

Comptia Test C

1

★ Question 1:

Using the image provided, place the port numbers in the correct order with their associated protocols:

The diagram shows a list of port numbers on the left and a list of protocols on the right, with a large arrow pointing from the ports to the protocols. The protocols are listed in a box titled "Ports and Protocols".

Port Number	Protocol
161	SCP
22	POP3
23	SNMP
110	Telnet

© Copyright Dion Training Solutions, LLC 2018 (<https://www.diontraining.com>)

☐ 161, 22, 110, 23

☐ 22, 110, 161, 23

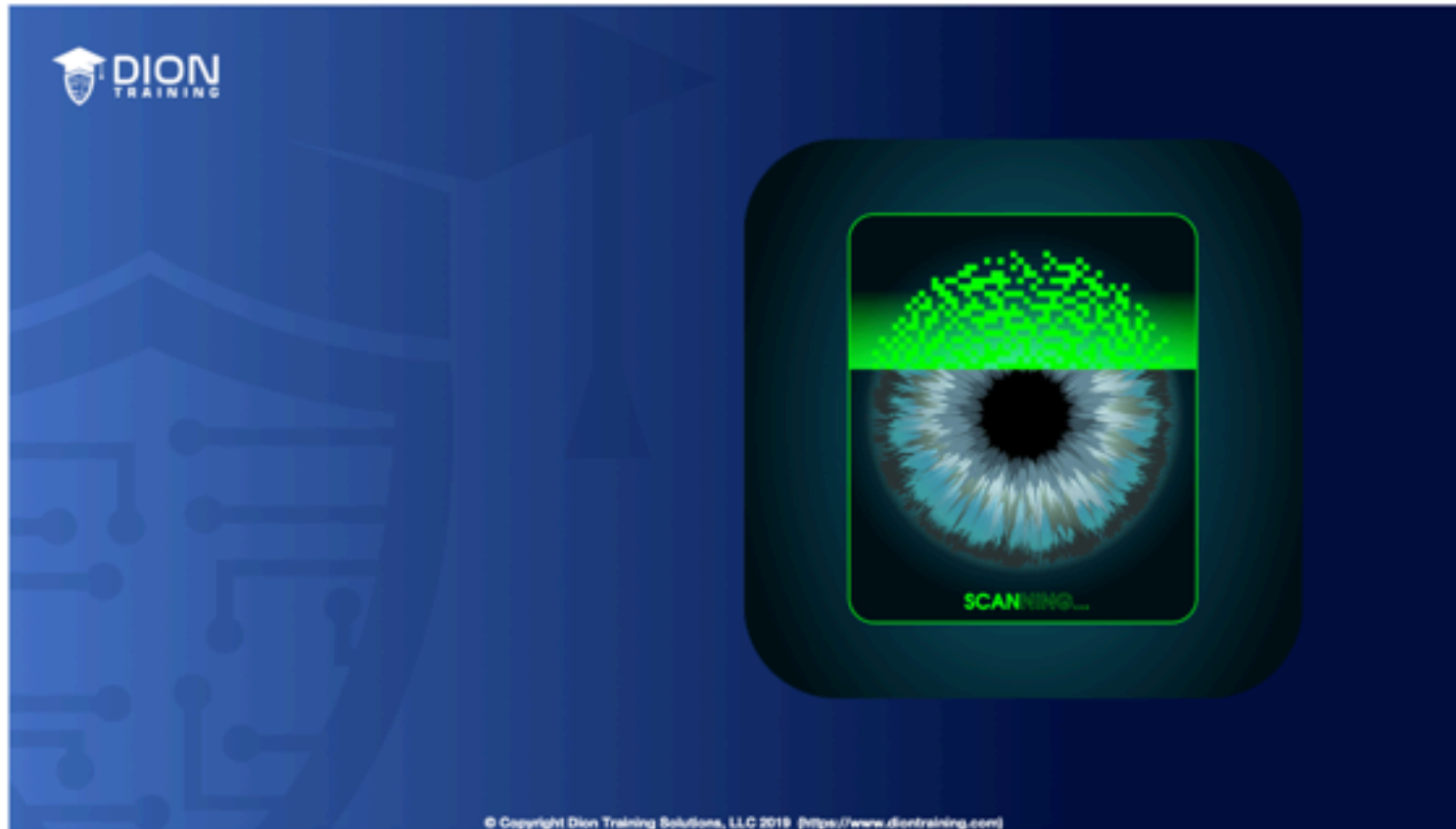
☐ 110, 161, 23, 22

☐ 23, 110, 22, 161

2

★ Question 2:

How would you appropriately categorize the authentication method being displayed here?



☐ Biometric authentication

☐ One-time password authentication

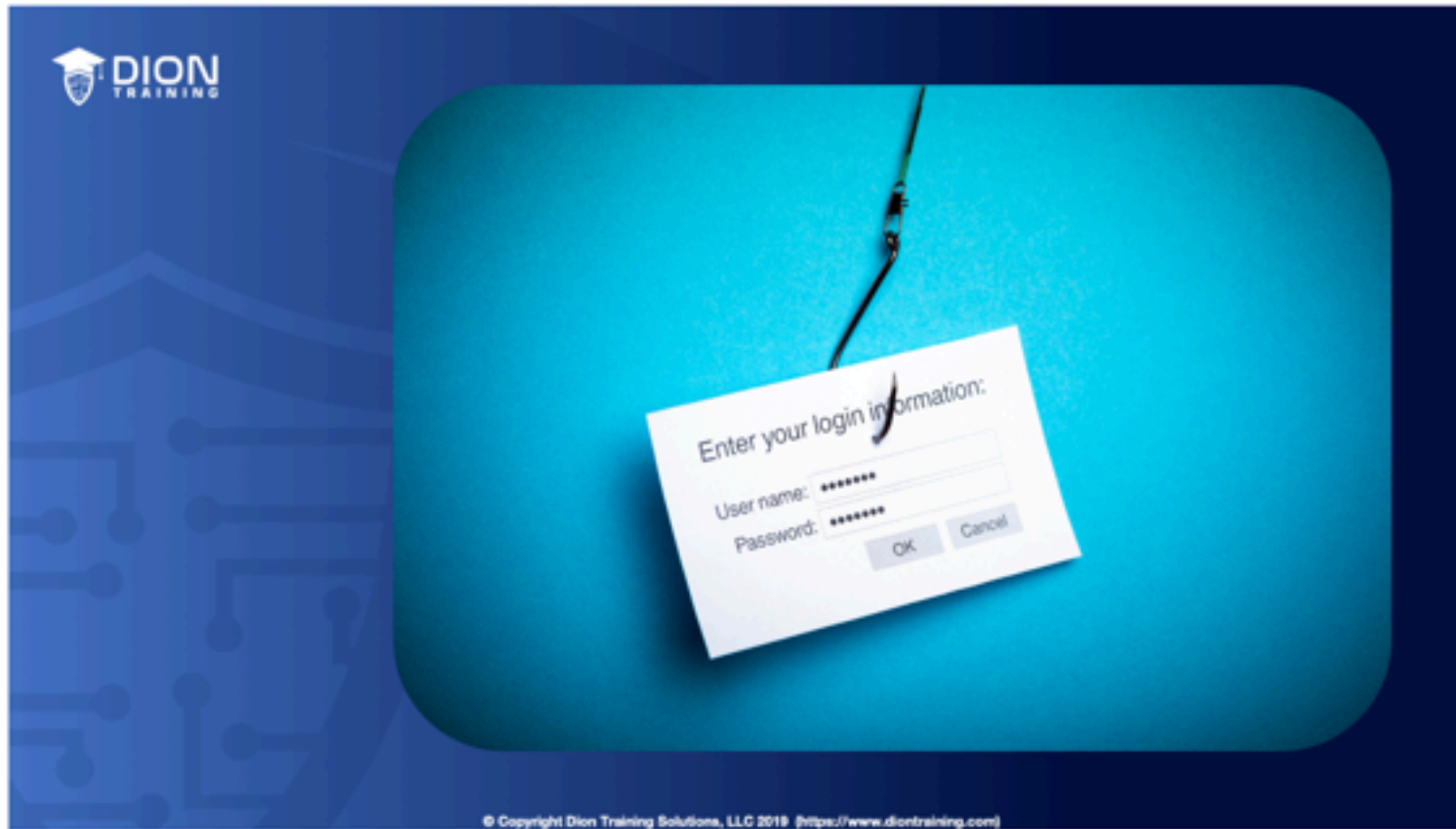
☐ Multi-factor authentication

☐ PAP authentication

3

★ Question 3:

Which of the following types of attacks occurs when an attacker attempts to gain confidential information or login credentials by sending targeted emails to a specific set of recipients within an organization?



☐ Phishing

☐ Hoax

☐ Vishing

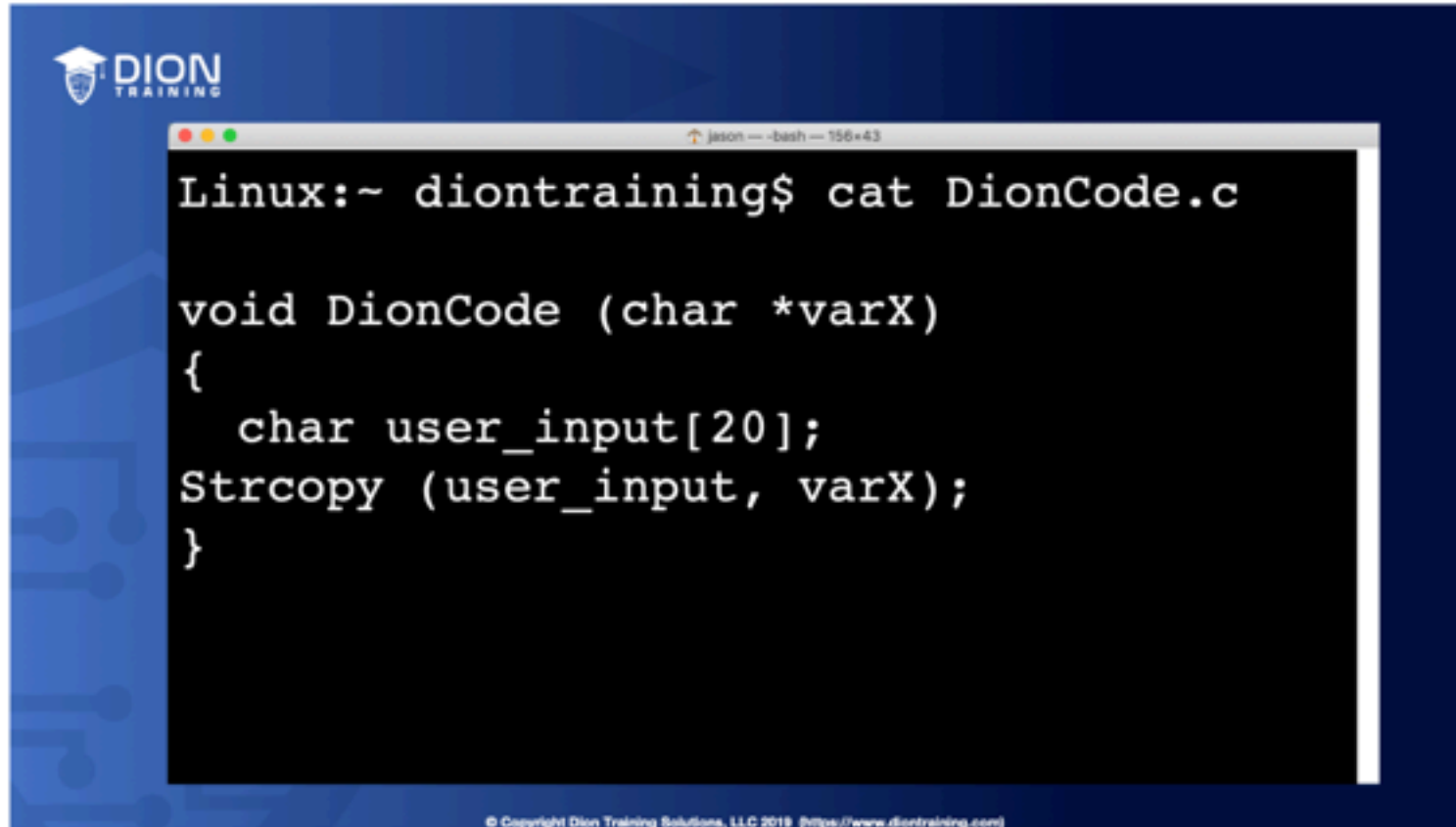
☐ Pharming

☐ Spear phishing

4

★ Question 4:

You have been asked to help conduct a white box penetration test. As part of your preparations, you have been given the source code for the organization's custom web application. Which type of vulnerability might be able to exploit the code shown in this image?



The screenshot shows a terminal window with the following content:

```
Linux:~ diontraining$ cat DionCode.c

void DionCode (char *varX)
{
    char user_input[20];
    Strcopy (user_input, varX);
}
```

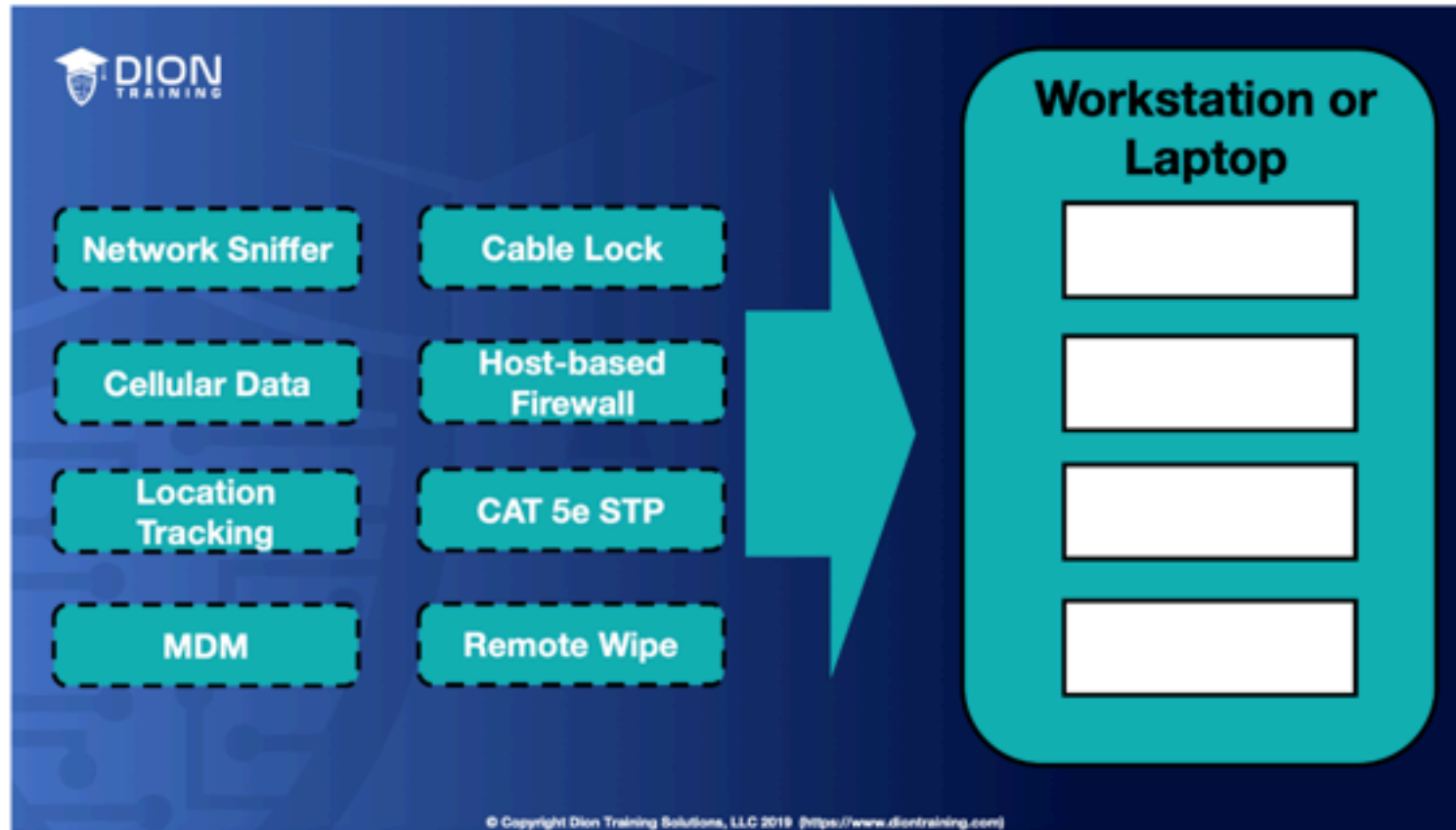
The terminal window title bar indicates the user is 'jason' in a bash shell at 156x43 resolution. The Dion Training logo is visible in the top left corner of the image.

- ☐ Buffer overflow
- ☐ SQL injection
- ☐ Remote code execution
- ☐ JavaScript injection

5

★ Question 5:

Using the image provided, select four security features that you should use with a workstation or laptop within your organization?



☐ Remote wipe, Location tracking, Host-based firewall, Cable lock

☐ Cable lock, Network sniffer, Host-based firewall, Remote wipe

☐ Host-based firewall, Network sniffer, Cable lock, CAT5e STP

☐ CAT5e STP, Location tracking, Host-based firewall, Remote wipe

6

★ Question 6:

Of the following, which provides the best examples of the drawback of symmetric key systems?

- ☐ You must use different keys for encryption/decryption
- ☐ The algorithm is more complex
- ☐ The system works much more slowly than an asymmetric system
- ☐ The key must be delivered in a secure manner

7

★ Question 7:

Shelton is the manager at one of your local branch banks. He wants to ensure all customer information isn't compromised when the employees step away from their desks for a day. What would be used to mitigate this concern?

☐ Clean desk

☐ Background checks

☐ Continuing education

☐ Job rotation

8

★ Question 8:

You've noticed that someone has been rummaging through the company's trash bins looking for documents, diagrams, and other sensitive information that's been thrown out. What is this called?

☐ Dumpster diving

☐ Trash diving

☐ Social engineering

☐ Trash engineering

9

★ Question 9:

Your company has purchased new laptops for your salespeople. Your IT department plans to dispose of the hard drives from the old computers as part of a sale. Which method would you use to properly dispose of the hard drives?

☐ Destruction

☐ Shredding

☐ Purging

☐ Formatting

10

★ Question 10:

Kevin manages the security for his company and is working to implement a kernel integrity subsystem for key servers. Of the following list, what is the primary benefit of this?

- ☐ To detect malware
- ☐ To detect whether files have been altered
- ☐ To detect rogue programs being installed
- ☐ To detect changes to user accounts

11

★ Question 11:

Penny, a saleslady in your company, sent in a request for assistance with a computer that is behaving sluggishly. You've checked but don't see any obvious malware, but you did locate a temp folder with JPEGs which are screenshots of his desktop. Of the following, which is most likely the cause?

☐ She is stealing data from the company

☐ There is a backdoor on the computer

☒ There is spyware on the system

☐ Windows needs to be updated

12

★ Question 12:

Of the following cloud service models, which service provides the consumer with the infrastructure to create and host applications?

☐ SaaS

☐ PaaS

☐ IaaS

☐ CaaS

13

★ Question 13:

While working through a malware outbreak, you discover something very odd on your company network. There's a file that has the same name as a Windows system DLL file and has the same API interface but handles the input very differently. It also looks like applications have been attaching to this file rather than the real system DLL. What best describes this?

☐ Shimming

☐ Trojan horse

☐ Backdoor

☐ Refactoring

14

★ Question 14:

Carolyn is the network administrator for a small financial services company and is responsible for controlling access to the resources on her network. Which technology is responsible for blocking access to a resource based on the requesting IP address?

☐ ACL

☐ NIPS

☐ HIPS

☒ Port blocking

15

★ Question 15:

Choose the type of attack that is based on entering fake information into a target network domain name server?

☐ DNS poisoning

☐ ARP poisoning

☐ Bluesnarfing

☐ Bluejacking

16

★ Question 16:

You are concerned about fault tolerance for the database server you manage. You need to ensure that if a single drive fails, the data can be recovered. What RAID level would be used to support this goal while simultaneously distributing parity bits?

☐ RAID 0

☒ RAID 1

☐ RAID 3

☐ RAID 5

17

★ Question 17:

Which cryptography option uses points on a curve to define public and private key pairs?

- ☐ Obfuscation
- ☐ ECC
- ☐ Stream cipher
- ☐ Block cipher

18

★ Question 18:

Of the listed principles, which is not a part of password complexity?

- ☐ Using both uppercase and lowercase letters
- ☐ Minimum password length
- ☐ Using numbers
- ☐ Using symbols (such as \$, *, &)

19

★ Question 19:

Which of the following provides an example of stream cipher?

☐ AES

☐ DES

☐ 3DES

☐ RC4

20

★ Question 20:

You currently have web developers in your company who have direct access to production servers and can deploy code to it. These actions can lead to insecure code and code flaws being deployed directly into the live environment. Currently, your company only has one server available (the production server). What is the best change that can be made to mitigate this risk?

- ☐ Implement sandboxing
- ☐ Implement virtualized servers
- ☐ Implement a staging server
- ☐ Implement deployment policies