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Exam : **112-51**

Title : Network Defense Essentials Exam (NDE)

Version : DEMO

1.Amber is working as a team lead in an organization. She was instructed to share a policy document with all the employees working from remote locations and collect them after filling. She shared the files from her mobile device to the concerned employees through the public Internet. An unauthorized user accessed the file in transit, modified the file, and forwarded it to the remote employees.
Based on the above scenario, identify the security risk associated with mobile usage policies.
A. Lost or stolen devices
B. Infrastructure issues
C. Improperly disposing of devices
D. Sharing confidential data on an unsecured network
Answer: D

2. Barbara, a security professional, was monitoring the IoT traffic through a security solution. She identified that one of the infected devices is trying to connect with other IoT devices and spread malware onto the network. Identify the port number used by the malware to spread the infection to other IoT devices.
A. Port 25
B. Port 443
C. Port 110
D. Port 48101
Answer: D

3. Below are the various steps involved in establishing a network connection using the shared key authentication process.
1.The AP sends a challenge text to the station.
2.The station connects to the network.
3.The station encrypts the challenge text using its configured 128-bit key and sends the encrypted text to the AP.
4.The station sends an authentication frame to the AP.
5.The AP uses its configured WEP key to decrypt the encrypted text and compares it with the original challenge text.
What is the correct sequence of steps involved in establishing a network connection using the shared key authentication process?
A. 4 -- >2 -- >1 -- >3 -- >5
B. 4 -- >1 -- >3 -- >5 -- >2
C. 2 -- >4 -- >5 -- >1 -- >3
D. 4 -- >5 -- >3 -- >2 -- >1
Answer: B

4. Identify the backup mechanism that is performed within the organization using external devices such as hard disks and requires human interaction to perform the backup operations, thus, making it suspectable to theft or natural disasters.
A. Cloud data backup
B. Onsite data backup
C. Offsite data backup
D. Online data backup

Answer: B

5. Which of the following types of network traffic flow does not provide encryption in the data transfer process, and the data transfer between the sender and receiver is in plain text?
A. SSL traffic
B. HTTPS traffic
C. SSH traffic
D. FTP traffic
Answer: D