



Progress report

Module

6. Identifying Security Misconfigurations and Exploiting...

Topics

- 1. Common Security Misconfigurations
- 2. Default/Weak Password Vulnerabilities
- 3. Fingerprinting Components with Known Vulnerabilities
- 4. Scanning for Bugs in WordPress and Drupal
- 5. Using Public Exploits
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QUESTION 1

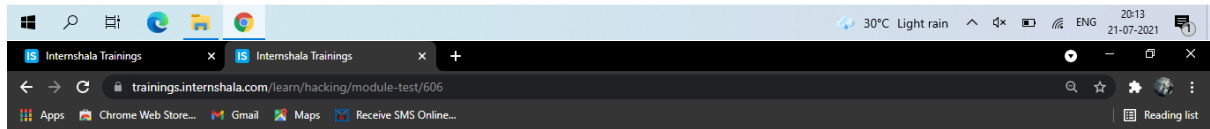
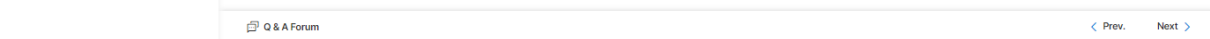
Multiple choice question (1/1 MARKS)

Vulnerabilities that occur due to the server admins keeping weak passwords on login pages and services or not changing/deleting the default accounts in applications that are created automatically during installation are known as _____ flaws.

- ☐ A. Outdated software related vulnerabilities
- ☐ B. Insecure Default configuration
- ☐ C. Insecure Direct Object Reference
- ☒ D. None of the above

That's right!

Solution



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QUESTION 2

Multiple choice question (0/1 MARKS)

A CVE ID is a unique ID given to each public exploit of a vulnerability.

- ☒ A. True
- ☒ B. False

Incorrect answer.

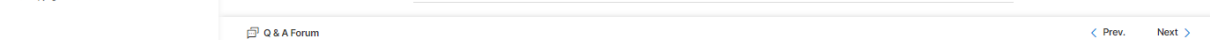
Solution

Correct answer : B

Your answer : A

Explanation

A CVE ID is a unique ID give to each public vulnerability, and not the exploit. Whenever an ethical hacker reports a vulnerability in a specific version of a product to a vendor and the vendor accepts it, it is listed on CVE platforms like cvedetails.com with a unique CVE ID. One CVE ID can have multiple exploits but each vulnerability has a unique CVE ID.



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QUESTION 3

Multiple choice question (1/1 MARKS)

Robots.txt is a file used by server admins to disallow search engines like Google, Bing, etc. to record certain pages/folders.

☒ A. True

☐ B. False

Perfect! You got this right.

Solution

Correct answer : A

Your answer : A

Explanation

Web site owners use the /robots.txt file to give instructions about their site to web robots; this is called The Robots Exclusion Protocol. Robots.txt is a file used by server admins to disallow search engines like Google, Bing, etc. to record certain pages/folders. This can contain interesting folders and files that a developer is trying to hide.

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QUESTION 4

Multiple choice question (1/1 MARKS)

HTTP headers, HTML source code, favicons and default files like readme.html are some ways to fingerprint applications.

☒ A. True

☐ B. False

Well done! Correct answer.

Solution

Correct answer : A

Your answer : A

Explanation

There are numerous ways to fingerprint applications. Some of them are fingerprinting HTTP methods, favicons, banners and titles and searching for some default files like README.html etc.



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QUESTION 5

Multiple choice question (1/1 MARKS)

In wordpress, themes are stored in which of these folders?

- ☐ A. wp-admin/themes
- ☐ B. license.txt
- ☐ C. wp-themes
- ☒ D. wp-content/themes

Well done! Correct answer.

Solution

Correct answer : D

Your answer : D

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QUESTION 6

Multiple choice question (1/1 MARKS)

Which file in PHP applications contains information about the PHP license, version and other information?

- ☐ A. default.php
- ☐ B. index.php
- ☐ C. view.php
- ☒ D. Phpinfo.php

That's right!

Solution

Correct answer : D

Your answer : D

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QUESTION 7

Multiple choice question (1/1 MARKS)

While testing for a hotel booking websites, you intercepted the request and changed the start date to 30 Apr 2019 and the end date to 28 Feb 2019. Upon forwarding the request, you got an Internal Server Error which says "Days cannot be negative" with descriptive file names and line numbers as to where the error happened on the server. Which vulnerability is this?

- ☒ A. Information disclosure due to descriptive errors
- ☐ B. Fuzzing
- ☐ C. Default misconfigurations
- ☐ D. None of the above

Excellent! Correct answer.

Solution

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QUESTION 8

Multiple choice question (1/1 MARKS)

John was able to get access to the admin panel of a website by entering the admin and password USER:USER. He found that he can execute any command on the server, so he entered cat index.php. What result can he expect once the command executes?

- ☐ A. List of all the files on the server with the name index.php
- ☐ B. Create a folder with the name "index"
- ☐ C. Shows the user of the server
- ☒ D. Print the source code of index.php

Perfect! You got this right.

Solution

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QUESTION 9

Multiple choice question (0/1 MARKS)

The Advanced Comment System Exploit 9623 has which of these types of vulnerabilities?

- ☒ A. File Inclusion
- ☐ B. Shell Upload
- ☐ C. SQL Injection
- ☐ D. Cross Site Scripting

Incorrect answer.

Solution

Correct answer : A

Your answer : B

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QUESTION 10

Multiple choice question (1/1 MARKS)

Which of the following scanner is used to scan Drupal?

- ☐ A. DroopScan
- ☐ B. Drupwn
- ☐ C. CMS scanner
- ☒ D. All of the above

Perfect! You got this right.

Solution

Correct answer : D

Your answer : D

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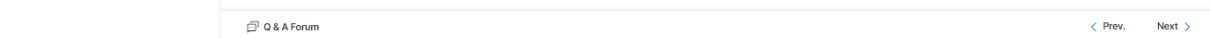
QUESTION 11

Multiple choice question (1/1 MARKS)

_____ is a type of wordpress vulnerability.

- ☐ A. Vulnerable/old version of Wordpress
- ☐ B. Vulnerable version of wordpress plugin
- ☐ C. Vulnerable version of wordpress theme
- ☐ D. Option 1 and 3
- ☒ E. All of the above

Excellent! Correct answer.



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QUESTION 12

Multiple choice question (1/1 MARKS)

Which is the best way to know how to use a python exploit downloaded from exploit-db.com?

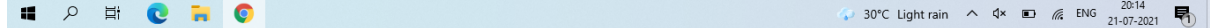
- ☐ A. By reading the source code
- ☐ B. Searching for videos on youtube
- ☒ C. Run the file: python filename.py
- ☐ D. Read the code

Bravo! Correct answer.

Solution

Correct answer : C

Your answer : C.



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QUESTION 13

Multiple choice question (1/1 MARKS)

An exploit to do SQL Injection in a wordpress plugin can be written in which of these programming languages?

- ☐ A. C
- ☐ B. SQL
- ☐ C. Python
- ☐ D. HTML/JJS
- ☒ E. All of the above

Excellent! Correct answer.

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QUESTION 14

Multiple choice question (0/1 MARKS)

Exploit-db.com is the largest database of all public vulnerabilities disclosed.

- ☒ A. True
- ☒ B. False

Incorrect answer.

Solution

Correct answer : B

Your answer : A

Explanation

Exploit-db.com is a database of exploit codes that can be used to misuse a vulnerability. CVE details on the other hand is a database of vulnerabilities.

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QUESTION 15

Multiple choice question (1/1 MARKS)

Descriptive Error Messages are error messages that contain more information than they should, leading to an attacker getting critical knowledge about the server.

☒ A. True

☐ B. False

Well done! Correct answer.

Solution

Correct answer : A

Your answer : A

Explanation

Descriptive Error Messages and Debug Messages are error messages that contain more information than they should, leading to an attacker getting critical knowledge about the server/application architecture helping him/her to plan deeper attacks. This is extremely common because by default, all applications are supposed to disclose full description in case of error so that it's easy for developers to fix them.

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