



An toan thong tin_ Nhóm 09

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Điểm	35,67/39,00
Điểm	9,15 out of 10,00 (91%)

Câu hỏi 1

Đúng

Đạt điểm 1,00 trên 1,00

During the information gathering stage of a deploying role-based access control model, which of the following information is MOST likely required?

Select one:

- ☐ a. Normal hours of business operation
- ☒ b. Matrix of job titles with required access privileges
- ☐ c. Conditional rules under which certain systems may be accessed
- ☐ d. Clearance levels of all company personnel



Your answer is correct.

The correct answer is: Matrix of job titles with required access privileges

Câu hỏi 2

Sai

Đạt điểm 0,00 trên 1,00

A penetration tester was able to obtain elevated privileges on a client workstation and multiple servers using the credentials of an employee. Which of the following controls would mitigate these issues? (Select TWO)

Select one or more:

- ☐ a. Password history
- ☐ b. Account expiration
- ☐ c. Separation of duties
- ☐ d. Least privilege
- ☒ e. Discretionary access control
- ☐ f. Time of day restrictions



Your answer is incorrect.

The correct answers are: Least privilege, Account expiration

Câu hỏi 3

Đúng

Đạt điểm 1,00 trên 1,00

Which of the following controls would allow a company to reduce the exposure of sensitive systems from unmanaged devices on internal networks?

Select one:

- ☒ a. 802.1x
- ☐ b. Password strength
- ☐ c. Data encryption
- ☐ d. BGP



Your answer is correct.

The correct answer is: 802.1x

Câu hỏi 4

Đúng

Đạt điểm 1,00 trên 1,00

What is the switch called in an 802.1x configuration?

Select one:

☒ a. Authenticator



The switch is responsible for communicating with the supplicant and sending information to the authenticating server. This device is called the authenticator

☐ b. RADIUS server

☐ c. Supplicant

☐ d. AAA server

Your answer is correct.

The correct answer is: Authenticator

Câu hỏi 5

Đúng

Đạt điểm 1,00 trên 1,00

Which of the following is the BEST reason to provide user awareness and training programs for organizational staff?

Select one:

☒ a. To reduce organizational IT risk



Ideally, a security awareness training program for the entire organization should cover the following areas:

Importance of security

Responsibilities of people in the organization

Policies and procedures

Usage policies

Account and password-selection criteria

Social engineering prevention

You can accomplish this training either by using internal staff or by hiring outside trainers. This type of training will significantly reduce the organizational IT risk.

☐ b. To ensure proper use of social media

☐ c. To train staff on zero-days

☐ d. To detail business impact analyses

Your answer is correct.

The correct answer is: To reduce organizational IT risk

Câu hỏi 6

Đúng

Đạt điểm 1,00 trên 1,00

Which of the following would allow users from outside of an organization to have access to internal resources?

Select one:

- ☐ a. VLANS
- ☒ b. VPN
- ☐ c. NAT
- ☐ d. NAC



Your answer is correct.

The correct answer is: VPN

Câu hỏi 7

Đúng

Đạt điểm 1,00 trên 1,00

After a production outage, which of the following documents contains detailed information on the order in which the system should be restored to service?

Select one:

- ☐ a. Business impact analysis
- ☒ b. Disaster recovery plan
- ☐ c. Succession planning
- ☐ d. Information security plan



A disaster-recovery plan, or scheme, helps an organization respond effectively when a disaster occurs. Disasters may include system failure, network failure, infrastructure failure, and natural disaster. The primary emphasis of such a plan is reestablishing services and minimizing losses.

Your answer is correct.

The correct answer is: Disaster recovery plan

Câu hỏi 8

Đúng

Đạt điểm 1,00 trên 1,00

Which of the following types of access control uses fences, security policies, security awareness training, and antivirus software to stop an unwanted or unauthorized activity from occurring?

Select one:

☒ a. Preventive



A preventive access control helps stop an unwanted or unauthorized activity from occurring. Detective controls discover the activity after it has occurred, and corrective controls attempt to reverse any problems caused by the activity. Authoritative isn't a valid type of access control.

☐ b. Detective

☐ c. Authoritative

☐ d. Corrective

Your answer is correct.

The correct answer is: Preventive

Câu hỏi 9

Đúng

Đạt điểm 1,00 trên 1,00

A process in which the functionality of an application is tested without any knowledge of the internal mechanisms of the application is known as:

Select one:

☒ a. Black box testing



☐ b. White box testing

☐ c. Black hat testing

☐ d. Gray box testing

Your answer is correct.

The correct answer is: Black box testing

Câu hỏi 10

Đúng

Đạt điểm 1,00 trên 1,00

A user ID and password together provide which of the following?

Select one:

- ☐ a. Identification
- ☐ b. Auditing
- ☒ c. Authentication
- ☐ d. Authorization



Your answer is correct.

The correct answer is: Authentication

Câu hỏi 11

Sai

Đạt điểm 0,00 trên 1,00

What is the end device that sends credentials for 802.1x called?

Select one:

- ☐ a. AAA server
- ☐ b. Supplicant
- ☒ c. Authenticator
- ☐ d. RADIUS server



Your answer is incorrect.

The correct answer is: Supplicant

Câu hỏi 12

Đúng

Đạt điểm 1,00 trên 1,00

The internal audit group discovered that unauthorized users are making unapproved changes to various system configuration settings. This issue occurs when previously authorized users transfer from one department to another and maintain the same credentials. Which of the following controls can be implemented to prevent such unauthorized changes in the future?

Select one:

- ☐ a. Group based privileges
- ☐ b. Periodic access review
- ☐ c. Account lockout
- ☒ d. Least privilege



Your answer is correct.

The correct answer is: Least privilege

Câu hỏi 13

Đúng

Đạt điểm 1,00 trên 1,00

Pete, a developer, writes an application. Jane, the security analyst, knows some things about the overall application but does not have all the details. Jane needs to review the software before it is released to production. Which of the following reviews should Jane conduct?

Select one:

- ☒ a. Gray Box Testing
- ☐ b. Black Box Testing
- ☐ c. White Box Testing
- ☐ d. Business Impact Analysis



Gray box testing, also called gray box analysis, is a strategy for software debugging in which the tester has limited knowledge of the internal details of the program.

Your answer is correct.

The correct answer is: Gray Box Testing

Câu hỏi 14

Đúng

Đạt điểm 1,00 trên 1,00

A company requires that a user's credentials include providing something they know and something they are in order to gain access to the network. Which of the following types of authentication is being described?

Select one:

- ☐ a. Kerberos
- ☐ b. Token
- ☐ c. Biometrics
- ☒ d. Two-factor



Two-factor authentication is when two different authentication factors are provided for authentication purposes. In this case, "something they know and something they are".

Your answer is correct.

The correct answer is: Two-factor

Câu hỏi 15

Đúng

Đạt điểm 1,00 trên 1,00

A customer has provided an email address and password to a website as part of the login process. Which of the following BEST describes the email address?

Select one:

- ☐ a. Authorization
- ☐ b. Authentication
- ☐ c. Access control
- ☒ d. Identification



Your answer is correct.

The correct answer is: Identification

Câu hỏi 16

Sai

Đạt điểm 0,00 trên 1,00

Which technology will give selective access to the network based upon authentication?

Select one:

- ☒ a. ACLs
- ☐ b. 802.1Q
- ☐ c. Firewall
- ☐ d. 802.1x



Your answer is incorrect.

The correct answer is: 802.1x

Câu hỏi 17

Đúng

Đạt điểm 1,00 trên 1,00

Which of the following would be used to allow a subset of traffic from a wireless network to an internal network?

Select one:

- ☐ a. Load balancers
- ☒ b. 802.1X
- ☐ c. Port security
- ☐ d. Access control list



Your answer is correct.

The correct answer is: 802.1X

Câu hỏi 18

Đúng

Đạt điểm 1,00 trên 1,00

Jane, the security administrator, sets up a new AP but realizes too many outsiders are able to connect to that AP and gain unauthorized access. Which of the following would be the BEST way to mitigate this issue and still provide coverage where needed? (Select TWO).

Select one or more:

- ☒ a. Disable SSID broadcast
- ☐ b. Use channels 1, 4 and 7 only
- ☒ c. Enable MAC filtering
- ☐ d. Switch from 802.11a to 802.11b
- ☐ e. Disable the wired ports



Your answer is correct.

The correct answers are: Enable MAC filtering, Disable SSID broadcast

Câu hỏi 19

Đúng

Đạt điểm 1,00 trên 1,00

Which of the following best practices makes a wireless network more difficult to find?

Select one:

- ☒ a. Disable SSID broadcast
- ☐ b. Use WPA2-PSK
- ☐ c. Power down unused WAPs
- ☐ d. Implement MAC filtering



Your answer is correct.

The correct answer is: Disable SSID broadcast

Câu hỏi 20

Đúng một phần

Đạt điểm 0,67 trên 1,00

A security administrator must implement all requirements in the following corporate policy: Passwords shall be protected against offline password brute force attacks. Passwords shall be protected against online password brute force attacks. Which of the following technical controls must be implemented to enforce the corporate policy? (Select THREE).

Select one or more:

- ☒ a. Account expiration
- ☐ b. Account lockout
- ☐ c. Screen locks
- ☒ d. Password complexity
- ☒ e. Minimum password length
- ☐ f. Minimum password lifetime

✗

✓

✓

Your answer is partially correct.

Bạn đã chọn đúng 2.

The correct answers are: Account lockout, Password complexity, Minimum password length

Câu hỏi 21

Đúng

Đạt điểm 1,00 trên 1,00

A recent online password audit has identified that stale accounts are at risk to brute force attacks. Which the following controls would best mitigate this risk?

Select one:

- ☐ a. Password length
- ☒ b. Account lockouts
- ☐ c. Account disablement
- ☐ d. Password complexity

✓

Your answer is correct.

The correct answer is: Account lockouts

Câu hỏi 22

Đúng

Đạt điểm 1,00 trên 1,00

At an organization, unauthorized users have been accessing network resources via unused network wall jacks. Which of the following would be used to stop unauthorized access?

Select one:

- ☒ a. Configure port security. ✔ Port security in IT can mean several things. It can mean the physical control of all connection points, such as RJ-45 wall jacks or device ports, so that no unauthorized users or unauthorized devices can attempt to connect into an open port. This can be accomplished by locking down the wiring closet and server vaults and then disconnecting the workstation run from the patch panel (or punch-down block) that leads to a room's wall jack. Any unneeded or unused wall jacks can (and should) be physically disabled in this manner. Another option is to use a smart patch panel that can monitor the MAC address of any device connected to each and every wall port across a building and detect not just when a new device is connected to an empty port, but also when a valid device is disconnected or replaced by an invalid device.
- ☐ b. Configure spanning tree protocol.
- ☐ c. Configure an access list.
- ☐ d. Configure loop protection.

Your answer is correct.

The correct answer is: Configure port security.

Câu hỏi 23

Đúng

Đạt điểm 1,00 trên 1,00

An auditing team has found that passwords do not meet best business practices. Which of the following will MOST increase the security of the passwords? (Select TWO).

Select one or more:

- ☒ a. Password Length ✔
- ☒ b. Password Complexity ✔
- ☐ c. Password Age
- ☐ d. Password Expiration
- ☐ e. Password History

Your answer is correct.

The correct answers are: Password Complexity, Password Length

Câu hỏi 24

Đúng

Đạt điểm 1,00 trên 1,00

A system administrator has noticed that users change their password many times to cycle back to the original password when their passwords expire. Which of the following would BEST prevent this behavior?

Select one:

- ☒ a. Enforce a minimum password age policy. ✔ A minimum password age policy defines the period that a password must be used for before it can be changed.
- ☐ b. Assign users passwords based upon job role.
- ☐ c. Increase the password expiration time frame
- ☐ d. Prevent users from choosing their own passwords.

Your answer is correct.

The correct answer is: Enforce a minimum password age policy.

Câu hỏi 25

Đúng

Đạt điểm 1,00 trên 1,00

The method to provide end users of IT systems and applications with requirements related to acceptable use, privacy, new threats and trends, and use of social networking is:

Select one:

- ☐ a. BYOD security training.
- ☐ b. Legal compliance training.
- ☐ c. Role-based security training.
- ☒ d. Security awareness training. ✔ Security awareness and training are critical to the success of a security effort. They include explaining policies, procedures, and current threats to both users and management.

Your answer is correct.

The correct answer is: Security awareness training.

Câu hỏi 26

Đúng

Đạt điểm 1,00 trên 1,00

Which of the following is a best practice when securing a switch from physical access?

Select one:

- ☐ a. Enable access lists
- ☒ b. Disable unused ports ✔ Disabling unused switch ports a simple method many network administrators use to help secure their network from unauthorized access.
- ☐ c. Print baseline configuration
- ☐ d. Disable unnecessary accounts

Your answer is correct.

The correct answer is: Disable unused ports

Câu hỏi 27

Đúng

Đạt điểm 1,00 trên 1,00

Users require access to a certain server depending on their job function. Which of the following would be the MOST appropriate strategy for securing the server?

Select one:

- ☐ a. Mandatory access control
- ☐ b. Discretionary access control
- ☐ c. Common access card
- ☒ d. Role based access control ✔ Role-based Access Control is basically based on a user's job description. When a user is assigned a specific role in an environment, that user's access to objects is granted based on the required tasks of that role.

Your answer is correct.

The correct answer is: Role based access control

Câu hỏi 28

Đúng

Đạt điểm 1,00 trên 1,00

A password history value of three means which of the following?

Select one:

- ☐ a. The server stores passwords in the database for three days.
- ☒ b. Three different passwords are used before one can be reused.
- ☐ c. A password cannot be reused once changed for three years.
- ☐ d. After three hours a password must be re-entered to continue



Password History defines the number of unique new passwords a user must use before an old password can be reused.

Your answer is correct.

The correct answer is: Three different passwords are used before one can be reused.

Câu hỏi 29

Đúng

Đạt điểm 1,00 trên 1,00

XYZ Company has a database containing personally identifiable information for all its customers. Which of the following options would BEST ensure employees are only viewing information associated to the customers they support?

Select one:

- ☐ a. Encryption
- ☐ b. Data ownership
- ☒ c. Access Control
- ☐ d. Auditing



Your answer is correct.

The correct answer is: Access Control

Câu hỏi 30

Đúng

Đạt điểm 1,00 trên 1,00

A quality assurance analyst is reviewing a new software product for security, and has complete access to the code and data structures used by the developers. This is an example of which of the following types of testing?

Select one:

- ☐ a. Black box
- ☒ b. White box
- ☐ c. Penetration
- ☐ d. Gray box



White box testing is the process of testing an application when you have detailed knowledge of the inner workings of the application.

Your answer is correct.

The correct answer is: White box

Câu hỏi 31

Đúng

Đạt điểm 1,00 trên 1,00

RADIUS provides which of the following?

Select one:

- ☐ a. Authentication, Authorization, Auditing
- ☐ b. Authentication, Authorization, Availability
- ☐ c. Authentication, Accounting, Auditing
- ☒ d. Authentication, Authorization, Accounting



Your answer is correct.

The correct answer is: Authentication, Authorization, Accounting

Câu hỏi 32

Đúng

Đạt điểm 1,00 trên 1,00

A company wants to ensure that all credentials for various systems are saved within a central database so that users only have to login once for access to all systems. Which of the following would accomplish this?

Select one:

- ☐ a. Smart card access
- ☐ b. Same Sign-On
- ☐ c. Multi-factor authentication
- ☒ d. Single Sign-On



Single sign-on means that once a user (or other subject) is authenticated into a realm, re-authentication is not required for access to resources on any realm entity. Single sign-on is able to internally translate and store credentials for the various mechanisms, from the credential used for original authentication.

Your answer is correct.

The correct answer is: Single Sign-On

Câu hỏi 33

Đúng

Đạt điểm 1,00 trên 1,00

A security Operations Center was scanning a subnet for infections and found a contaminated machine. One of the administrators disabled the switch port that the machine was connected to, and informed a local technician of the infection. Which of the following steps did the administrator perform?

Select one or more:

- ☐ a. Identification
- ☐ b. Preparation
- ☒ c. Quarantine
- ☒ d. Notification
- ☐ e. Escalation



Your answer is correct.

The correct answers are: Notification, Quarantine

Câu hỏi 34

Đúng

Đạt điểm 1,00 trên 1,00

Connections using point-to-point protocol authenticate using which of the following? (Select TWO).

Select one or more:

☒ a. CHAP



CHAP is an authentication scheme used by Point to Point Protocol (PPP) servers to validate the identity of remote clients. CHAP periodically verifies the identity of the client by using a three-way handshake.

☐ b. Kerberos

☐ c. RIPEMD

☐ d. RC4

☒ e. PAP



A password authentication protocol (PAP) is an authentication protocol that uses a password. PAP is used by Point to Point Protocol to validate users before allowing them access to server resources.

Your answer is correct.

The correct answers are: PAP, CHAP

Câu hỏi 35

Đúng

Đạt điểm 1,00 trên 1,00

Ann is a member of the Sales group. She needs to collaborate with Joe, a member of the IT group, to edit a file. Currently, the file has the following permissions:

Ann: read/write

Sales Group: read

IT Group: no access

If a discretionary access control list is in place for the files owned by Ann, which of the following would be the BEST way to share the file with Joe?

Select one:

☐ a. Add Joe to the Sales group.

☐ b. Have the system administrator give Joe full access to the file.

☒ c. Give Joe the appropriate access to the file directly.



Joe needs access to only one file. He also needs to 'edit' that file. Editing a file requires Read and Write access to the file. The best way to provide Joe with the minimum required permissions to edit the file would be to give Joe the appropriate access to the file directly.

☐ d. Remove Joe from the IT group and add him to the Sales group.

Your answer is correct.

The correct answer is: Give Joe the appropriate access to the file directly.

Câu hỏi 36

Đúng

Đạt điểm 1,00 trên 1,00

Internet banking customers currently use an account number and password to access their online accounts. The bank wants to improve security on high value transfers by implementing a system which call users back on a mobile phone to authenticate the transaction with voice verification. Which of the following authentication factors are being used by the bank?

Select one:

- ☐ a. Something you do, somewhere you are, and something you have
- ☐ b. Something you know, something you do, and something you have
- ☐ c. Something you have, something you are, and something you know
- ☒ d. Something you are, something you do and something you know



Your answer is correct.

The correct answer is: Something you are, something you do and something you know

Câu hỏi 37

Đúng

Đạt điểm 1,00 trên 1,00

Which of the following is a management control?

Select one:

- ☒ a. Written security policy
- ☐ b. Access Control List (ACL)
- ☐ c. Logon banners
- ☐ d. SYN attack prevention

✓ Management control types include risk assessment, planning, systems and Services Acquisition as well as Certification, Accreditation and Security Assessment; and written security policy falls in this category

Your answer is correct.

The correct answer is: Written security policy

Câu hỏi 38

Đúng

Đạt điểm 1,00 trên 1,00

An incident occurred when an outside attacker was able to gain access to network resources. During the incident response, investigation security logs indicated multiple failed login attempts for a network administrator. Which of the following controls, if in place could have BEST prevented this successful attack?

Select one:

- ☐ a. Account expiration
- ☐ b. Password history
- ☐ c. Password complexity
- ☒ d. Account lockout



Your answer is correct.

The correct answer is: Account lockout

Câu hỏi 39

Đúng

Đạt điểm 1,00 trên 1,00

A company determines a need for additional protection from rogue devices plugging into physical ports around the building. Which of the following provides the highest degree of protection from unauthorized wired network access?

Select one:

- ☒ a. 802.1x
- ☐ b. Intrusion Prevention Systems
- ☐ c. Flood guards
- ☐ d. MAC filtering



Your answer is correct.

The correct answer is: 802.1x

◀ Video: Access control - RBAC&ABAC

Chuyển tới...

Access Control - Reference ►

