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Vendor: Arcitura Education

Code: S90.19

Exam: Advanced SOA Security

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QUESTIONS & ANSWERS

DEMO VERSION

Version: 5.0

Question: 1

Which of the following types of attack always affect the availability of a service?

A. Exception generation attack
B. SQL injection attack
C. XPath injection attack
D. None of the above

Answer: D

Question: 2

The use of XML schemas for data validation helps avoid several types of data-centric threats.

A. True
B. False

Answer: A

Question: 3

The use of session keys and symmetric cryptography results in:

A. Increased performance degradation
B. Increased reliability degradation
C. Reduced message sizes
D. None of the above

Answer: D

Question: 4

An alternative to using a _____ is to use a _____.

A. Public key, private key
B. Digital signature, symmetric key
C. Public key, key agreement security session
D. Digital signature, asymmetric key

Answer: C

Question: 5

Service A's logic has been implemented using managed code. An attacker sends an XML bomb to Service A . As a result, Service A's memory consumption started increasing at an alarming rate and then decreased back to normal. The service was not affected by this attack and quickly recovered. Which of the following attacks were potentially avoided?

A. XML parser attack
B. Buffer overrun attack
C. Insufficient authorization attack
D. Denial of service

Answer: A, D

Question: 6

When designing XML schemas to avoid data-centric threats, which of the following are valid considerations?

A. The maxOccurs attribute needs to be specified using a restrictive value.
B. The <xsd:any> element needs to be avoided.
C. The <xsd:restriction> element can be used to create more restrictive user-defined simple types.
D. All of the above.

Answer: D, B

Question: 7

_____ is an industry standard that describes mechanisms for issuing, validating, renewing and cancelling security tokens.

A. WS-Security
B. WS-Trust
C. WS-SecureConversation
D. WS-SecurityPolicy

Answer: B

Question: 8

Security policies defined using WS-SecurityPolicy can be used to convey which of the following requirements to a service consumer?

A. Whether transport-layer or message-layer security needs to be used

B. The encryption type that needs to be used for transport-layer security
C. The algorithms that need to be used for cryptographic operations
D. The type of security token that must be used

Answer: A, C, D

Question: 9

Service A needs to be designed so that it supports message integrity and so that only part of the messages exchanged by the service are encrypted. You are asked to create the security policy for this service. What type of policy assertions should you use?

A. Token assertions
B. Protection assertions
C. Security binding assertions
D. Service A's security requirements cannot be expressed in a policy

Answer: B

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