



Free Questions for *S90.19* by *certsdeals*

Shared by *Espinoza* on *06-06-2022*

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Question 1

Question Type: MultipleChoice

The use of derived keys is based on symmetric encryption. This is similar to asymmetric encryption because different keys can be derived from a session key and used separately for encryption and decryption.

Options:

A- True

B- False

Answer:

A

Question 2

Question Type: MultipleChoice

Service A is only authorized to access one service capability of Service B . Service B acts as a trusted subsystem for several underlying resources which it accesses using its own set of credentials. Service B can therefore not become a victim of an insufficient authorization attack initiated by Service A .

Options:

A- True

B- False

Answer:

B

Question 3

Question Type: MultipleChoice

The application of the Trusted Subsystem pattern directly supports the goals of the Service Loose Coupling principle.

Options:

A- True

B- False

Answer:

A

Question 4

Question Type: MultipleChoice

An attacker is able to gain access to a service and invokes the service. Upon executing the service logic, the attacker is able to gain access to underlying service resources, including a private database. The attacker proceeds to delete data from the database. The attacker has successfully executed which type of attack?

Options:

A- exception generation attack

B- insufficient authorization attack

C- denial of service attack

D- None of the above.

Answer:

B

Question 5

Question Type: MultipleChoice

A service receives a message containing an XML document that expands to a very large size as it is processed by the parser. As a result, the service becomes unavailable to service consumers. The service was subjected to which type of attack?

Options:

A- XML parser attack

B- Exception generation attack

C- XPath injection attack

D- None of the above.

Answer:

A

Question 6

Question Type: MultipleChoice

A service protected from an XML bomb attack will automatically also be protected from a schema poisoning attack.

Options:

A- True

B- False

Answer:

B

Question 7

Question Type: MultipleChoice

The application of the Trusted Subsystem pattern can help centralize access to services.

Options:

A- True

B- False

Answer:

A

Question 8

Question Type: MultipleChoice

Designing security policies with _____ is an extension of the _____ SOA characteristic that supports interoperability and avoids_____.

Options:

- A- industry standards, business-driven, vendor lock-out
- B- industry standards, vendor-neutral, vendor lock-in
- C- design standards, composition-centric, vendor lock-in
- D- design standards, enterprise-centric, vendor lock-in

Answer:

B

Question 9

Question Type: MultipleChoice

The application of the Data Origin Authentication pattern and the Data Confidentiality pattern do not help mitigate the risk of malicious intermediary attacks.

Options:

- A- True
- B- False

Answer:

B

Question 10

Question Type: MultipleChoice

A utility service is responsible for encapsulating a legacy database and providing centralized access to the database for any of its service consumers. However, it is discovered that several service consumers are accessing the database directly. This is considered a security concern because much of the data in the database is classified as sensitive. How can this concern be addressed?

Options:

- A-** The Trusted Subsystem pattern can be applied to establish an architecture whereby service consumers are required to access the utility service in order to gain access to the data in the database
- B-** Service agents can be added to route messages to an authentication broker. That way, only authorized service consumers would get access to the database.
- C-** The Message Screening pattern can be applied so that messages sent to the utility service are inspected at runtime.
- D-** None of the above.

Answer:

A

Question 11

Question Type: MultipleChoice

Which of the following types of WS-SecurityPolicy assertions is required in order to determine whether derived keys are needed for a key agreement security session?

Options:

- A- protection assertions
- B- token assertions
- C- security binding assertions
- D- None of the above.

Answer:

B

Question 12

Question Type: MultipleChoice

Service A acts as a trusted subsystem for a shared database. The database contains sensitive information and performs strict validation on all incoming data modification requests. In case of any invalid input values, the database throws detailed error messages that are required for debugging purposes and are automatically relayed back to service consumers by Service A . Recently, while going through the access logs of the database, it has been reported that attempts have been made to connect to the database from outside the organization. What can be done to prevent such attacks while preserving the existing database debugging requirements?

Options:

- A-** The Data Confidentiality pattern needs to be applied so that all request and response messages exchanged by Service A are encrypted.
- B-** The Data Origin Authentication pattern needs to be applied in order to incorporate digital signatures in request and response messages exchanged by Service A .
- C-** The Service Perimeter Guard pattern needs to be applied in order to centralize access to the database.
- D-** None of the above.

Answer:

D

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