

Quiz 1

Administrasi dan Keamanan Jaringan

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The screenshot displays the Cisco Networking Academy Network Defense course interface. The left sidebar shows the course outline with the following modules and their completion status:

- My Knowledge Check (B40) [100%]
- Course Introduction [100%]
- Module 1: Understanding Defense [100%]
- Module 2: System and Network Defense [100%]
- Module 3: Access Control [100%]
- Checkpoint Exam: Principles, Practices, and Processes of Network Defense [100%]
- Checkpoint Exam [100%]
- Module 4: Access Control Lists [100%]
- Module 5: Firewall Technologies [100%]
- Module 6: Zone-Based Policy Firewalls [100%]
- Module 7: Cloud Security [100%]
- Module 8: Cryptography [100%]
- Checkpoint Exam: Firewalls, Cryptography, and Cloud Security [100%]
- Module 9: Technologies and Protocols [100%]
- Module 10: Network Security Data [100%]

The main content area shows the 'Checkpoint Exam: Principles, Practices, and Processes of Network Defense' interface. It includes a welcome message and a list of 24 questions. The first three questions are displayed:

Question 1
Which type of business policy establishes the rules of conduct and the responsibilities of employees and employers?
data
security
employee
☒ company

Question 2
Which security management function is concerned with the inventory and control of hardware and software configurations of systems?
asset management
vulnerability management
☒ configuration management
risk management

Question 3
Which two options are security best practices that help mitigate BYOD risks? (Choose two.)
☒ Only ban on Wi-Fi when using the wireless network
Use wireless MAC address filtering
Only allow devices that have been approved by the corporate IT team
Use paint that reflects wireless signals and glass that prevents the signals from going outside the building
☒ Keep the device OS and software updated
Decrease the wireless antenna gain level

Question 4
Which security measure is typically found both inside and outside a data center facility?
exit sensors
security traps
☒ continuous video surveillance
a gate

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Isometrics access

Question 5

What device would be used as a second line of defense in a defense-in-depth approach?

internal router

switch

edge router

Correct

Question 6

Match the term to the description.

Categories:

threats

vulnerabilities

assets

Options:

weaknesses in a system or design

information or equipment valuable enough to an organization to warrant protection

potential dangers to a protected asset

Question 7

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Question 7

What is a characteristic of the security architecture, defense-in-depth approach?

Each layer has to be penetrated before the threat actor can reach the target data or system.

Threat actors can easily compromise all layers safeguarding the data or systems.

Threat actors no longer have to point away each layer before reaching the target data or system.

Threat actors can no longer penetrate any layers safeguarding the data or system.

Question 8

Which network monitoring tool is in the category of network protocol analyzers?

Wireshark

SIEM

SPAN

SNMP

Question 9

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Question 9

What is a strength of using a hashing function?

Two different files can be created that have the same output.

It is not commonly used in security.

It is a one-way function and not reversible.

It has a variable length output.

It can take only a fixed length message.

Question 10

A user is purchasing a new server for the company data center. The user wants disk striping with parity on three disks. Which RAID level should the user implement?

0

1+0

1

5

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Question 11

What is a purpose of implementing VLANs on a network?

They allow switches to forward Layer 3 packets without a router.

They prevent Layer 2 loops.

☒ They can separate user traffic.

They eliminate network collisions.

Question 12

A large retail company uses EAP-based authentication in conjunction with 802.1X. When the client first initiates communication on the wireless network, which type of authentication method is used by the client to associate with the AP?

WPA

WPA3

☒ EAP Authentication

WPA2

Question 13

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Question 13

What is an example of the implementation of physical security?

☒ requiring employees to use a card key when entering a secure area

ensuring that all operating system and antivirus software is up to date

establishing personal firewalls on each computer

encrypting all sensitive data that is stored on the servers

Question 14

Why is asset management a critical function of a growing organization against security threats?

It prevents theft of older assets that are decommissioned.

It allows for a build of a comprehensive AUR.

☒ It identifies the ever-increasing attack surface to threats.

It serves to preserve an audit trail of all new purchases.

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Question 15

A company is developing an internet store website. Which protocol should be used to transfer credit card information from customers to the company web server?

HTTP

SSH

☒ HTTPS

FTP

WPA2

Question 16

A user has created a new program and wants to distribute it to everyone in the company. The user wants to ensure that when the program is downloaded that the program is not changed while in transit. What can the user do to ensure that the program is not changed when downloaded?

Turn off antivirus on all the computers.

Encrypt the program and require a password after it is downloaded.

Distribute the program on a thumb drive.

Install the program on individual computers.

☒ Create a hash of the program file that can be used to verify the integrity of the file after it is downloaded.

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Question 17

What are three examples of administrative access controls? (Choose three.)

intrusion detection system (IDS)

☒ login practices

☒ background checks

encryption

guard dogs

☒ policies and procedures

Question 18

Which access control model applies the strictest access control and is often used in military and mission critical applications?

☒ mandatory

discretionary

attribute-based

non discretionary

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Question 19

An intern has started working in the support group. One duty is to set local policy for passwords on the workstations. What tool would be best to use?

☒ secpol.msc

password policy

account policy

system administration

gpedit.msc

Question 20

A network administrator is configuring an AAA server to manage RADIUS authentication. Which two features are included in RADIUS authentication? (Choose two.)

☒ separate processes for authentication and authorization

encryption for all communication

encryption for only the data

single process for authentication and authorization

☒ hidden passwords during transmission

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Question 21

What is privilege escalation?

Everyone is given full rights by default to everything and rights are taken away only when someone abuses privileges.

☒ Vulnerabilities in systems are exploited to grant higher levels of privilege than someone or some process should have.

Someone is given rights because she or he has received a promotion.

A security problem occurs when high ranking corporate officials demand rights to systems or files that they should not have.

Question 22

Which access control model allows users to control access to data as an owner of that data?

attribute-based access control

mandatory access control

☒ discretionary access control

non discretionary access control

Question 23

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Question 23

What is the purpose of the network security authentication function?

to keep track of the actions of a user

to require users to prove who they are

to determine which resources a user can access

to provide challenge and response questions

Question 24

Passwords, passphrases, and PINs are examples of which security term?

authentication

authorization

access

identification

You've submitted your answer!

Reset

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You've submitted your answer!

Reset

[Review Assessment](#)

96%

You've scored 96%.

Congratulations, you have passed the assessment.

Here is how you performed in each of the Learning Objectives and Skills associated with this assessment.

Module: Understanding Defense	100%
Module: System and Network Defense	100%
Module: Access Control	88.2%
Skill: Use cybersecurity concepts to document cybersecurity issues.	100%
Skill: Implement wireless network security measures.	100%
Skill: Configure security measures on network devices and Linux and Windows endpoints.	100%
Skill: Implement phases of identity lifecycle management.	88.2%