. Containment
B. Identification
C. Recovery
D. Preparation

Correct Answer: B

QUESTION 215
A network engineer needs to create a plan for upgrading the wireless infrastructure in a large office Priority must be given to areas that are currently experiencing latency and connection issues. Which of the following would be the BEST resource for determining the order of priority?

A. Nmapn
B. Heat maps
C. Network diagrams
D. Wireshark

Correct Answer: B
Explanation:
Engineer needs to create a plan for upgrading the wireless infrastructure in a large office. Priority must be given to areas that are currently.

Site surveys and heat maps provide the following benefits: Identify trouble areas to help eliminate slows speeds and poor performance

QUESTION 216
A symmetric encryption algorithm Is BEST suited for:

A. key-exchange scalability.
B. protecting large amounts of data.
C. providing hashing capabilities,
D. implementing non-repudiation.

Correct Answer: D

QUESTION 217

A university is opening a facility in a location where there is an elevated risk of theft The university wants to protect the desktops in its classrooms and labs. Which of the following should the university use to BEST protect these assets deployed in the facility?

A. Visitor logs
B. Cable locks
C. Guards
D. Disk encryption
E. Motion detection

Correct Answer: B

QUESTION 218
An organization blocks user access to command-line interpreters but hackers still managed to invoke the interpreters using native administrative tools. Which of the following should the security team do to prevent this from Happening in the future?

A. Implement HIPS to block Inbound and outbound SMB ports 139 and 445.
B. Trigger a SIEM alert whenever the native OS tools are executed by the user
C. Disable the built-in OS utilities as long as they are not needed for functionality.
D. Configure the AV to quarantine the native OS tools whenever they are executed
Correct Answer: C

QUESTION 219
Which of the following scenarios would make a DNS sinkhole effective in thwarting an attack?

A. An attacker is sniffing traffic to port 53, and the server is managed using unencrypted usernames and passwords.
B. An organization is experiencing excessive traffic on port 53 and suspects an attacker is trying to DoS the domain name server.
C. Malware trying to resolve an unregistered domain name to determine if it is running in an isolated sandbox
D. Routing tables have been compromised, and an attacker is rerouting traffic to malicious websites

Correct Answer: D

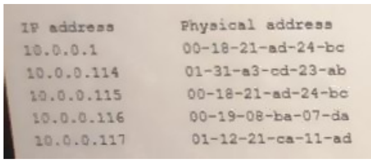
QUESTION 220
Which of the following organizational policies are MOST likely to detect fraud that is being conducted by existing employees? (Select TWO).

A. Offboarding
B. Mandatory vacation
C. Job rotation
D. Background checks
E. Separation of duties
F. Acceptable use

Correct Answer: BC

QUESTION 221
A security analyst is investigation an incident that was first reported as an issue connecting to network shares and the internet. While reviewing logs and tool output, the analyst sees the

following:



```
IP address        Physical address
10.0.0.1          00-18-21-ad-24-bc
10.0.0.114        01-31-a3-cd-23-ab
10.0.0.115        00-18-21-ad-24-bc
10.0.0.116        00-19-08-ba-07-da
10.0.0.117        01-12-21-ca-11-ad
```

Which of the following attacks has occurred?

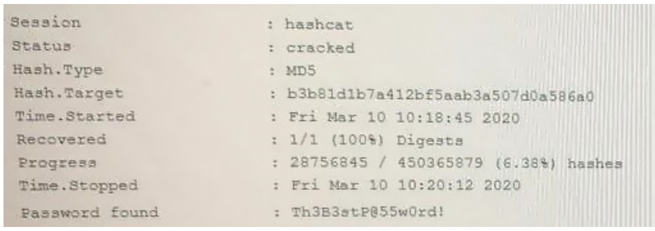
A. IP conflict
B. Pass-the-hash
C. MAC flooding
D. Directory traversal
E. ARP poisoning

Correct Answer: E
Explanation:
https://www.radware.com/security/ddos-knowledge-center/ddospedia/arp-poisoning
QUESTION 222
A security analyst needs to complete an assessment. The analyst is logged into a server and must use native tools to map services running on it to the server's listening ports. Which of the following tools can BEST accomplish this talk?

A. Netcat
B. Netstat
C. Nmap
D. Nessus

Correct Answer: B

QUESTION 223
An attacker has successfully exfiltrated several non-salted password hashes from an online system. Given the logs below:



```
Session                   : hashcat
Status                    : cracked
Hash.Type                 : MD5
Hash.Target               : b3b81d1b7a412bf5aab3a507d0a586a0
Time.Started              : Fri Mar 10 10:18:45 2020
Recovered                 : 1/1 (100%) Digests
Progress                  : 28756845 / 450365879 (6.38%) hashes
Time.Stopped              : Fri Mar 10 10:20:12 2020
Password found            : Th3B3stP@55w0rd!
```

Which of the following BEST describes the type of password attack the attacker is performing?

A. Dictionary
B. Pass-the-hash
C. Brute-force
D. Password spraying

Correct Answer: A

QUESTION 224