PT0-001 Q&As

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QUESTION 1

A consultant is identifying versions of Windows operating systems on a network Which of the following Nmap commands should the consultant run?

A. nmap -T4 -v -sU -iL /tmp/list.txt -Pn --script smb-system-info

B. nmap -T4 -v -iL /tmp/list .txt -Pn --script smb-os-disccvery

C. nmap -T4 -v -6 -iL /tmp/liat.txt -Pn --script smb-os-discovery -p 135-139

D. nmap -T4 -v --script smb-system-info 192.163.1.0/24

Correct Answer: B

QUESTION 2

A penetration tester is utilizing social media to gather information about employees at a company. The tester has created a list of popular words used in employee profile s. For which of the following types of attack would this information be used?

A. Exploit chaining

B. Session hijacking

C. Dictionary

D. Karma

Correct Answer: C

QUESTION 3

A company received a report with the following finding While on the internal network the penetration tester was able to successfully capture SMB broadcasted user ID and password information on the network and decode this information This allowed the penetration tester to then join their own computer to the ABC domain

Which of the following remediation\\'s are appropriate for the reported findings\\'? (Select TWO)

A. Set the Schedule Task Service from Automatic to Disabled

B. Enable network-level authentication

C. Remove the ability from Domain Users to join domain computers to the network

D. Set the netlogon service from Automatic to Disabled

E. Set up a SIEM alert to monitor Domain joined machines

F. Set "Digitally sign network communications" to Always

Correct Answer: BC

QUESTION 4

A client requests that a penetration tester emulate a help desk technician who was recently laid off. Which of the following BEST describes the abilities of the threat actor?

A. Advanced persistent threat

B. Script kiddie

C. Hacktivist

D. Organized crime

Correct Answer: B

Reference https://www.sciencedirect.com/topics/computer-science/disgruntled-employee

QUESTION 5

A penetration tester executed a vulnerability scan against a publicly accessible host and found a web server that is vulnerable to the DROWN attack. Assuming this web server is using the IP address 127.212.31.17, which of the following should the tester use to verify a false positive?

A. Openssl s_client -tls1_2 -connect 127.212.31.17:443

B. Openssl s_client -ss12 -connect 127.212.31.17:443

C. Openssl s_client -ss13 -connect 127.212.31.17:443

D. Openssl s_server -tls1_2 -connect 127.212.31.17:443

Correct Answer: A

QUESTION 6

A penetration tester has obtained access to an IP network subnet that contains ICS equipment intercommunication. Which of the following attacks is MOST likely to succeed in creating a physical effect?

A. DNS cache poisoning

B. Record and replay

C. Supervisory server SMB

D. Blind SQL injection

Correct Answer: A

QUESTION 7

A penetration tester is testing a web application and is logged in as a lower-privileged user. The tester runs arbitrary JavaScript within an application, which sends an XMLHttpRequest, resulting in exploiting features to which only an administrator should have access. Which of the following controls would BEST mitigate the vulnerability?

A. Implement authorization checks.

B. Sanitize all the user input.

C. Prevent directory traversal.

D. Add client-side security controls

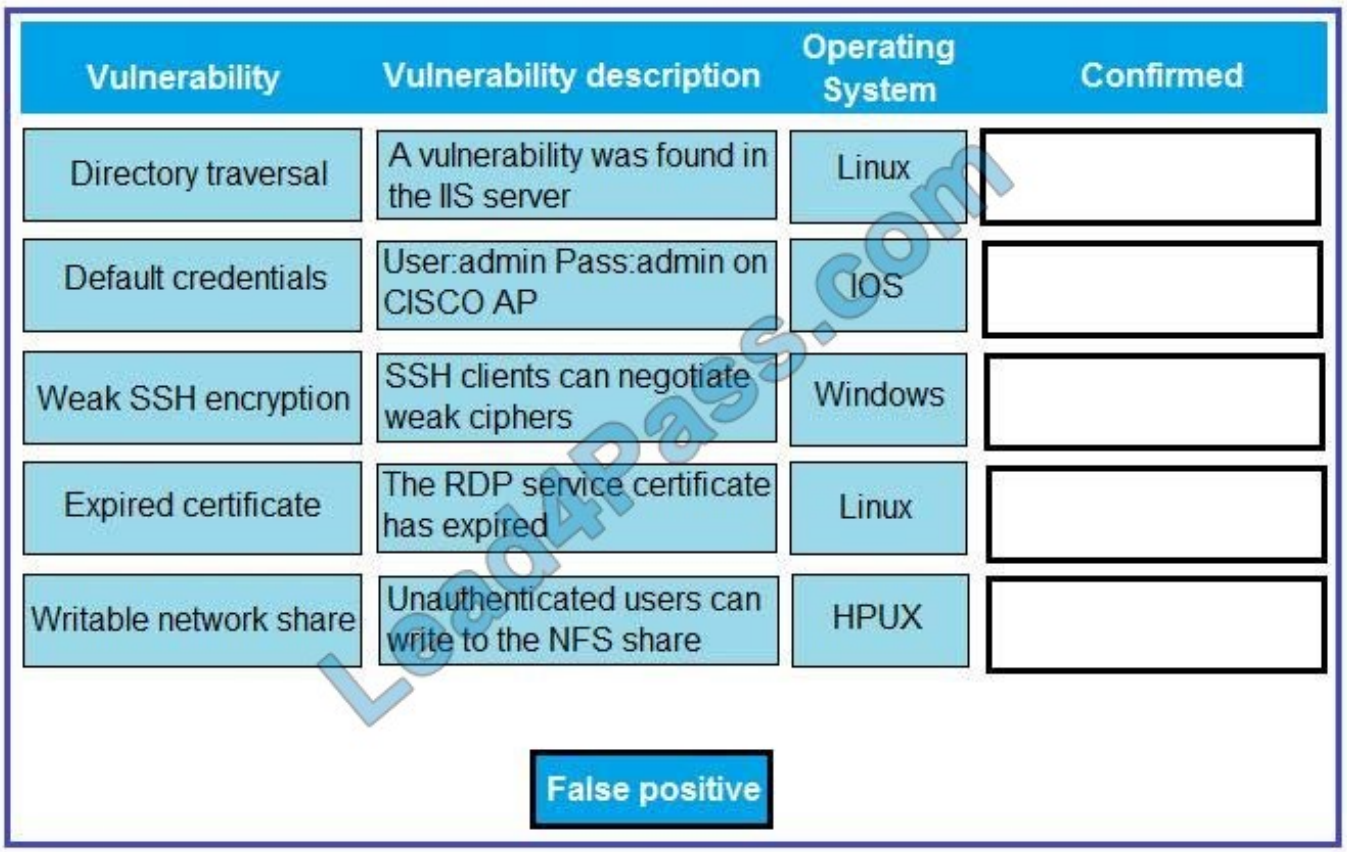
Correct Answer: A

QUESTION 8

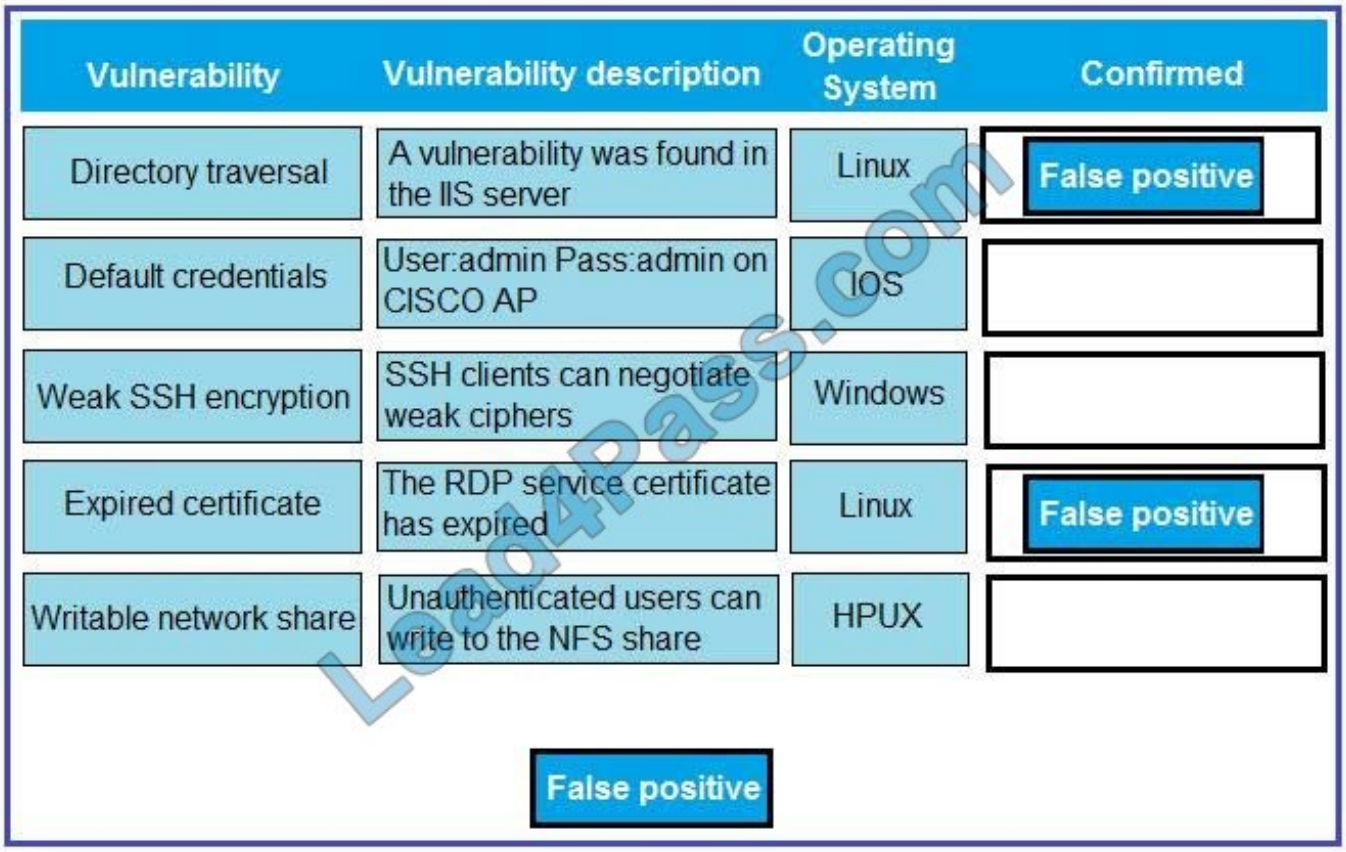
DRAG DROP

A technician is reviewing the following report. Given this information, identify which vulnerability can be definitively confirmed to be a false positive by dragging the “false positive” token to the “Confirmed” column for each vulnerability that is a false positive.

Select and Place:



Correct Answer:



QUESTION 9

Consumer-based IoT devices are often less secure than systems built for traditional desktop computers.

Which of the following BEST describes the reasoning for this?

A. Manufacturers developing IoT devices are less concerned with security.

B. It is difficult for administrators to implement the same security standards across the board.

C. IoT systems often lack the hardware power required by more secure solutions.

D. Regulatory authorities often have lower security requirements for IoT systems.

Correct Answer: A

QUESTION 10

A penetration tester is designing a phishing campaign and wants to build list of users (or the target organization. Which of the following techniques would be the MOST appropriate? (Select TWO)

A. Query an Internet WHOIS database.

B. Search posted job listings.

C. Scrape the company website.

D. Harvest users from social networking sites.

E. Socially engineer the corporate call center.

Correct Answer: CD

QUESTION 11

The following command is run on a Linux file system:

Chmod 4111 /usr/bin/sudo

Which of the following issues may be exploited now?

A. Kernel vulnerabilities

B. Sticky bits

C. Unquoted service path

D. Misconfigured sudo

Correct Answer: B

QUESTION 12

A security assessor is attempting to craft specialized XML files to test the security of the parsing functions during ingest into a Windows application. Before beginning to test the application, which of the following should the assessor request from the organization?

A. Sample SOAP messages

B. The REST API documentation

C. A protocol fuzzing utility

D. An applicable XSD file

Correct Answer: D

QUESTION 13

A company hires a penetration tester to determine if there are any vulnerabilities in its new VPN concentrator installation with an external IP of 100.170.60.5.

Which of the following commands will test if the VPN is available?

A. fpipe.exe -1 8080 -r 80 100.170.60.5

B. ike-scan -A -t 1 --sourceip=apoof_ip 100.170.60.5

C. nmap -sS -A -f 100.170.60.5

D. nc 100.170.60.5 8080 /bin/sh

Correct Answer: B

QUESTION 14

Which of the following is the MOST comprehensive type of penetration test on a network?

A. Black box

B. White box

C. Gray box

D. Red team

E. Architecture review

Correct Answer: A

Reference: https://purplesec.us/types-penetration-testing/

QUESTION 15

A system security engineer is preparing to conduct a security assessment of some new applications. The applications were provided to the engineer as a set that contains only JAR files. Which of the following would be the MOST detailed method to gather information on the inner working of these applications?

A. Launch the applications and use dynamic software analysis tools, including fuzz testing

B. Use a static code analyzer on the JAR filet to look for code Quality deficiencies

C. Decompile the applications to approximate source code and then conduct a manual review

D. Review the details and extensions of the certificate used to digitally sign the code and the application

Correct Answer: A