

412-79V8^{Q&As}

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QUESTION 1

Fuzz testing or fuzzing is a software/application testing technique used to discover coding errors and security loopholes in software, operating systems, or networks by inputting massive amounts of random data, called fuzz, to the system in an attempt to make it crash.

Fuzzers work best for problems that can cause a program to crash, such as buffer overflow, cross-site scripting, denial of service attacks, format bugs, and SQL injection. Fuzzer helps to generate and submit a large number of inputs supplied to the application for testing it against the inputs. This will help us to identify the SQL inputs that generate malicious output.

Suppose a pen tester knows the underlying structure of the database used by the application (i.e., name, number of columns, etc.) that she is testing.

Which of the following fuzz testing she will perform where she can supply specific data to the application to discover vulnerabilities?

- A. Clever Fuzz Testing
- B. Dumb Fuzz Testing
- C. Complete Fuzz Testing
- D. Smart Fuzz Testing

Correct Answer: C

QUESTION 2

Amazon, an IT based company, conducts a survey on the usage of the Internet. They found that company employees spend most of the time at work surfing the web for their personal use and for inappropriate web site viewing. Management decide to block all such web sites using URL filtering software.



How can employees continue to see the blocked websites?

- A. Using session hijacking
- B. Using proxy servers
- C. Using authentication
- D. Using encryption

Correct Answer: B

QUESTION 3

Which of the following is a framework of open standards developed by the Internet Engineering Task Force (IETF) that provides secure transmission of the sensitive data over an unprotected medium, such as the Internet?

- A. DNSSEC
- B. Netsec
- C. IKE
- D. IPsec

Correct Answer: D

QUESTION 4

Vulnerability assessment is an examination of the ability of a system or application, including current security procedures and controls, to withstand assault. It recognizes, measures, and classifies security vulnerabilities in a computer system, network, and communication channels. A vulnerability assessment is used to identify weaknesses that could be exploited and predict the effectiveness of additional security measures in protecting information resources from attack.



Which of the following vulnerability assessment technique is used to test the web server infrastructure for any misconfiguration and outdated content?

- A. Passive Assessment
- B. Host-based Assessment

C. External Assessment

D. Application Assessment

Correct Answer: B

QUESTION 5

NTP protocol is used to synchronize the system clocks of computers with a remote time server or time source over a network. Which one of the following ports is used by NTP as its transport layer?

A. TCP port 152

B. UDP port 177

C. UDP port 123

D. TCP port 113

Correct Answer: C

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