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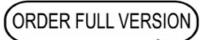
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WSO2

Certified Enterprise Integrator 6.5 Developer

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Question: 558

Which of the following components in WSO2 EI is responsible for managing API traffic?

- A. Proxy Service
- B. API Gateway
- C. Message Store
- D. Integration Flow

Answer: B

Explanation: The API Gateway is responsible for managing API traffic, including traffic routing, security, and analytics, making it a key component in API management.

Question: 559

When defining a custom mediator, which method is essential for processing the mediation logic?

A. init() B. process() C. execute() D. run()

Answer: B

Explanation: The process() method is essential in a custom mediator as it contains the logic for processing the mediation flow.

Question: 560

You are developing an integration solution that requires complex data transformation rules based on business logic. Which approach would be most effective?

A. Use a Script mediator for dynamic transformations.

- B. Implement a Class mediator with transformation logic.
- C. Apply an XSLT mediator for static transformations.
- D. Use a JSON to XML mediator.

Answer: B

Explanation: Implementing a Class mediator allows for encapsulating complex business transformation logic, providing better control and maintainability compared to other options.

Question: 561

Identify the INCORRECT statement regarding WSO2 EI's support for different environments.

- A. WSO2 EI can be deployed on both on-premises and cloud environments.
- B. WSO2 EI does not support hybrid deployment models.
- C. WSO2 EI can be configured for high availability.
- D. WSO2 EI supports containerization for microservices.

Answer: B

Explanation: WSO2 EI supports various deployment models, including hybrid deployment, making statement B incorrect.

Question: 562

Which of the following statements about custom class mediators is INCORRECT?

- A. Custom class mediators can be tested using JUnit.
- B. Class mediators can contain business logic beyond message routing.
- C. Custom class mediators can interact with different message formats.
- D. Class mediators can only be deployed in a single environment.

Answer: D

Explanation: Custom class mediators can be deployed in multiple environments, not limited to a single one, allowing for broader deployment strategies.

Question: 563

Which of the following statement about WSO2 EI's "event stream" is TRUE?

- A. Event streams can be created only from database sources.
- B. Event streams allow for real-time data processing.
- C. Event streams are only available for batch processing scenarios.
- D. Event streams cannot be used with message brokers.

Answer: B

Explanation: Event streams in WSO2 EI are designed for real-time data processing, enabling event-driven architectures.

Question: 564

In a scenario where a WSO2 EI developer needs to ensure that messages are processed in a specific order, which mediator is MOST appropriate?

- A. 'Aggregator' mediator
- B. 'Sequence' mediator
- C. 'Scatter-Gather' mediator
- D. 'Call' mediator

KILL EXAMS

Answer: B

Explanation: The 'Sequence' mediator allows messages to be processed in a defined order, ensuring that each step is executed sequentially.

Question: 565

Which of the following best describes the purpose of a custom Class mediator in the ESB?

- A. To provide standard logging for all messages
- B. To manage API security settings
- C. To execute specific business logic during message processing
- D. To handle message transformation

Answer: C

Explanation: A custom Class mediator allows developers to introduce specific business logic during the message processing flow.

Question: 566

For improving the performance of an ESB server, which parameter would be most effective to configure in the JVM settings regarding thread management?

- A. -XX:ParallelGCThreads
- B. -XX:MaxTenuringThreshold
- C. -Xss
- D. -XX:ConcGCThreads

Answer: D

Explanation: The -XX:ConcGCThreads parameter controls the number of concurrent garbage collection threads, which can significantly enhance performance in a multi-threaded WSO2 ESB environment by reducing pause times.

Question: 567

In a WSO2 EI integration scenario, which mediator is best suited for calling multiple services concurrently and aggregating their responses?

- A. 'Scatter-Gather' mediator
- B. 'Aggregator' mediator
- C. 'Call' mediator
- D. 'Content-Based Router' mediator

Answer: A

Explanation: The 'Scatter-Gather' mediator is designed to send concurrent requests to multiple endpoints and aggregate the responses into a single output message.

Question: 568

Which of the following is a valid approach to implement data transformation in WSO2 ESB?

- A. Using only XSLT for XML-to-XML transformations.
- B. Relying solely on the database for data transformation.
- C. Utilizing the PayloadFactory mediator to change message structure.
- D. Ignoring data validation during transformation.

Answer: C

Explanation: The PayloadFactory mediator allows for flexible data transformation by changing the message structure, accommodating various formats.

Question: 569

In a scenario where a developer needs to handle various message formats, which mediator provides the most flexibility?

- A. 'PayloadFactory' mediator
- B. 'Log' mediator
- C. 'Message Filter' mediator
- D. 'DataMapper' mediator

Answer: D

Explanation: The 'DataMapper' mediator allows for complex transformations and supports multiple message formats, offering significant flexibility in handling different data types.

Question: 570

Consider the following property setting in a class mediator:

What does this configuration imply?

- A. The property 'messageType' will always return 'type'.
- B. The property 'messageType' is static and cannot be changed.
- C. The value of 'messageType' is dynamically fetched from the message context.
- D. This configuration is invalid and will cause an error.

Answer: C

Explanation: The configuration dynamically fetches the value of 'messageType' from the message context, allowing for adaptability in processing.

Question: 571

What is the primary function of the 'Filter' mediator in WSO2 EI?

A. To transform message formats.

- B. To log the contents of messages for debugging.
- C. To aggregate multiple message responses.
- D. To route messages based on specific criteria.

Answer: D

Explanation: The 'Filter' mediator is utilized to route messages based on specified conditions, allowing for selective processing.

Question: 572

For optimizing thread management in a WSO2 ESB server, which JVM setting is crucial?

A. -XX:ParallelGCThreads B. -XX:MaxInlineLevel C. -XX:ThreadStackSize D. -Xss

KILL

Answer: A

Explanation: The -XX:ParallelGCThreads setting controls the number of threads used for parallel garbage collection, which can affect the overall performance of multi-threaded applications like WSO2 ESB.

Question: 573

What is the primary purpose of the 'Service Callout' mediator in an integration flow?

- A. To call multiple services concurrently.
- B. To invoke an external service and wait for a response.
- C. To log service call details for auditing purposes.
- D. To transform response formats between XML and JSON.

Answer: B

Explanation: The 'Service Callout' mediator is used to invoke an external service synchronously and wait for its response, allowing for seamless integration.

Question: 574

What is the primary purpose of the "Rule" element in an XACML policy?

- A. To specify the conditions under which access is granted or denied.
- B. To define the policies that are applicable to a resource.
- C. To list the obligations associated with a policy decision.
- D. To indicate the policy's compliance with external standards.

Answer: A

Explanation: The "Rule" element specifies the conditions that determine whether access should be granted or denied, operating within the context of the policy.

Question: 575

Which component is essential for implementing a publish-subscribe messaging pattern in WSO2 EI?

A. Message StoreB. JMS TopicC. Proxy ServiceD. API Manager

Answer: B

Explanation: JMS Topics are essential for implementing a publish-subscribe pattern, allowing multiple subscribers to receive messages published to a single topic.

Question: 576

Which of the following is NOT a valid configuration for the element in ?

- instanceId sharedRegistry false true / instanceCache
- A. customRegistryB. localRegistryC. sharedRegistryD. externalRegistry





Answer: A

Explanation: The must refer to predefined configurations; "customRegistry" is not a standard option.

Question: 577

Which WSO2 EI component is responsible for managing user roles and permissions?

- A. API Gateway
- B. Key Manager
- C. Identity Server
- D. Data Services Server

Answer: C

Explanation: The Identity Server is responsible for managing user roles and permissions within WSO2 EI.

Question: 578

Identify the correct error description and solution for the following error message: => ERROR - org.apache.axis2.AxisFault: Invalid SOAP message received.

A. This error suggests a mismatch between the expected and received SOAP versions.Solution: Ensure the SOAP version in the request matches the service definition.B. The error indicates that the SOAP message is not well-formed. Solution: Validate the SOAP message against XML standards.

C. The error arises when the SOAP envelope is missing. Solution: Include a properly formatted SOAP envelope in the message.

D. The error is due to a problem with the SOAPAction header. Solution: Correct the SOAPAction header to match the service requirements.

Answer: B

Explanation: An "Invalid SOAP message received" error commonly means that the structure of the SOAP message is incorrect, making it necessary to validate the message format.

Question: 579

Which of the following statements about the WSO2 EI's registry is FALSE?

- A. The registry can only be accessed through the Management Console.
- B. The registry supports versioning for stored artifacts.
- C. The registry can store configuration artifacts and resources.
- D. The registry allows for both a file-based and a database-based storage option.

Answer: A

Explanation: The WSO2 EI's registry can be accessed programmatically via APIs, not just through the Management Console.

Question: 580

In a situation where the Callout Mediator is configured to handle timeouts, which of the following options would best describe the behavior when a timeout occurs during an API call?

A. The Callout Mediator will automatically retry the request until successful.

B. A timeout will cause the mediator to terminate processing without any error.

C. The Callout Mediator will return a predefined error response to the message flow. D. The timeout behavior must be explicitly defined in the configuration for it to take

effect.

Answer: C

Explanation: When a timeout occurs during an API call, the Callout Mediator can be configured to return a predefined error response, allowing for error handling in the message flow.

Question: 581

Which of the following network-related OS-level settings is critical for ensuring reliable message delivery in WSO2 ESB?

- A. I/O scheduler type
- B. MTU size
- C. Network interface bonding
- D. TCP retransmission timeout

Answer: D

Explanation: Adjusting the TCP retransmission timeout helps ensure that lost packets are retransmitted promptly, which is crucial for reliable message delivery in ESB applications.

Question: 582

Which of the following statements about WSO2 EI's integration with databases is TRUE?

- A. WSO2 EI can only read data from databases, not write.
- B. It supports complex queries using SQL.
- C. Database integration is limited to only one database type.
- D. WSO2 EI does not support transactions with databases.

Answer: B

Explanation: WSO2 EI supports complex SQL queries, enabling robust integration with various databases for both reading and writing data.

Question: 583

Identify the INCORRECT statement about the message transformation capabilities in WSO2 EI.

- A. WSO2 EI supports XSLT for XML transformations.
- B. WSO2 EI requires additional plugins for CSV transformation.
- C. WSO2 EI can convert JSON to XML and vice versa.
- D. WSO2 EI can handle complex data format transformations.

Answer: B

Explanation: WSO2 EI does not require additional plugins for basic CSV transformation capabilities, making statement C incorrect.

Question: 584

In an XACML response, what does the "Decision" attribute indicate?

- A. The final authorization decision made by the PDP.
- B. The types of resources the policy applies to.
- C. The attributes that must be returned to the requester.
- D. The obligations that must be fulfilled after a decision is made.

Answer: A

Explanation: The "Decision" attribute indicates the final authorization decision made by the Policy Decision Point (PDP) based on the evaluated policies.



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