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Microsoft

70-595 PRACTICE EXAM

**TS: Developing Business Process and Integration Solutions by Using Microsoft
BizTalk Server 2010**

Question: 1.

An existing BizTalk Server 2010 messaging solution for processing orders has a send port group that contains two send ports. Send Port A is for Supplier A and Send Port B is for Supplier B. Each supplier receives only one copy of each order message. The order schema has a promoted property named OrderAmount that contains the total amount of the order. The send port group subscribes to all messages where a promoted property OrderAmount exists. The send ports do not have a filter defined. Messages with an order amount less than or equal to 1000 must be sent to Supplier A. Messages with an order amount greater than 1000 must be sent to Supplier B. Only a single message can be sent to either Supplier A or Supplier B. You need to modify the solution to route each order message to either Supplier A or Supplier B. What should you do?

- A. Set a filter on Send Port A to subscribe for messages where OrderAmount is ≤ 1000 . Set a filter on Send Port B to subscribe for messages where OrderAmount is > 1000 . Stop and start the send port group.
- B. Set a filter on Send Port A to subscribe for messages where OrderAmount is ≤ 1000 . Set a filter on Send Port B to subscribe for messages where OrderAmount is > 1000 . Delete the send port group.
- C. Delete the existing filter condition on the send port group. Add a filter condition on the send port group to subscribe for messages where OrderAmount is ≤ 1000 . Add a filter OR condition on the send port group to subscribe for messages where OrderAmount is > 1000 .
- D. Keep the existing filter condition on the send port group. Add a filter condition on the send port group to subscribe for messages where OrderAmount is ≤ 1000 . Add a filter OR condition on the send port group to subscribe for messages where OrderAmount is > 1000 .

Answer: B

Question: 2.

A BizTalk Server 2010 solution transmits messages to a suppliers FTP server. The solution uses an FTP send port. The transport URI points to the main FTP server location. The supplier needs to receive the message immediately if the connection with the main FTP server cannot be established. You need to enable transmission redirection to an alternative FTP server. What should you do?

- A. Enable ordered delivery for the send port.
- B. Enable failed message routing for the send port.
- C. Set the Retry count to 0. Set the Backup Transport Type to FTP and the Backup Transport URI to the alternative FTP server location.
- D. Set the Retry count to 1. Set the Backup Transport Type to FTP and the Backup Transport URI to the alternative FTP server location.

Answer: C

Question: 3.

A BizTalk Server 2010 solution receives invoices in XML format.

The solution receives only two types of files:

XML files that contain only a single invoice. The filename of these files starts with the letter S.

XML files that contain multiple invoices. The filename of these files starts with the letter M.

You create a receive port with two FILE receive locations. Both receive locations point to the same folder on the file system but each receive location has a different file mask. You configure each receive location to pick up one type of

invoice XML. You need to ensure that the single-invoice XML files are processed as soon as possible, and the multiple-invoice XML files are only processed outside of office hours. What should you do?

- A. Set the service window of the receive location that picks up the multiple-invoice XML files to reflect the outside office hour time range. Make sure this receive location is disabled.
- B. Set the service window of the receive location that picks up the multiple-invoice XML files to reflect the outside office hour time range. Enable both receive locations.
- C. Set the schedule start date and stop date of the receive location that picks up the multiple-invoice XML files to reflect the outside office hour time range.
- D. In the receive port, delete one of the receive locations. Configure the other receive location to pick up both types of files. Set the service window to reflect the outside office hour time range.

Answer: B

Question: 4.

A BizTalk Server 2010 solution sends out XML invoices to a customer on a regular basis. The customer has sent you the public key part of their certificate. You installed this certificate on the server and set up a send port to use this certificate. The certification authority for the certificate is one that you already trust. You need to ensure that all invoices sent to the customer are encrypted using the provided public key. What should you do?

- A. Create a custom pipeline that uses the MIME/SMIME encoder component. Set the Add signing certification to message property of the component to True.
- B. Create a custom pipeline that uses the MIME/SMIME encoder component. Set the Enable encryption property of the component to True.
- C. Create a custom pipeline that uses the MIME/SMIME encoder component. Set the Content transfer encoding property of the component to Base64.
- D. Create a custom pipeline that uses the default XML assembler component. Use the default values for all properties of the component.

Answer: B

Question: 5.

A supplier sends messages that they sign with a certificate to a BizTalk Server 2010 application. You need to ensure that the received messages are signed with the certificate. What should you do?

- A. Use the XMLTransmit pipeline.
- B. Use the XMLReceive pipeline.
- C. Use a custom pipeline that leverages the MIME/SMIME encoder component.
- D. Use a custom pipeline that leverages the MIME/SMIME decoder component.

Answer: D

Question: 6.

A BizTalk Server 2010 application is designed to receive a file from a customer. The customer periodically updates the file on an FTP site. The file has a name that never changes. You have been given read-only permissions to the site. You need to create a receive location that detects when the file has been updated and then retrieves it. You use the

BizTalk Administration console to create a receive port. What should you do next?

- A. Create an FTP receive location and set the Mode property to Passive.
- B. Create an FTP receive location and set the Target File Name property to *.*.
- C. Create an FTP receive location with the site and credential information. In the FTP adapter properties, set the Delete After Download property to No and set the Enable Timestamp Comparison property to Yes.
- D. Create an FTP receive location with the site and credential information. In the FTP adapter properties, set the Delete After Download property to Yes and set the Enable Timestamp Comparison property to Yes.

Answer: C

Question: 7.

A BizTalk Server 2010 application sends purchase orders. Current applications use an existing mail server to send mail. The purchase order application should use a distribution list that is managed by a new mail server. Company IT policy does not allow you to create a new host for the new mail server. You need to create a BizTalk port that sends orders to the email distribution list through the new mail server. What should you do?

- A. Create an SMTP send port configured to send to the email distribution list. Specify the name of the new mail server in Microsoft Internet Information Services (IIS) Manager.
- B. Create an SMTP send port configured to send to the email distribution list. Create a filter on the send port with the SMTP.SMTPHost context property equal to the new mail server.
- C. Create a send port group with an SMTP send port configured to send to the email distribution list. Create a filter on the send port group with the SMTP.SMTPHost context property equal to the new mail server.
- D. Create an SMTP send port configured to send to the email distribution list. Override the current SMTP send handler settings by entering the new mail server in the SMTP server name field in the Handler Override section of the port.

Answer: D

Question: 8.

You are developing a solution for BizTalk Server 2010. You deploy the solution to the runtime environment. The solution includes one orchestration with a direct bound send port that sends a message to the BizTalk MessageBox database for routing to a folder. After starting the BizTalk application for testing, you notice that the following error is logged in the servers event log:

The published message could not be routed because no subscribers were found. This error occurs if the subscribing orchestration or send port has not been enlisted, or if some of the message properties necessary for subscription evaluation have not been promoted. Please use the BizTalk Administration console to troubleshoot this failure. You need to resolve the error without changing the code in the orchestration and without redeploying the solution. What should you do?

- A. Add a dynamic send port.
- B. Add a send port that has a filter that matches the message type.
- C. Add a send port that uses the XmlTransmit pipeline.
- D. Add a receive port that uses the XmlReceive pipeline.

Answer: B

Question: 9.

You are developing applications for BizTalk Server 2010. The application processes orders for two vendors. These vendors have different message formats for their orders. You define BizTalk schemas for both vendors in separate projects and name the projects VendorA and VendorB . You promote the OrderType property in the schema of VendorA and the PurchaseType property in the schema of VendorB . Then you deploy the application. You need to log messages to disk for shoe orders for VendorA and bike orders for VendorB . What should you do?

- A. Add a FILE send port with the filter: VendorA .OrderType==Shoes Or VendorB .PurchaseType==Bikes
- B. Add a FILE send port with the filter: VendorA .OrderType==Shoes And VendorB .PurchaseType==Bikes
- C. Add a send port group with the filter: VendorA .OrderType==Shoes Or VendorB .PurchaseType==Bikes
- D. Add a send port group with the filter: VendorA .OrderType==Shoes And VendorB .PurchaseType==Bikes

Answer: A

Question: 10.

A company uses BizTalk Server 2010 to receive electronic orders from multiple customers. You have schemas for all the order formats that the customers send. You need to create a business process that handles an incoming order. You create a canonical schema that represents an order. You also create an orchestration that handles an order of the canonical schema. What should you do next?

- A. Create maps from the canonical schema to each of the customer order formats. Create a send port and bind it to the orchestration. Use the maps on the send port.
- B. Create maps from the canonical schema to each of the customer order formats. Create a receive port and location and bind the port to the orchestration. Use the maps on the receive port.
- C. Create maps from each of the customer order formats to the canonical schema. Create a send port and bind it to the orchestration. Use the maps on the send port.
- D. Create maps from each of the customer order formats to the canonical schema. Create a receive port and location and bind the port to the orchestration. Use the maps on the receive port.

Answer: D

Question: 11.

A company uses an existing BizTalk Server 2010 solution to process customer orders. A customer sends you positional flat files containing orders. All dates in the customer flat file are provided as string data types in a YYYYMMDD format. The orchestration requires that the dates are treated as date data types in the YYYYMMDD format. You need to ensure that dates provided by the customer are specified as dates in the YYYYMMDD format and not strings. Which task or tasks should you perform by using the BizTalk Schema Editor?

- A. Create a SimpleType property with a regular expression Pattern equal to yyyyMMdd. Change the Data Type property to the SimpleType property for each field that contains a date.
- B. Create a SimpleType property with a regular expression Pattern equal to yyyyMMdd. Change the Base Data Type property to the SimpleType property for each field that contains a date.
- C. Change the Data Type property to xs:date and set the Custom Date/Time Format property to yyyyMMdd for each field that contains a date.
- D. Change the Base Data Type property to xs:date and set the MinFacet and MaxFacet properties to yyyyMMdd for each field that contains a date.

Answer: C

Question: 12.

A schema in a BizTalk Server 2010 solution has several elements that contain an email address. A regular expression is defined on each of the elements that contain an email address to validate the email address on incoming messages. You need to create a data type that you can reuse for all the elements. What should you do?

- A. For each of the elements that have the regular expression defined, set the Form property to Qualified.
- B. Select an element that has the regular expression defined. Change the Base Data Type to string and set the Pattern property to the regular expression of an email.
- C. Select an element that has the regular expression defined. Enter a name for the type you want to create in the Base Data Type property. Set that type in the Data Type property for the other elements.
- D. Select an element that has the regular expression defined. Enter a name for the type you want to create in the Data Type property. Set that type in the Data Type property for the other elements.

Answer: D

Question: 13.

A BizTalk Server 2010 solution includes a map that is used in a loan approval process. The input schema contains values for loan amount and yearly salary. The output schema contains a Boolean value that indicates the approval status of the loan. There is a Microsoft .NET helper method in another project within the solution that accepts the two parameters for loan amount and yearly salary and returns the approval status Boolean value. You need to invoke the .NET helper method from a scripting functoid in the map. What should you do?

- A. Add a reference to the project containing the class that contains the method. Reference the method as an external assembly script type in the scripting functoid configuration.
- B. Add a reference to the project containing the class that contains the method. Use the Inline C# script type to reference the assembly in the scripting functoid configuration.
- C. Use the Inline C# script type to reference the class containing the method with a C# using statement.
- D. Use the Inline XSLT script type to reference the class containing the method by its fully qualified assembly name.

Answer: A

Question: 14.

You are developing a BizTalk Server 2010 map. The input schema contains multiple orders in one message. Each order has an Amount field. The output schema contains records named FulfillmentItem with a Price element. Only those orders with an amount greater than 1000 should map to the output schema. You need to add logic to the map to filter out any orders that have an amount less than or equal to 1000. What should you do?

- A. Drag a Greater Than functoid onto the map. Connect the first input of the functoid to the Amount field in the order schema and assign a value of 1000 in the second input. Connect the output of the functoid to the FulfillmentItem record node of the output schema.
- B. Drag a Greater Than functoid onto the map. Connect the first input of the functoid to the Amount field in the order schema and assign a value of 1000 in the second input. Connect the output of the functoid to the Price element of the FulfillmentItem record node of the output schema.
- C. Drag a Value Mapping functoid onto the map. Connect the first input of the functoid to the Amount field in the order schema and connect the record node of the order schema to the second input. Connect the output of the functoid to the FulfillmentItem record node of the output schema.

D. Drag a Less Than functoid onto the map. Connect the first input of the functoid to the Amount field in the order schema and assign a value of 1000 in the second input. Connect the output of the functoid to the FulfillmentItem record node of the output schema.

Answer: A

Question: 15.

You use BizTalk Server 2010 to receive flat file messages from a customer. You create a pipeline for disassembling the flat file messages. When BizTalk receives the messages, the flat file disassembler throws an error because a date is in the wrong format. The customer cannot change the sending application. You implement a custom pipeline component for correcting date formatting errors. You need to create a new pipeline for processing the messages received from the customer. What should you do?

- A. Add the custom pipeline component to the Decode stage. Add the flat file disassembler to the Disassemble stage.
- B. Add the custom pipeline component to the Validate stage. Add the flat file disassembler to the Disassemble stage.
- C. Add the custom pipeline component to the Validate stage. Add the EDI disassembler to the Disassemble stage.
- D. Add the custom pipeline component to the Resolve Party stage. Add the EDI disassembler to the Disassemble stage.

Answer: A

Question: 16.

You are developing a BizTalk Server 2010 orchestration that routes shipping cargo. The orchestration's Transaction Type property has been set to Long Running. Part of the orchestration contains a block of logic for cargo routing. The routing logic is self-contained and makes no external calls that would affect the orchestration's state. You need to ensure that if an exception is thrown, no action taken during the execution of the routing logic block is committed. What should you do?

- A. Add a Scope shape to the orchestration and set its Transaction Type property to Atomic. Add the block of routing logic to the Scope shape.
- B. Add a Scope shape to the orchestration and set its Transaction Type property to Long Running. Add the block of routing logic to the Scope shape.
- C. Add a Scope shape to the orchestration and set its Transaction Type property to None. Add the block of routing logic to the Scope shape.
- D. Add a Scope shape to the orchestration and set its Transaction Type property to None. Add a Group shape and add the block of routing logic to it. Place the Group shape in the Scope shape.

Answer: A

Question: 17.

A BizTalk Server 2010 solution contains an orchestration that sends messages through a logical port with the Binding property set to Specify later. You need to change the orchestration so that the logical port is not bound to a physical port. What should you do?

- A. Set the Type Modifier property of the port type to Private.
- B. Set the Type Modifier property of the port type to Public.

- C. Change the Binding property of the port to Specify now.
- D. Change the Binding property of the port to Direct.

Answer: D

Question: 18.

A BizTalk Server 2010 solution uses an orchestration to send XML documents to various vendors. The XML documents are delivered by an FTP port. The port is configured in the orchestration with the Binding property set to Specify later. You need to ensure that the FTP address of the send port can be specified in the orchestration at run time. What should you do?

- A. Create a new send port group. Add a new FTP send port to the send port group for each vendor. Bind the orchestration to this send port group.
- B. Configure the Binding property for the port in the orchestration to Direct. Set the value of the Microsoft.XLANGs.Core.PortBinding property for this port in the orchestration to the appropriate vendor address.
- C. Configure the Binding property for the port in the orchestration to Dynamic. Set the value of the Microsoft.XLANGs.BaseTypes.Address property for this port in the orchestration to the appropriate vendor address.
- D. Configure the Binding property for the port in the orchestration to Specify now. Bind the orchestration to this new port. Set the value of the Microsoft.XLANGs.BaseTypes.Address property for this port in the orchestration to the appropriate vendor address.

Answer: C

Question: 19.

You are developing a BizTalk Server 2010 solution that has two orchestrations, A and B, that exist in different projects. A message sent between the orchestrations has a promoted property named OrderID that can be used as a unique identifier for the message. The two projects must remain independent from each other. Updates are made to Orchestration B to ensure that the output message promotes the OrderID property when it publishes the message. You need to enable Orchestration A to send a message to Orchestration B and receive a message back when Orchestration B finishes. You create a correlation type on the OrderID property and a new correlation set in Orchestration A . What should you do next?

- A. Set the Receive shape in Orchestration A to initialize the correlation set. Set the Send shape in Orchestration A to follow the correlation set.
- B. Set the Send shape in Orchestration A to initialize the correlation set. Set the Receive shape in Orchestration A to follow the correlation set.
- C. Reference the Orchestration A project from the Orchestration B project. Create a new correlation set in Orchestration B by using the correlation type. Set the Send shape on Orchestration A to initialize the correlation set. Set the Receive shape on Orchestration B to follow the correlation set.
- D. Reference the Orchestration A project from the Orchestration B project. Create a new correlation set in Orchestration B by using the correlation type. Set the Receive shape on Orchestration A to initialize the correlation set. Set the Send shape on Orchestration B to follow the correlation set.

Answer: B

Question: 20.

You are developing a BizTalk Server 2010 orchestration that processes messages received from the BizTalk FILE adapter. You need to retrieve the original file name of the message and store it in a variable named FileName for future processing. What should you do?

- A. Inside an expression shape in the BizTalk Orchestration Designer, use the FILE.ReceivedFileName context property to assign the FileName variable.
- B. Inside an expression shape in the BizTalk Orchestration Designer, use the LEGACY.FilePath context property to assign the FileName variable.
- C. Inside a message assignment shape in the BizTalk Orchestration Designer, use the WSS.Filename context property to assign the FileName variable.
- D. Inside a message assignment shape in the BizTalk Orchestration Designer, use the BTS.MessageType context property to assign the FileName variable.

Answer: A

Question: 21.

A BizTalk Server 2010 solution uses an orchestration to call an external Microsoft .NET assembly. The class on the assembly is not serializable. The Expression shape used to call the .NET assembly is contained within a scope that has its Transaction Type property set to Atomic. The call to the .NET assembly occasionally results in an exception being thrown. You need to handle the exception when it is thrown. Create a new scope with the Transaction Type property set to Long Running. What should you do next?

- A. Add a compensation block to the atomic scope. Drag and drop the atomic scope inside the new scope.
- B. Add an exception handler to the new scope. Drag and drop the atomic scope inside the new scope.
- C. Add an exception handler to the new scope. Drag and drop the atomic scope above the new scope.
- D. Add an exception handler to the new scope. Drag and drop the atomic scope below the new scope.

Answer: B

Question: 22.

A BizTalk Server 2010 solution uses an orchestration that performs several actions. The orchestration uses Expression shapes and Message Assignment shapes. The orchestration has no Scope shapes and the Transaction Type property is set to None. Occasionally, an XLANG exception is thrown in the orchestration. The exception is not handled and the orchestration goes into a suspended state. You need to catch the exception and handle the error. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Add a Scope shape to the orchestration. Place all Expression and Message Assignment shapes within this scope.
- B. Set the Transaction Type property of the orchestration to Long Running. Set the Compensation property of the orchestration to Default.
- C. Add an exception handler. Set the Exception Object Type property to System.SystemException.
- D. Add an exception handler. Set the Exception Object Type property to Microsoft.XLANGs.BaseTypes.XLANGsException.

Answer: A D

Question: 23.

A BizTalk Server 2010 solution contains an orchestration that uses a Scope shape. At run time, an error occurs in a shape that is placed after the Scope shape. The orchestration does not contain logic to compensate for what happened inside the Scope shape. You need to add a compensation block to the Scope shape. What should you do?

- A. Set the Transaction Type property to Long Running. Set the Synchronized property to True.
- B. Set the Transaction Type property to Long Running. Set the Compensation property to Custom.
- C. Set the Transaction Type property to Atomic. Set the Isolation Level property to Read Committed.
- D. Set the Transaction Type property to Atomic. Set the Isolation Level property to Serializable.

Answer: B

Question: 24.

A BizTalk Server 2010 solution processes envelope messages. A receive port uses the XML disassembler pipeline component to split the envelope messages into an interchange of separate child messages. The messages are not validated. The entire interchange fails when the receive pipeline processes the message. You need to ensure that processing continues for the remaining child messages. What should you do on the XML disassembler pipeline component?

- A. Set the Document Schema property to Microsoft.XLANGs.BaseTypes.Any.
- B. Set the Validate document structure property to False.
- C. Set the Recoverable Interchange Processing property to True.
- D. Set the Allow Unrecognized Message property to True.

Answer: C

Question: 25.

A BizTalk Server 2010 messaging-only solution is used to process XML messages. The pipelines used in the receive location and the send port contain the XML validator pipeline component. Routing for failed messages is enabled on both the receive port and the send port. When validation fails on the receive side, messages must be routed to Send Port A . When validation fails on the send side, messages must be routed to Send Port B . You need to create subscriptions for Send Port A and Send Port B . What should you do?

- A. Set the filter for Send Port A to Error.ReceivePortName Exists. Set the filter for Send Port B to Error.SendPortName Exists.
- B. Set the filter for Send Port A to Error.SendPortName Exists. Set the filter for Send Port B to Error.ReceivePortName Exists.
- C. Set the filter for Send Port A to Error.ErrorType == ReceivePort. Set the filter for Send Port B to Error.ErrorType == SendPort.
- D. Set the filter for Send Port A to BTS.ReceivePortName Exists. Set the filter for Send Port B to BTS.SPName Exists.

Answer: A

Question: 26.

You are developing an application in BizTalk Server 2010 to synchronize data. An orchestration contains a request-response port that sends a message to a web service on the destination system. At the end of the calendar year, all the rows of the source tables are updated. This process causes update delays for the destination system. You need to

create a BizTalk Administration console hub query to find out which orchestrations are waiting for their updates to complete and have not encountered an error. Which query expressions should you specify?

- A. Search For Equals Messages and Message Status Equals Suspended
- B. Search For Equals Running Service Instances and Instance Status Equals Dehydrated
- C. Search For Equals Suspended Service Instances and Instance Status Equals Suspended (Resumable)
- D. Search For Equals Suspended Service Instances and Instance Status Equals Suspended (Not Resumable)

Answer: B

Question: 27.

You use BizTalk Server 2010 to develop orchestrations that call private web services for retrieving data. You add custom logging statements throughout the orchestrations. The assembly for the orchestrations is referenced by another BizTalk assembly. The version information for the orchestration assembly cannot change. The custom logging statements should be executed only when they have been enabled through a custom Boolean value. You need to create an option to enable orchestration logging without restarting the BizTalk host instance. What should you do?

- A. Create an application in Enterprise Single Sign-On (SSO) for storing the switch value.
- B. Create an orchestration variable and set a default value.
- C. Create a trace switch in the BTSNTSvc.exe.config file.
- D. Create a trace switch in the web services web.config file.

Answer: A

Question: 28.

A solution in Microsoft Visual Studio 2010 contains a test project with unit tests for a BizTalk Server 2010 schema. When the test project is built, an error occurs that indicates that the tested schema does not contain a definition for ValidateInstance or an extension method with this name. You need ensure that the project builds in Visual Studio 2010 without errors. What should you do?

- A. Set Redeploy to False in the project properties for the schema project.
- B. Set Enable Unit Testing to True in the project properties for the schema project.
- C. Check Enable Code Analysis on Build in the project properties for the test project.
- D. Sign the assembly with a strong name key in the project properties for the schema project.

Answer: B

Question: 29.

A BizTalk Server 2010 solution contains a map that transforms an internal order format into the order format of a supplier. You have examples of the internal order. You need to perform unit testing to make sure that the map works. You add a test project and a test class to the solution. You then add a reference to the project with the map. What should you do next?

- A. Add a reference to Microsoft.XLANGs.BaseTypes and to Microsoft.BizTalk.BaseFunctoids. Use the TestableMapBase class to test the map.
- B. Add a reference to Microsoft.XLANGs.BaseTypes and to Microsoft.BizTalk.BaseFunctoids. Use the

TestableSchemaBase class to test the schema.

C. Add a reference to Microsoft.BizTalk.TestTools and to Microsoft.XLANGs.BaseTypes. Use the TestableMapBase class to test the map.

D. Add a reference to Microsoft.BizTalk.TestTools and to Microsoft.BizTalk.BaseFunctoids. Use the TestableMapBase class to test the map.

Answer: C

Question: 30.

You send data to a Microsoft Windows Communication Foundation (WCF) service from a BizTalk Server 2010 application. You generate supporting artifacts for calling the service from Microsoft Visual Studio by using the Consume WCF Service wizard. You modify the names used in the orchestration to SendWCFPort for the port and to TransmitData for the port operation. In the orchestration, you set the context property BTS.Operation to the operation name. You deploy the BizTalk projects and import the generated binding file to create the send port. You need to configure the SOAP action header for the send port that calls the WCF service. Which operation should be specified in the SOAP action header XML?

- A. SendData
- B. TransmitData
- C. SendWCFPort\SendData
- D. SendWCFPort\TransmitData

Answer: B

Question: 31.

You are integrating BizTalk Server 2010 with a secure Microsoft Windows Communication Foundation (WCF) service that does not have metadata exchange (MEX) enabled. The web service provider distributes an XML schema with a root node named SecretData without a namespace for the data provided by the web service. You generate a BizTalk schema based on the XML schema. You finish developing the application and deploy it for integration testing. When testing the service, you trace the messages received from the service. You see that the response message is within a single element named SecureResponse. SOAP elements wrap the response message and the SecureResponse element. You need to specify the inbound message body properties to ensure that the message can be received. What should you do?

- A. Choose the Body option. Add the useRequestHeadersForMetadataAddress service behavior.
- B. Choose the Envelope option. Add the soapProcessing endpoint behavior with the property processMessages=True.
- C. Choose the Path option. For the body path expression, specify /*[local-name()='SecureResponse']/*[local-name()='SecretData'].
- D. Choose the Path option. For the body path expression, specify /*[local-name()='SecretData']. Add the soapProcessing endpoint behavior with the property processMessages=True.

Answer: C

Question: 32.

You use the BizTalk WCF Service Publishing Wizard to expose a BizTalk Server 2010 orchestration as a Microsoft Windows Communication Foundation (WCF) service. It is exposed with the WCF-BasicHttp binding and a

corresponding receive location is created. The outcome of a recent IT audit has required the use of the WCF-WSHttp binding instead of WCF-BasicHttp. You need to fulfill the audit requirements. What should you do?

- A. Use the WCF Service Publishing Wizard to republish the orchestration. Select WCF-WSHttp as the transport type.
- B. Use the WCF Service Publishing Wizard to republish the orchestration. Use the Metadata only endpoint (MEX) to publish the metadata for the previously created receive location.
- C. In the BizTalk Administration console, modify the receive location and select WCF-WSHttp. Configure the updated port with the endpoint address (URI) of the deployed WCF service.
- D. In the BizTalk Administration console, modify the receive location and select WCF-Custom. Configure the updated port with the endpoint address (URI) of the deployed WCF service. Change the binding type to wsHttpBinding.

Answer: A

Question: 33.

You create a BizTalk Server 2010 application that consumes a Microsoft Windows Communication Foundation (WCF) service. This service uses BasicHttpBinding. An orchestration in the application occasionally processes messages of variable size. You need to accommodate the variable message sizes by specifying the timeout value. Which context property should you use?

- A. WCF.TimeToLive
- B. WCF.OpenTimeout
- C. WCF.LeaseTimeout
- D. WCF.SendTimeout

Answer: D

Question: 34.

A company uses BizTalk Server 2010 to consume a Microsoft Windows Communication Foundation (WCF) service. The service uses a WCF custom endpoint behavior to authenticate requests to the service. You add the endpoint behavior to the global assembly cache (GAC). The company's IT policy prohibits modification of files under the Windows folder. You need to ensure that the endpoint behavior for the send port can be specified. Where should you register the endpoint behavior?

- A. in the registry
- B. in the WCF send handler
- C. in the machine.config file
- D. in the BTSNTSvc.exe.config file

Answer: B

Question: 35.

A BizTalk Server 2010 orchestration consumes a Microsoft Windows Communication Foundation (WCF) service. A request-response call to the WCF service is made inside a non-transactional scope. The scope has an exception handler that has its Exception Object Type property set to the type of the fault operation returned from the service. The handler receives the fault message. The WCF service throws a typed fault exception named WidgetException. You need to extract the exceptions detail node from the fault message. What should you do in the WCF send port

configuration?

- A. Set the Propagate Fault Message option to True. Specify the source of the inbound WCF message body by selecting BizTalk Request Message Body.
- B. Set the Propagate Fault Message option to True. Specify the source of the inbound BizTalk message body by selecting Envelope (soap:Envelope).
- C. Set the Propagate Fault Message option to True. Specify the source of the outbound WCF message body by selecting Template. In the XML expression box, enter the XML of the WidgetException message.
- D. Set the Propagate Fault Message option to True. Specify the source of the inbound BizTalk message body by selecting Path and entering the XPath expression for the WidgetException node.

Answer: D

Question: 36.

You are developing a BizTalk Server 2010 orchestration that consumes a web service located at <http://localhost/ProcessData.asmx>. The orchestration contains a non-transactional scope with an exception handler that handles any SOAP exceptions returned from the web service. The orchestration then completes successfully. After the orchestration completes with exceptions, you notice that the original messages posted to the web service are suspended in the BizTalk Administration console. You need to ensure that the messages are not suspended but are saved in an archive file on a shared server.

What should you do?

- A. In the Administration console, change the send pipeline to PassThruTransmit and enable Ordered delivery in the transport options.
- B. In the Administration console, modify the SOAP send port and enable routing for failed messages. Create a FILE send port with filters `ErrorReport.ErrorType==FailedMessage` and `ErrorReport.OutboundTransportLocation==http://localhost/ProcessData.asmx`.
- C. In Orchestration Designer, modify the SOAP exception handler to send a copy of the original message to a new send port that will transmit the message as a file.
- D. In Orchestration Designer, set Delivery Notification to Transmitted on the request/response port that sends the SOAP message. Create an exception handler with exception type `DeliveryFailureException`. In the handler, send a copy of the original message to a new send port that will transmit the message as a file.

Answer: B

Question: 37.

A BizTalk Server 2010 orchestration calls a Business Rules Engine policy. This policy evaluates test scores to determine whether a candidate passes or fails. The BizTalk solution and the policy are deployed. Business users have decided that the value of a passing score should be raised from 60% to 70%. You need to adjust the policy to reflect the modified rule parameter. What should you do?

- A. Create a new vocabulary in the Business Rules Composer. Add the new parameter to this vocabulary and then publish the vocabulary.
- B. Open the policy in the Business Rules Composer. Create a new version of the policy and edit this version to reflect the changed parameter. Then publish the new version.
- C. Open the policy in the Business Rules Composer. Create a new version of the policy and edit this version to reflect the changed parameter. Then deploy the new version.
- D. Open the policy in the Business Rules Composer and create a different policy with a new name. Then copy the

currently deployed version to the new policy and modify to reflect the changed parameter. Deploy the new policy.

Answer: C

Question: 38.

You are developing a BizTalk Server 2010 orchestration. In the Business Rule Composer, you create and save a policy named BonusPolicy that calculates an employee's bonus based on year-to-date sales. You add a Call Rules shape to the orchestration. In the BizTalk Orchestration Designer, BonusPolicy is not listed in the menu of available policies to call. You need to make the policy available in the Orchestration Designer. What should you do?

- A. Use the Rule Engine Deployment Wizard to export BonusPolicy.
- B. In the Business Rules Composer, publish BonusPolicy.
- C. In the Business Rules Composer, use the Rule Store menu and load policies from the BizTalkRuleEngineDb database.
- D. In the Business Rules Composer, create a vocabulary with a definition that references the XML schema used to evaluate BonusPolicy. Publish the vocabulary.

Answer: B

Question: 39.

You use BizTalk Server 2010 to send EDI purchase orders to three trading partners. All of the trading partners use the same version of the purchase order message but define custom codes for the product types. The trading partners confirm purchase order acknowledgements by email instead of through response messages. The standard purchase order schemas included with BizTalk do not include the custom product type codes for each trading partner. You need to ensure that each trading partners purchase order schema is the schema that is used for orders that are sent to them. What should you do?

- A. Under the transaction set settings for the party, define a local host setting for each trading partner. For the namespace, use the custom namespace you defined for each BizTalk schema.
- B. Under the transaction set settings for the party, define a local host setting for each trading partner. For the namespace, use the default namespace defined by BizTalk for EDI messages.
- C. Under the transaction set settings for the party, define an envelope for each trading partner. For the namespace, use the custom namespace you defined for each BizTalk schema.
- D. Under the transaction set settings for the party, define an envelope for each trading partner. For the namespace, use the default namespace defined by BizTalk for EDI messages.

Answer: C

Question: 40.

A company tracks storage containers and integrates radio frequency identification (RFID) readers with a server shipping management system built on BizTalk Server 2010. You define a custom tag event named ContainerArrivedEvent. You use the RFID manager to add the SqlServerSink component to the RFID process. You need to ensure that the SqlServerSink component logs only the custom tag event. What should you specify for the EventTypes property?

- A. All

- B. Generic
- C. ContainerArrivedEvent
- D. the fully qualified assembly name

Answer: D

Question: 41.

A BizTalk Server 2010 solution uses Business Activity Monitoring (BAM) to collect business information. The solution contains a BAM view named OrderView. After you deploy the view, application users can log on to the BAM portal but the OrderView view does not appear to them. You need to ensure that the BAM portal displays the OrderView view to application users. What should you do?

- A. Use the Business Activity Monitoring Utility (bm.exe) to add a subscription for the OrderView view.
- B. Use the Business Activity Monitoring Utility (bm.exe) to grant the users access to the OrderView view.
- C. Use the BizTalk Tracking Profile Utility (bttdeploy.exe) to redeploy the tracking profile used in this solution.
- D. Create a Microsoft SQL Server logins for the users on the server that hosts the BAMPrimaryImport database.

Answer: B

Question: 42.

A BizTalk Server 2010 messaging solution processes XML messages. The solution uses a single Business Activity Monitoring (BAM) activity and BAM tracking profile to extract content values from the message. Some of the values are bound to a receive port when the message is received. The other values are bound to a send port when the message is transmitted. At run time you find out that instead of one, two records are created in the BAM database for each processed message. One record contains only the values bound to the receive port. The second record contains only the values bound to the send port. You need to ensure that only one record is created that contains all the values for every message. What should you do?

- A. Add a relationship to the tracking profile.
- B. Add a document reference URL to the tracking profile.
- C. Add a continuation and continuation ID to the tracking profile.
- D. In the tracking profile, associate a unique value from the message payload to the ActivityID field.

Answer: C

Question: 43.

You are configuring a BizTalk Server 2010 environment with one server running Microsoft SQL Server for the BizTalk databases and Enterprise Single Sign-On (SSO) store. There are two BizTalk servers. All software has been installed. Both BizTalk servers will share a BizTalk group. You need to complete the installation in this environment. You start the BizTalk Server Configuration wizard on both BizTalk servers. What should you do next?

- A. On BizTalk Server 1, select and apply Basic Configuration. On BizTalk Server 2, select and apply Basic Configuration.
- B. On BizTalk Server 1, select Custom Configuration. Create a new SSO system and BizTalk group on the server running SQL Server. On BizTalk Server 2, select and apply Basic Configuration.
- C. On BizTalk Server 1, select Custom Configuration. Create a new SSO system and BizTalk group on the server running SQL Server. On BizTalk Server 2, select Custom Configuration. Create a new SSO system and BizTalk group on the

server running SQL Server.

D. On BizTalk Server 1, select Custom Configuration. Create a new SSO system and BizTalk group on the server running SQL Server. On BizTalk Server 2, select Custom Configuration. Join the existing SSO system and BizTalk group.

Answer: D

Question: 44.

In a Microsoft Visual Studio solution, you include an existing shared BizTalk Server 2010 project that is used by more than one BizTalk application. You specify that the shared BizTalk project will be deployed to the same BizTalk application as the other BizTalk projects in the solution.

During deployment of the BizTalk project from Visual Studio, you receive the following error:

Failed to add resource(s). Resource (-Type="System.BizTalk:BizTalkAssembly" -Luid="Contoso.SharedComponent, Version=1.0.0.0, Culture=neutral, PublicKeyToken=c4b6d1ca34bb90c0") is already in store and is either associated with another application or with another type. You need to deploy the projects of the solution that reference the shared BizTalk project without errors.

What should you do?

- A. Use the BizTalk Administration console to export the assemblies as a Microsoft Windows Installer (MSI) package for the BizTalk solution.
- B. Use the BizTalk Administration console to import a copy of the MSI package of the shared component into every BizTalk application.
- C. Open Configuration Manager and clear the Deploy check box for all BizTalk projects. Then build and deploy the solution.
- D. Open Configuration Manager and clear the Deploy check box for the shared BizTalk project. Then build and deploy the solution.

Answer: D

Question: 45.

You are moving a BizTalk Server 2010 application from a development environment to a QA environment for the first time. You export a copy of the BizTalk application and include the bindings.

When importing the Microsoft Windows Installer (MSI) file into the QA environment, you receive the following error:

Failed to update binding information. (mscorlib)

&

Cannot update send port "LogContosoMessage". (Microsoft.BizTalk.Deployment)

The following items could not be matched up to hosts due to name and/or trust level mismatches:

Item: 'FILE' Host: 'ContosoLogHost' Trust level: 'Untrusted'

You need to ensure that the MSI file can be imported into the QA environment.

Which artifacts should you create?

- A. a BizTalk application and a FILE send adapter handler that uses the default host
- B. a BizTalk application and a FILE send port named LogContosoMessage that uses the default host
- C. a host named ContosoLogHost, a host instance that uses the default host, and a FILE receive adapter handler that uses the ContosoLogHost host instance
- D. a host named ContosoLogHost, a host instance that uses the ContosoLogHost host, and a FILE send adapter handler that uses the ContosoLogHost host instance

Answer: D

Question: 46.

A BizTalk Server 2010 solution contains multiple applications. One of the applications sends EDI messages to trading partners. The trading partners are defined as parties in the BizTalk Administration console. You need to extract the binding and party information for only the EDI application in an XML file so that you can store that information in source code control. What should you do?

- A. Create a binding file that contains the binding for the BizTalk group.
- B. Create a binding file for one of the assemblies in the EDI application.
- C. Create a binding file for the EDI application and include the party information.
- D. Create a Microsoft Windows Installer (MSI) file for the EDI application and include the party information.

Answer: C

Question: 47.

You are creating a Microsoft Windows Installer (MSI) package for a BizTalk Server 2010 application. The application is currently running on Server A . Server B requires a different binding file that is available on the file system of Server A . The MSI package must be suitable for deployment on both Server A and Server B . You need to deploy the application on Server B . Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. On Server A, add the binding file for Server B as a resource to the application. Create an MSI package.
- B. On Server A, import the binding file for Server B into the application. Create an MSI package.
- C. Deploy the MSI package on Server B and select the correct target staging environment.
- D. Deploy the MSI package on Server B with the default target staging environment.

Answer: A C

Question: 48.

A BizTalk Server 2010 application contains an orchestration with one receive port and one send port. You evaluate the runtime behavior of the orchestration by viewing the promoted properties of any inbound and outbound messages of the orchestration. You need to modify the application so that you can view these promoted properties on the BizTalk Server Group Hub page. What should you do?

- A. In Orchestration Designer, change the Type Modifier property to Public. Redeploy the orchestration.
- B. In Orchestration Designer, change the Report To Analyst property to True. Redeploy the orchestration. Create filters on the receive port receive location that evaluate the messages promoted properties.
- C. In the BizTalk Administration console, modify the orchestration properties. Under Track Message Properties, select the check boxes for incoming and outgoing messages.
- D. In the BizTalk Administration console, modify the orchestration properties. Under Track Message Bodies, select Before orchestration processing and After orchestration processing.

Answer: C

Question: 49.

You change the host-level settings of a BizTalk Server 2010 group named Group1 to optimize the group for a low-

latency scenario. You install and configure another BizTalk Server 2010 group, named Group2. Both BizTalk groups use identical hardware. You need to ensure that the same low-latency optimizations are applied to Group2 as to Group1. What should you do?

- A. From the Administration console, export the host-level settings for Group1. Import the settings on Group2.
- B. From the Administration console, export the default application as MSI file from Group1. Import the application on Group2.
- C. From the Administration console, export all applications as Microsoft Windows Installer (MSI) files from Group1. Import the applications on Group2.
- D. From Microsoft SQL Server Management Studio, create a backup of the BizTalk management database of Group1. Restore this backup on Group2.

Answer: A

Question: 50.

A BizTalk Server 2010 application is deployed and running. The application has a long-running orchestration with only a single Receive shape that activates the orchestration. There are currently instances of this orchestration in the dehydrated state. You need to make sure that no new orchestration instances are started but that existing instances are allowed to complete. What should you do?

- A. Stop all host instances.
- B. Suspend any running orchestration service instances.
- C. Stop the application with the option Partial Stop Suspend running instances.
- D. Stop the application with the option Partial Stop Allow running instances to continue.

Answer: D
