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Grades



Messages



Calendar

Cisco Cybersecurity Essentials

Started on	Tuesday, 24 October 2023, 6:49 PM
State	Finished
Completed on	Tuesday, 24 October 2023, 7:05 PM
Time taken	16 mins 27 secs
Marks	37.00/37.00
Grade	100.00 out of 100.00

Question 1

Correct

Mark 3.00 out of 3.00

What are two ways to protect a computer from malware? (Choose two.)

Select one or more:

- ☒ Keep software up to date.
- ☐ Empty the browser cache.
- ☐ Defragment the hard disk.
- ☒ Use antivirus software.
- ☐ Delete unused software.



Refer to curriculum topic: 3.1.1

At a minimum, a computer should use antivirus software and have all software up to date to defend against malware.

The correct answers are: Use antivirus software., Keep software up to date.

Question 2

Correct

Mark 2.00 out of 2.00

What type of attack targets an SQL database using the input field of a user?

Select one:

- ☒ SQL injection
- ☐ XML injection
- ☐ buffer overflow
- ☐ Cross-site scripting



Refer to curriculum topic: 3.3.3

A criminal can insert a malicious SQL statement in an entry field on a website where the system does not filter the user input correctly.

The correct answer is: SQL injection

Question 3

Correct

Mark 2.00 out of 2.00

A criminal is using software to obtain information about the computer of a user. What is the name of this type of software?

Select one:

- ☒ spyware
- ☐ phishing
- ☐ adware
- ☐ virus



Refer to curriculum topic: 3.1.2

Spyware is software that tracks the activity of a user and obtains information about that user.

The correct answer is: spyware

Question 4

Correct

Mark 2.00 out of 2.00

Which two reasons describe why WEP is a weak protocol? (Choose two.)

Select one or more:

- ☒ The key is transmitted in clear text.
Everyone on the network uses a different key.
- ☒ The key is static and repeats on a congested network.
WEP uses the same encryption features as Bluetooth.
The default settings cannot be modified.



Refer to curriculum topic: 3.3.2

The initialization vector (IV) of WEP is as follows:

- Is a 24-bit field, which is too small
- Is cleartext and readable
- Is static and causes identical key streams to repeat on a busy network

The correct answers are: The key is transmitted in clear text., The key is static and repeats on a congested network.

Question 5

Correct

Mark 2.00 out of 2.00

What is the name for the type of software that generates revenue by generating annoying pop-ups?

Select one:

- ☐ trackers
- ☐ pop-ups
- ☒ adware
- ☐ spyware



Refer to curriculum topic: 3.1.2

Adware is a type of malware that displays pop-ups on a computer to generate revenue for the creator of the malware.

The correct answer is: adware

Question 6

Correct

Mark 2.00 out of 2.00

What are two of the tactics used by a social engineer to obtain personal information from an unsuspecting target? (Choose two.)

Select one or more:

- honesty
- ✓ intimidation
- compassion
- ✓ urgency
- integrity



Refer to curriculum topic: 3.2.1

Social engineering tactics include the following:

- Authority
- Intimidation
- Consensus/Social Proof
- Scarcity
- Urgency
- Familiarity/Liking
- Trust

The correct answers are: intimidation, urgency

Question 7

Correct

Mark 2.00 out of 2.00

What does a rootkit modify?

Select one:

- ☒ operating system
- ☐ Keep software up to date.
- ☐ Delete unused software.
- ☐ Defragment the hard disk.
- ☐ programs
- ☐ Notepad
- ☐ Use antivirus software.
- ☐ Microsoft Word
- ☐ screen savers
- ☐ Empty the browser cache.



Refer to curriculum topic: 3.1.1

A rootkit commonly modifies an operating system to create a backdoor to bypass normal authentication mechanisms.

The correct answer is: operating system

Question 8

Correct

Mark 2.00 out of 2.00

What are two common indicators of spam mail? (Choose two.)

Select one or more:

- ☐ The email is from your supervisor.
- ☐ The email has keywords in it.
- ☐ The email has an attachment that is a receipt for a recent purchase.
- ☒ The email has misspelled words or punctuation errors or both.
- ☐ The email is from a friend.
- ☒ The email has no subject line.



Refer to curriculum topic: 3.1.2

Spam is a common method of advertising through the use of unsolicited email and may contain malware.

The correct answers are: The email has no subject line., The email has misspelled words or punctuation errors or both.

Question 9

Correct

Mark 2.00 out of 2.00

What is the term used when a malicious party sends a fraudulent email disguised as being from a legitimate, trusted source?

Select one:

- ☒ phishing
- ☐ vishing
- ☐ Trojan
- ☐ social engineering
- ☐ backdoor



Refer to curriculum topic: 3.1.2

Phishing is used by malicious parties who create fraudulent messages that attempt to trick a user into either sharing sensitive information or installing malware.

The correct answer is: phishing

Question 10

Correct

Mark 2.00 out of 2.00

What is the term used to describe an email that is targeting a specific person employed at a financial institution?

Select one:

- ☐ vishing
- ☐ spam
- ☐ spyware
- ☒ spear phishing
- ☐ target phishing



Refer to curriculum topic: 3.1.2

Spear phishing is a phishing attack customized to reach a specific person or target.

The correct answer is: spear phishing

Question 11

Correct

Mark 2.00 out of 2.00

What is the difference between a virus and a worm?

Select one:

- ☒ Worms self-replicate but viruses do not.
- ☐ Viruses hide in legitimate programs but worms do not.
- ☐ Viruses self-replicate but worms do not.
- ☐ Worms require a host file but viruses do not.



Refer to curriculum topic: 3.1.1

Worms are able to self-replicate and exploit vulnerabilities on computer networks without user participation.

The correct answer is: Worms self-replicate but viruses do not.

Question 12

Correct

Mark 2.00 out of 2.00

What is the meaning of the term logic bomb?

Select one:

- ☐ a malicious program that hides itself in a legitimate program
- ☐ a malicious virus
- ☐ a malicious worm
- ☒ a malicious program that uses a trigger to awaken the malicious code



Refer to curriculum topic: 3.1.1

A logic bomb remains inactive until a trigger event occurs. Once activated, a logic bomb runs malicious code that causes harm to a computer.

The correct answer is: a malicious program that uses a trigger to awaken the malicious code

Question 13

Correct

Mark 2.00 out of 2.00

Which term describes the sending of a short deceptive SMS message used to trick a target into visiting a website?

Select one:

- ☒ smishing
- ☐ spam
- ☐ grayware
- ☐ impersonation



Refer to curriculum topic: 3.3.2

Smishing is also known as SMS phishing and is used to send deceptive text messages to trick a user into calling a phone number or visiting a specific website.

The correct answer is: smishing

Question 14

Correct

Mark 2.00 out of 2.00

A computer is presenting a user with a screen requesting payment before the user data is allowed to be accessed by the same user. What type of malware is this?

Select one:

- ☒ a type of ransomware
- ☐ a type of logic bomb
- ☐ a type of worm
- ☐ a type of virus



Refer to curriculum topic: 3.1.1

Ransomware commonly encrypts data on a computer and makes the data unavailable until the computer user pays a specific sum of money.

The correct answer is: a type of ransomware

Question 15

Correct

Mark 2.00 out of 2.00

What is a vulnerability that allows criminals to inject scripts into web pages viewed by users?

Select one:

- ☐ buffer overflow
- ☒ Cross-site scripting
- ☐ SQL injection
- ☐ XML injection



Refer to curriculum topic: 3.3.3

Cross-site scripting (XSS) allows criminals to inject scripts that contain malicious code into web applications.

The correct answer is: Cross-site scripting

Question 16

Correct

Mark 2.00 out of 2.00

What occurs on a computer when data goes beyond the limits of a buffer?

Select one:

- ☐ a system exception
- ☒ a buffer overflow
- ☐ an SQL injection
- ☐ cross-site scripting



Refer to curriculum topic: 3.3.3

A buffer overflow occurs by changing data beyond the boundaries of a buffer and can lead to a system crash, data compromise, or cause escalation of privileges.

The correct answer is: a buffer overflow

Question 17

Correct

Mark 2.00 out of 2.00

An attacker is sitting in front of a store and wirelessly copies emails and contact lists from nearby unsuspecting user devices. What type of attack is this?

Select one:

- ☐ RF jamming
- ☐ bluejacking
- ☒ bluesnarfing
- ☐ smishing



Refer to curriculum topic: 3.3.2

Blusnarfing is the copying of user information through unauthorized Bluetooth transmissions.

The correct answer is: bluesnarfing

Question 18

Correct

Mark 2.00 out of 2.00

What is the name given to a program or program code that bypasses normal authentication?

Select one:

- ☐ worm
- ☐ ransomware
- ☐ virus
- ☒ backdoor
- ☐ Trojan



Refer to curriculum topic: 3.1.1

A backdoor is a program or program code implemented by a criminal to bypass the normal authentication that is used to access a system.

The correct answer is: backdoor

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