

CompTIA Security+ Certification Practice Test 6 (Exam SY0-401)

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► Which of the following answers lists an example order of volatility for a typical computer system?

☐ ☐ ☐ Memory dump, disk files, temporary files, archival media

☐ ☐ ☐ Archival media, disk files, temporary files, memory dump

☐ ☒ ☐ Memory dump, temporary files, disk files, archival media (✗ Missed)

☐ ☐ ☐ Temporary files, memory dump, archival media, disk files

☐ Your answer to this question is incorrect.

► An exact copy of the entire state of a computer system is called:

☐ ☒ ☐ System image (✗ Missed)

☐ ☐ ☐ Restore point

☐ ☐ ☐ Hard copy

☐ ☐ ☐ Digital signature

☐ Your answer to this question is incorrect.

► In forensic analysis, taking hashes ensures that the collected evidence retains:

☐ ☐ ☐ Confidentiality

☐ ☒ ☐ Integrity (✗ Missed)

☐ ☐ ☐ Order of volatility

☐ ☐ ☐ Availability

☐ Your answer to this question is incorrect.

► Log analysis should not take into account the difference between the reading of a system clock and standard time as this impedes the reconstruction of the sequence of events during an attack or security breach.

☐ ☐ ☐ True

☐ ☒ ☐ False (✗ Missed)

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☐ Your answer to this question is incorrect.

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▶ Which of the following acronyms refers to any type of information pertaining to an individual that can be used to uniquely identify that person?

☐ ☐ ☐ PIN

☐ ☐ ☐ ID

☐ ☒ ☐ PII (✖ Missed)

☐ ☐ ☐ PKI

🚩 Your answer to this question is incorrect.

▶ A sticky note with a password kept on sight in user's cubicle would be a violation of which of the following policies?

☐ ☐ ☐ Data labeling policy

☐ ☒ ☐ Clean desk policy (✖ Missed)

☐ ☐ ☐ Acceptable Use Policy (AUP)

☐ ☐ ☐ User account policy

🚩 Your answer to this question is incorrect.

▶ Which of the following security controls is used to prevent tailgating?

☐ ☐ ☐ Hardware locks

☐ ☒ ☐ Mantraps (✖ Missed)

☐ ☐ ☐ Video surveillance

☐ ☐ ☐ EMI shielding

🚩 Your answer to this question is incorrect.

▶ Zero-day attack exploits:

☐ ☐ ☐ New accounts

☐ ☐ ☐ Patched software

☐ ☒ ☐ Vulnerability that is present in already released software but unknown to the software developer (✖ Missed)

☐ ☐ ☐ Well known vulnerability

🚩 Your answer to this question is incorrect.

▶ A system combining heating, ventilating, and air conditioning controls is known as:

☐ ☒ ☐ HVAC (✖ Missed)

☐ ☐ ☐ RADIUS

☐ ☐ ☐ HMAC

☐ ☐ ☐ VTC

🚩 Your answer to this question is incorrect.

▶ EMI shielding protects the transferred data from: (Select all that apply)

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☐ ☒ ☐ Outside interference (✖ Missed)

☐☐☐ Phishing

☐☒☒ Eavesdropping (✖ Missed)

☐☐☐ Decryption


☐☐☐ Bluesnarfing

 Your answer to this question is incorrect.

▶ Setting up hot and cold aisles in a server room allows for more efficient management of air flow.

☐☒☒ True (✖ Missed)

☐☐☐ False

 Your answer to this question is incorrect.

▶ Which of the following answers list(s) example(s) of physical security control types? (Select all that apply)


☐☐☐ Fire suppression

☐☐☐ Environmental monitoring

☐☒☒ Biometrics (✖ Missed)

☐☒☒ Motion detection (✖ Missed)

☐☒☒ Video surveillance (✖ Missed)

 Your answer to this question is incorrect.

▶ Which of the following examples falls into the category of deterrent security control types?

☐☒☒ Lighting (✖ Missed)

☐☐☐ Access lists

☐☐☐ Motion detection

☐☐☐ Alarms

 Your answer to this question is incorrect.

▶ Which of the following solutions add(s) redundancy in areas identified as single points of failure? (Select all that apply)

☐☐☐ Virtualization


☐☒☒ RAID (✖ Missed)

☐☒☒ Hot site (✖ Missed)

☐☒☒ UPS (✖ Missed)

☐☒☒ Backup generator (✖ Missed)

☐☐☐ PSU

 Your answer to this question is incorrect.

▶ What is the goal of table-top exercises? (Select all that apply)


☐☒☒ Disaster recovery planning (✖ Missed)

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☐☐☐ Active test of security controls

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☐ ☒  Discussing a simulated emergency situation (✖ Missed)


☐ ☐ ☐ Passive test of security controls


 Your answer to this question is incorrect.

▸ Hardware-based RAID Level 0: (Select 2 answers)


☐ ☐ ☐ Offers redundancy

☐ ☐ ☐ Requires at least three drives to implement

☐ ☒  Doesn't offer fault tolerance (✖ Missed)

☐ ☒  Requires at least two drives to implement (✖ Missed)

☐ ☐ ☐ Offers fault tolerance

 Your answer to this question is incorrect.

▸ Which of the following solutions does not offer fault tolerance?


☐ ☐ ☐ RAID 5

☐ ☐ ☐ Disk duplexing

☐ ☒  RAID 0 (✖ Missed)

☐ ☐ ☐ Disk mirroring


☐ ☐ ☐ RAID 1

 Your answer to this question is incorrect.


▸ Which of the following answers lists an example method for passive test of security controls?

☐ ☐ ☐ Tabletop exercises


☐ ☐ ☐ Pentest

☐ ☒  Vulnerability scan (✖ Missed)

☐ ☐ ☐ War chalking


 Your answer to this question is incorrect.


▸ Hardware-based RAID Level 1: (Select 3 answers)


☐ ☒  Requires at least 2 drives to implement (✖ Missed)

☐ ☐ ☐ Is also known as disk striping

☐ ☐ ☐ Offers improved performance in comparison to RAID 0

☐ ☒  Offers improved reliability by creating identical data sets on each drive (failure of one drive does not destroy the array as each drive contains identical copy of the data) (✖ Missed)

☐ ☒  Is also referred to as disk mirroring (✖ Missed)

 Your answer to this question is incorrect.

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☐ ☐ ☐ Continues to operate in case of failure of more than 1 drive

☐

✔

👏

Requires at least 3 drives to implement (✖ Missed)

☐

✔

👏

Offers increased performance and fault tolerance (single drive failure does not destroy the array and lost data can be re-created from the remaining drives) (✖ Missed)

☐

☐

☐

Requires at least 5 drives to implement

☐

☐

☐

Is also referred to as disk duplexing

🚩

Your answer to this question is incorrect.

▶ What is the function of archive bit?

☐

☐

☐

Setting file attribute to read-only

☐

☐

☐

Search indexing

☐

☐

☐

Creating an additional copy of a file

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✔

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Indicating whether a file has been modified since the last backup (✖ Missed)

🚩

Your answer to this question is incorrect.

▶ Which of the following terms refers to a backup technique that allows for creating an exact copy of an entire drive and replicating the drive to a new computer or to another drive on the same computer in case of hard drive failure? (Select best answer)

☐

☐

☐

Disk striping

☐

✔

👏

Drive imaging (✖ Missed)

☐

☐

☐

Full backup

☐

☐

☐

Differential backup

🚩

Your answer to this question is incorrect.

▶ In a differential backup strategy, restoring data from backup requires only a working copy of the last full backup.

☐

☐

☐

True

👉

✔

👏

False (✔ Your answer)

✔

You correctly answered this question.

▶ Restoring data from an incremental backup requires: (Select 2 answers)

👉

☐

🚩

Copy of the last incremental backup (✖ Your answer)

☐

☐

☐

All copies of differential backups made since the last full backup

☐

☐

☐

Copy of the last differential backup

☐

✔

👏

All copies of incremental backups made since the last full backup (✖ Missed)

👉

✔

👏

Copy of the last full backup (✔ Your answer)

🚩

Your answer to this question is incorrect.

▶ A United States federal government initiative aimed at enabling agencies to continue their essential functions across a broad spectrum of emergencies is known as:

👉

☐

🚩

OVAL (✖ Your answer)

☐

☐

☐

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☐ ☒ ☐ ☐ COOP (✕ Missed)

☐ ☐ ☐ OCSP

☒ Your answer to this question is incorrect.

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