CAS-004 Q&As

CompTIA Advanced Security Practitioner (CASP+)

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QUESTION 1

A company\\'s finance department acquired a new payment system that exports data to an unencrypted file on the system. The company implemented controls on the file so only appropriate personnel are allowed access. Which of the following risk techniques did the department use in this situation?

A. Accept

B. Avoid

C. Transfer

D. Mitigate

Correct Answer: D

QUESTION 2

An employee decides to log into an authorized system The system does not prompt the employee for authentication prior to granting access to the console, and it cannot authenticate the network resources. Which of the following attack types can this lead to if it is not mitigated?

A. Memory leak

B. Race condition

C. Smurf

D. Deadlock

Correct Answer: C

Reference: https://www imperva com/learn/ddos/smurf-attack-ddos/

QUESTION 3

A company wants to protect its intellectual property from theft. The company has already applied ACLs and DACs. Which of the following should the company use to prevent data theft?

A. Watermarking

B. DRM

C. NDA

D. Access logging

Correct Answer: B

QUESTION 4

A cybersecunty analyst receives a ticket that indicates a potential incident is occurring. There has been a large increase in log files generated by a website containing a 'Contact Us\\' form. The analyst must determine if the increase in website traffic is due to a recent marketing campaign or if this is a potential incident.

Which of the following would BEST assist the analyst?

A. Ensuring proper input validation is configured on the 'Contact Us\\' form

B. Deploying a WAF in front of the public website

C. Checking for new rules from the inbound network IPS vendor

D. Running the website log files through a log reduction and analysis tool

Correct Answer: D

By deploying a WAF in front of a web application, a shield is placed between the web application and the Internet. While a proxy server protects a client machine\\'s identity by using an intermediary, a WAF is a type of reverse-proxy, protecting the server from exposure by having clients pass through the WAF before reaching the server

QUESTION 5

A developer implement the following code snippet.

```
catch (Exception e)
{
    if(log.isDebugEnabled())
    {
        log.debug("Caught InvalidOSNException Exception --"
        + e.toString());
    }
}
```

Which of the following vulnerabilities does the code snippet resolve?

A. SQL inject

B. Buffer overflow

C. Missing session limit

D. Information leakage

Correct Answer: D