

CompTIA Security+ Certification Practice Test 10 (Exam SY0-401)

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► Which of the following answers refers to a privacy-related security risk connected with public sharing of pictures taken with smartphones?

- ☐ ☐ ☐ Data ownership
- ☐ ☐ ☐ Steganography
- ☐ ☐ ☐ Weak passwords
- ☐ ☒ ☐ Embedded geotag (✖ Missed)

🚩 Your answer to this question is incorrect.

► Which of the acronyms listed below refers to a policy of permitting employees to bring personally owned mobile devices and to use those devices to access privileged company information and applications?

- ☐ ☐ ☐ BSOD
- ☐ ☒ ☐ BYOD (✖ Missed)
- ☐ ☐ ☐ JBOD
- ☐ ☐ ☐ BYOB

🚩 Your answer to this question is incorrect.

► The term "Trusted OS" refers to an operating system:

- ☐ ☐ ☐ Admitted to a network through NAC
- ☐ ☐ ☐ Implementing patch management
- ☐ ☐ ☐ That has been authenticated on the network
- ☐ ☒ ☐ With enhanced security features (✖ Missed)

🚩 Your answer to this question is incorrect.


► A file-based representation of the state of a virtual machine at a given time is called:

- ☐ ☐ ☐ Restore point
- ☐ ☐ ☐ Shadow copy
- ☐ ☒ ☐ Snapshot (✖ Missed)
- ☐ ☐ ☐ System image

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 Your answer to this question is incorrect.


▶ In computer security, a mechanism for safe execution of untested code or untrusted applications is referred to as:

☐ ☐ ☐ Guest OS

☐ ☒  Sandbox (✗ Missed)

☐ ☐ ☐ Buffer

☐ ☐ ☐ Honeypot

 Your answer to this question is incorrect.


▶ Which of the following terms refers to a microchip embedded on the motherboard of a personal computer or laptop that can store keys, passwords and digital certificates?

☐ ☐ ☐ UTM

☐ ☐ ☐ EFS

☐ ☐ ☐ MBR

☐ ☒  TPM (✗ Missed)

 Your answer to this question is incorrect.


▶ A piece of hardware and associated software / firmware that usually attaches to the inside of a PC or server and provides at least the minimum of cryptographic functions is called:

☐ ☒  HSM (✗ Missed)

☐ ☐ ☐ EFS

☐ ☐ ☐ STP

☐ ☐ ☐ WAF

 Your answer to this question is incorrect.


▶ Which of the following acronyms refers to software or hardware based security solutions designed to detect and prevent unauthorized use and transmission of confidential information outside of the corporate network?

☐ ☐ ☐ DEP

☐ ☐ ☐ RADIUS

☐ ☒  DLP (✗ Missed)

☐ ☐ ☐ PGP

 Your answer to this question is incorrect.

▶ Which of the answers listed below refers to a control system providing the capability for real-time monitoring and gathering information related to industrial equipment?

☐ ☐ ☐ OVAL


☐ ☒  SCADA (✗ Missed)

☐ ☐ ☐ TACACS

☐ ☐ ☐ SCAP


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 Your answer to this question is incorrect.

► One of the advantages of the Remote Authentication Dial-In User Service (RADIUS) is that it provides encryption for the entire authentication process.

☐ ☐ ☐ True

☐ ☒  False (✖ Missed)

 Your answer to this question is incorrect.


► Which of the following answers refers to a Cisco-proprietary alternative to RADIUS?

☐ ☐ ☐ LDAP

☐ ☐ ☐ Kerberos

☐ ☐ ☐ SAML

☐ ☒  TACACS+ (✖ Missed)

 Your answer to this question is incorrect.


► Assigning a unique key, called a ticket, to each user that logs on to the network is a characteristic feature of:

☐ ☐ ☐ SAML

☐ ☐ ☐ Secure LDAP

☐ ☐ ☐ RADIUS

☐ ☒  Kerberos (✖ Missed)


 Your answer to this question is incorrect.


► Which of the following port numbers is used by Kerberos?

☐ ☐ ☐ 23

☐ ☐ ☐ 80

☐ ☐ ☐ 22

☐ ☒  88 (✖ Missed)

 Your answer to this question is incorrect.

► What type of encryption protocols are used by Secure LDAP (LDAPS)? (Select all that apply)


☐ ☒  TLS (✖ Missed)

☐ ☐ ☐ UDP

☐ ☒  SSL (✖ Missed)

☐ ☐ ☐ IP

☐ ☐ ☐ TCP

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► Which of the following authentication protocols offer(s) countermeasures against replay attacks? (Select all that apply)

I agree

☐

☒

IPsec (✖ Missed)

☐

☐

☐

MPLS

☐

☐

☐

PAP

☐

☒

Kerberos (✖ Missed)

☐

☒

CHAP (✖ Missed)

Your answer to this question is incorrect.

▶ Lightweight Directory Access Protocol (LDAP) runs on port:

☐

☐

☐

49

☐

☒

389 (✖ Missed)

☐

☐

☐

3389

☐

☐

☐

636

Your answer to this question is incorrect.

▶ An authentication subsystem that enables a user to access multiple, connected system components (such as separate hosts on a network) after a single login at only one of the components is known as:

☐

☒

SSO (✖ Missed)

☐

☐

☐

WAP

☐

☐

☐

TPM

☐

☐

☐

OVAL

Your answer to this question is incorrect.

▶ The non-standard, enhanced version of the LDAP protocol providing the capability for encrypted transmission runs on port:

☐

☐

☐

49

☐

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3389

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636 (✖ Missed)

☐

☐

☐

389

Your answer to this question is incorrect.

▶ Which of the following solutions provides a single sign-on capability for Web services?

☐

☐

☐

MOU

☐

☐

☐

OVAL

☐

☐

☐

SCADA

☐

☒

SAML (✖ Missed)

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☐

☐

☐


389

I agree

☐ ☒  49 (✖ Missed)

☐ ☐ ☐ 636

☐ ☐ ☐ 88

 Your answer to this question is incorrect.


▸ Which part of the AAA framework deals with verification of the identity of a person or process?

☐ ☐ ☐ Authorization


☐ ☐ ☐ Non-repudiation

☐ ☒  Authentication (✖ Missed)

☐ ☐ ☐ Accounting

 Your answer to this question is incorrect.


▸ Which of the following examples meets the requirement of multi-factor authentication?

☐ ☒  Password and biometric scan (✖ Missed)


☐ ☐ ☐ Username and PIN

☐ ☐ ☐ Smart card and identification badge


☐ ☐ ☐ Iris and fingerprint scan

 Your answer to this question is incorrect.

▸ Authentication process can be based on different categories of authentication factors, including unique physical traits of each individual such as fingerprints ("something you are"), physical tokens such as smart cards ("something you have"), or user names and passwords ("something you know"). Additional factors might include geolocation ("somewhere you are"), or user-specific activity patterns such as for example keyboard typing style ("something you do").

☐ ☒  True (✖ Missed)

☐ ☐ ☐ False

 Your answer to this question is incorrect.


▸ A United States Department of Defense (DoD) smart card providing the capability for multi-factor authentication of its personnel is known as:

☐ ☐ ☐ SCADA

☐ ☒  CAC (✖ Missed)

☐ ☐ ☐ One-time pad

☐ ☐ ☐ HOTP

 Your answer to this question is incorrect.


▸ Multi-factor authentication systems require implementation of authentication factors from two or more different categories.

☐ ☒  True (✖ Missed)

☐ ☐ ☐ False

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 Your answer to this question is incorrect.