

CompTIA Security+ Certification Practice Test 4 (Exam SY0-401)

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▶ Which of the following wireless encryption schemes offers the highest level of protection?

- ☐

☐

☐

WEP
- ☐

☒

☐

WPA2 (✖ Missed)
- ☐

☐

☐

WAP
- ☐

☐

☐

WPA

Your answer to this question is incorrect.

▶ Which of the wireless security protocols listed below has been deprecated in favor of newer standards due to known vulnerabilities?

- ☐

☐

☐

PEAP
- ☐

☐

☐

CCMP
- ☐

☐

☐

WPA2
- ☐

☒

☐

WEP (✖ Missed)

Your answer to this question is incorrect.

▶ Which of the answers listed below refers to an authentication framework frequently used in wireless networks and point-to-point connections?

- ☐

☐

☐

DLP
- ☐

☐

☐

OCSP
- ☐

☒

☐

EAP (✖ Missed)
- ☐

☐

☐

LDAP

Your answer to this question is incorrect.

▶ A network access control method whereby the 48-bit address assigned to each network card is used to determine access to the network is known as:

- ☐

☐

☐

Hardware lock
- ☐

☐

☐

Post-admission NAC
- ☐

☐

☐

Rule-Based Access Control (RBAC)

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☐

☒

☐


MAC filter (✖ Missed)

I agree

 Your answer to this question is incorrect.


► A wireless network name is also referred to as:

☐ ☐ ☐ BSS

☐ ☒  SSID (✗ Missed)

☐ ☐ ☐ ESS

☐ ☐ ☐ IBSS

 Your answer to this question is incorrect.


► Which of the following protocols was introduced to strengthen existing WEP implementations without requiring the replacement of legacy hardware?

☐ ☐ ☐ PEAP

☐ ☒  TKIP (✗ Missed)

☐ ☐ ☐ CCMP

☐ ☐ ☐ WPA2

 Your answer to this question is incorrect.


► Disabling SSID broadcast:

☐ ☐ ☐ Is one of the measures used for securing networks

☐ ☒  Makes a WLAN harder to discover (✗ Missed)

☐ ☐ ☐ Blocks access to WAP

☐ ☐ ☐ Prevents wireless clients from accessing the network

 Your answer to this question is incorrect.


► Which of the protocols listed below encapsulates EAP within an encrypted and authenticated TLS tunnel?

☐ ☐ ☐ LDAP

☐ ☐ ☐ PAP

☐ ☐ ☐ Telnet

☐ ☒  PEAP (✗ Missed)

 Your answer to this question is incorrect.

► AES-based encryption mode implemented in WPA2 is known as:


☐ ☒  CCMP (✗ Missed)

☐ ☐ ☐ TPM

☐ ☐ ☐ TKIP

☐ ☐ ☐ MTBF

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► An optimal WAP antenna placement provides a countermeasure against: (Select 2 answers)

☐ ☐ ☐ War chalking

☐ ☐ ☐ Tailgating

☐ ☒ ☒ War driving (✖ Missed)

☐ ☐ ☐ Shoulder surfing

☐ ☒ ☒ Site survey (✖ Missed)

🚫 Your answer to this question is incorrect.

► Which of the following WAP configuration settings allows for adjusting the boundary range of the wireless signal?

☐ ☐ ☐ Fair access policy

☐ ☒ ☒ Power level controls (✖ Missed)

☐ ☐ ☐ Quality of Service (QoS)

☐ ☐ ☐ Wi-Fi Protected Setup (WPS)

☐ ☐ ☐ Bandwidth cap

🚫 Your answer to this question is incorrect.

► Which of the answers listed below refers to a solution allowing administrators to block Internet access for users until they perform required action?

☐ ☐ ☐ Mantrap

☐ ☐ ☐ Honeypot

☐ ☒ ☒ Captive portal (✖ Missed)

☐ ☐ ☐ Access Control List (ACL)

☐ ☐ ☐ Firewall

🚫 Your answer to this question is incorrect.

► Which of the following antenna types would provide the best coverage for workstations connecting to a WAP placed in a central point of a typical office? (Select all that apply)

☐ ☒ ☒ Omnidirectional (✖ Missed)

☐ ☐ ☐ Unidirectional

☐ ☐ ☐ Bidirectional

☐ ☒ ☒ Non-directional (✖ Missed)

🚫 Your answer to this question is incorrect.

► Which of the answers listed below refers to wireless site survey?

☐ ☐ ☐ Bluejacking

☐ ☐ ☐ Spear phishing


☐ ☒ ☒ War driving (✖ Missed)

☐ ☐ ☐ Shoulder surfing

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 Your answer to this question is incorrect.


► Which of the following examples falls into the category of technical security controls?

☐ ☐ ☐ Change management

☐ ☐ ☐ Acceptable Use Policy (AUP)


☐ ☒  Intrusion Detection System (IDS) (✖ Missed)

☐ ☐ ☐ Incident response procedure

 Your answer to this question is incorrect.


► An antivirus software identifying non-malicious file as a virus due to faulty virus signature file is an example of:

☐ ☐ ☐ Fault tolerance

☐ ☒  False positive error (✖ Missed)

☐ ☐ ☐ Incident isolation

☐ ☐ ☐ False negative error

 Your answer to this question is incorrect.


► Which of the examples listed below falls into the category of operational security controls?

☐ ☒  Change management (✖ Missed)

☐ ☐ ☐ Encryption

☐ ☐ ☐ Antivirus software

☐ ☐ ☐ Mantrap

 Your answer to this question is incorrect.


► Which of the following terms refers to a situation where no alarm is raised when an attack has taken place?

☐ ☒  False negative (✖ Missed)

☐ ☐ ☐ True positive

☐ ☐ ☐ False positive


☐ ☐ ☐ True negative

 Your answer to this question is incorrect.


► A policy outlining ways of collecting and managing personal data is known as:

☐ ☐ ☐ Acceptable Use Policy (AUP)

☐ ☐ ☐ Audit policy

☐ ☒  Privacy policy (✖ Missed)

☐ ☐ ☐ Data Loss Prevention (DLP)

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► Which of the following acronyms refers to a set of rules enforced in a network that restrict the use to which the network may be put?

☐ ☐ ☐ OEM

☐ ☒ ☐ AUP (✗ Missed)

☐ ☐ ☐ UAT

☐ ☐ ☐ ARO

✗ Your answer to this question is incorrect.

▶ One of the goals behind the mandatory vacations policy is to mitigate the occurrence of fraudulent activity within the company.

☒ ☐ ☐ True (✖ Missed)

☐ ☐ ☐ False

🚫 Your answer to this question is incorrect.

○ ✓ 🔊 True (✗ Missed)

☐ ☐ ☐ False

❑ Your answer to this question is incorrect.

▶ Which of the answers listed below refers to a concept of having more than one person required to complete a given task?

☐ ☐ ☐ Acceptable use policy

☐ ☐ ☐ Privacy policy

☐ ☐ ☐ Multifactor authentication

☐ ☒ ☐ Separation of duties (✖ Missed)

🚩 Your answer to this question is incorrect.

☐ ☐ ☐ Acceptable use policy

[Privacy policy](#)

☐ ☐ ☐ Multifactor authentication

☐ ☒ ☐ Separation of duties (x Missed)

❌ Your answer to this question is incorrect.

▶ A security rule that prevents users from accessing information and resources that lie beyond the scope of their responsibilities is known as:

- ☐ ☐ ☐ Order of volatility
- ☐ ☒ ☐ Principle of least privilege (✖ Missed)
- ☐ ☐ ☐ Privacy policy
- ☐ ☐ ☐ Single Sign-On (SSO)

🚩 Your answer to this question is incorrect.

○ ○ ○ Order of volatility

☐ ☒ ☐ Principle of least privilege (✖ Missed)

[Privacy policy](#)

☐ ☐ ☐ Single Sign-On (SSO)

❌ Your answer to this question is incorrect.

▶ Which of the following acronyms refers to a risk assessment formula defining probable financial loss due to a risk over a one-year period?

☐ ☐ ☐ ARO

☐ ☒ ☐ ALE (✖ Missed)

☐ ☐ ☐ SLE

☐ ☐ ☐ UAT

🚫 Your answer to this question is incorrect.

○ ○ ○ ARO

○ ✓ 🔊 ALE (✖ Missed)

○ ○ ○ SLE

○ ○ ○ UAT

❌ Your answer to this question is incorrect.

► Single Loss Expectancy (SLE) = Asset Value (AV) x Exposure Factor (EF). The Exposure Factor (EF) used in the formula above refers to the impact of the risk over the asset, or percentage of asset lost when a specific threat is realized. Which of the following answers lists the EF value for an asset that is entirely lost?

☐ ☐ ☐ 0

☐ ☐ ☐ 100

☐ ☒ ☐ 1.0 (x Missed)

☐ ☒ ☐ 1000

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☐ ☐ ☐ 100

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☐ ☒ ☐ 1.0 (x Missed)

☐ ☒ ☐ 1.0 (x Missed)