



Exam : 74-135

Title : Developing E-Business Solutions Using  
MS BizTalk Server 2004

Ver : 11.03.06

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**QUESTION 1:**

You are designing an application that will perform ordered message delivery, ensuring first-in-first-out (FIFO) processing of all messages.  
Which adapter should you use?

- A. File
- B. MSMQT
- C. SQL
- D. SOAP
- E. HTTP

Answer: B

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**QUESTION 2:**

You are creating a Microsoft BizTalk orchestration for Certkiller .com.  
You plan to have two Receive shapes in a Parallel shape that must receive one approval message each from two different managers before they continue the execution of the process. The first Receive shape (Recv1) is for the first manager, and the second Receive shape (Recv2) is for the second manager. It does not matter who approves the message first.  
You want to use correlation to correlate the approval messages. You create correlation type Type1 and a correlation set named Set1.  
You need to make this correlation work.  
What should you do?

- A. Configure Recv1 to use Set1 as its Initializing Correlation Set. Then configure Recv2 to use Set1 as its Following Correlation Set.
- B. Configure Recv1 to use Set1 as its Following Correlation Set. Then configure Recv2 to use Set1 as its Initializing Correlation Set.
- C. Add a Send shape that initializes Set1, and then configure each of the Receive shapes to follow Set1.
- D. Add a Send shape that initializes Set1, and then configure each of the Receive shapes to initialize Set1.

Answer: C

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**QUESTION 3:**

You are designing a solution that processes a message and then performs two Microsoft SQL Server updates. You want to ensure that none of these transactions will be performed unless all three will be performed.  
What should you do?

- A. Create all three transactions within a long-running transaction scope. Then use the SQL adapter to update SQL Server.
- B. Create a long-running transaction scope, create delivery notifications for the send port, and use the SQL adapter to update SQL Server.
- C. Create a helper class to do the SQL updates, and call it from an atomic transaction scope that also includes the file pickup.
- D. Mark the orchestration as being a long-running transaction, and use the SQL adapter to update SQL Server

Answer: C

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#### **QUESTION 4:**

You are planning a Microsoft BizTalk Server 2004 orchestration. You want to send a message from within an orchestration back to the MessageBox database for delivery to multiple destination systems. You are planning to create and configure a send port for each destination system, in such a way that the filter on each send port determines which system subscribes to which messages. You want the solution to remain loosely coupled. You need to configure your orchestration send port. What should you do?

- A. Select Specify Now for the port binding and configure the subscription properties by using the Port Configuration Wizard.
- B. Select Specify Later for the port binding and create and configure the send ports?? subscription properties by using BizTalk Explorer.
- C. Select Dynamic for the port binding and configure the subscription properties by using the Port Configuration Wizard.
- D. Select Direct for the port binding and create and configure the send ports?? subscription properties by using BizTalk Explorer.

Answer: D

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#### **QUESTION 5:**

You want to receive all messages that have the same purchase order number, and to combine all such messages in the order in which they are received into a single message. Which Microsoft BizTalk design pattern should you use?

- A. Batching pattern
- B. Sequential convoy pattern
- C. Parallel convoy pattern
- D. Orchestration with Loop shape

Answer: B

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**QUESTION 6:**

You are designing a trading partner application for Certkiller .com. A partner wants to send Certkiller .com a document that contains multiple encrypted and signed messages. You want to process this document by using only one component. What should you do?

- A. Use a receive pipeline and provide a decode stage in order to decrypt and/or sign the messages.
- B. Use a send pipeline and provide an encode stage in order to encrypt and/or sign the messages.
- C. Use a receive pipeline and provide a decode stage in order to decrypt and/or validate the digital signatures of the messages
- D. Use a send pipeline and provide an encode stage in order to encrypt and/or validate the digital signature of the messages.

Answer: C

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**QUESTION 7:**

Use a send pipeline and provide an encode stage in order to encrypt and/or validate the digital signature of the messages.

- A. No compensation behavior is provided by default
- B. Only compensations of any nested transactions within the current transaction are invoked.
- C. All compensations within the orchestration are invoked
- D. Only nested compensations that have the same exception handler are invoked.

Answer: B

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**QUESTION 8:**

You want to create a Microsoft BizTalk EAI application. You want this application to integrate messages that are received from a mainframe computer, a legacy accounting system, and a legacy scheduling system.

You have configured formatting specifications so that all exported files are in the same format. Each of the three systems exports its files to a separate location in the file system, and the coding that controls these export file system locations cannot be changed.

You need to receive these messages by BizTalk.

What should you do?

- A. Create a Microsoft Windows service that listens to the three export locations and then moves all files from those locations to a single central location. Point a BizTalk receive function to this location.
- B. Create three separate BizTalk receive ports, using the same maps and schemas in each

one

C. Create three separate BizTalk receive ports, using the same receive location in each one

D. Create one BizTalk receive port, and create three separate receive locations.

Answer: D

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**QUESTION 9:**

You are designing an orchestration that uses exception handling. This orchestration includes a long-running transaction that calls other transactions that manage an order-placement-and-shipment process. You do not plan to provide compensation code for transaction failure.

By default, how does Microsoft BizTalk Server handle compensation for this transaction?

A. The runtime engine performs a default compensation that invokes the compensations of any atomic transactions in the current transaction. The runtime engine first invokes the compensation of the most recently completed atomic transaction. Then it works backward until it has compensated all atomic transactions.

B. The runtime engine performs a default compensation that invokes the compensations of any nested transactions in the current transaction. The runtime engine first invokes the compensation of the most recently completed transaction. Then it works backward until it has compensated all nested transactions.

C. The runtime engine performs a default compensation that invokes only the compensation of the topmost transaction.

D. The runtime engine performs no default compensation.

Answer: B

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**QUESTION 10:**

You are developing a custom adapter for Certkiller .com. You have completed the writing of your adapter code. Your administrator wants to deploy the adapter by using the Microsoft BizTalk Administration console.

You need to ensure that your adapter installation routine registers the adapter programmatically.

What should you do?

A. Arrange for your installation program to add the adapter programmatically by using BizTalk Windows Management Instrumentation (WMI) methods.

B. Create a .reg file either by using the Adapter Registration Wizard or by modifying the sample registry files that are included in the software development kit (SDK), and then arrange for your installation program to use this .reg file.

C. Add a schema to your adapter project and then import the framework configuration extensions.

D. Use the BTSInstaller utility to package your Microsoft BizTalk Server solutions into a

Microsoft Installer (MSI) file.

Answer: B

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**QUESTION 11:**

Terry wants to see a real-time aggregation of transactions while they happen in the system.

Which tool should Terry use?

- A. BAS (Business Activity Services)
- B. BAM (Business Activity Monitoring)
- C. TPE (Tracking Profile Editor)
- D. HAT (Health Activity Tracking)

Answer: B

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**QUESTION 12:**

Sandra successfully installs Microsoft BizTalk Server 2004 on her computer. Sandra tries to track messages by using Health and Activity Tracking (HAT), but HAT is not functioning properly. Sandra has installed the Microsoft Office 2000 Web Components and has made sure that the Microsoft SQL Server service is running. He is a member of both the local administrators group and the BizTalk Server administrators group for her computer.

What else should she do?

- A. Join the Debug Users group on his computer
- B. Start the SQL Server Agent service
- C. Install the Office 2003 Web Components
- D. Install the SQL Server networking tools for BizTalk Server 2004

Answer: B

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**QUESTION 13:**

You are an administrator of a deployed Microsoft BizTalk solution. You want to unenlist a BizTalk send port and have the appropriate permissions.

Which tools can you use? (Choose all that apply.)

- A. BizTalk Mapper within Microsoft Visual Studio? .NET
- B. BizTalk Server Administration console
- C. Microsoft Windows? Management Instrumentation (WMI) SDK
- D. Health and Activity Tracking (HAT) tool
- E. BizTalk Explorer within Visual Studio .NET

Answer: B,C,E

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**QUESTION 14:**

You create a Microsoft BizTalk application that receives messages from a host computer by using File Transfer Protocol (FTP) over the Internet. You want to provide the highest level of security possible for messages that are transferred by using FTP. What should you do?

- A. Configure Enterprise Single Sign-On (SSO) for the FTP adapter.
- B. Configure the Secure FTP (SFTP) protocol for the FTP adapter.
- C. Configure encryption for the transmitted messages.
- D. Configure appropriate firewall settings.
- E. Install and configure the FTP adapter in a separate host instance.

Answer: C

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**QUESTION 15:**

You have a content-based routing configuration that you want to deploy to the production environment. This deployment contains no assemblies. You have already deployed the necessary schemas and maps. What should you do?

- A. Configure the filter on the send port to match the configuration created in the development environment.
- B. In the Microsoft BizTalk Deployment Wizard, select Export BizTalk assembly binding to file, and then select Export items not associated with any assembly.
- C. In the BizTalk Deployment Wizard, select Deploy BizTalk assembly to database.
- D. In the BizTalk Deployment Wizard, select Export BizTalk assembly binding to file, and then select Export items bound to a single assembly

Answer: B

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**QUESTION 16:**

You are the administrator of the Microsoft BizTalk Server 2004 servers. You want to create an additional BizTalk host. What should you do?

- A. Use the BizTalk Administration console to create a new BizTalk host
- B. Use BizTalk Explorer to create a new BizTalk host.
- C. Install an additional BizTalk server on a separate server, and then join the new server to the existing BizTalk group
- D. Use the BizTalk Deployment Wizard to deploy the existing application to an

additional BizTalk Server.

Answer: A

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**QUESTION 17:**

You plan to test a custom pipeline component. You want to make modifications to the code after each test run, and you want to make these modifications as quickly as possible. What should you do?

- A. Create the pipeline component, create the send ports and receive ports, and then deploy the assembly. Test the solution, make the appropriate changes, and then redeploy the assembly.
- B. Use the XMLAsm.exe tool, passing in the document and schema.
- C. Use the FFAsm.exe tool, passing in the document and schema.
- D. Use the Pipeline.exe tool, passing in the document and schema.

Answer: D

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**QUESTION 18:**

You want to isolate your send port to run in the process of a specific host. You find a selector for specifying the host for your receive ports, but you cannot find a selector for specifying the host for your send port. You need to specify a host for the send port. What should you do?

- A. Use content-based routing to send the message to the appropriate transport adapter in the send port.
- B. In the Send Port Properties dialog box, specify values for the properties in the Filters section.
- C. In the Microsoft BizTalk Administration console, set the host for the specific adapter in the Adapters folder.
- D. In the BizTalk Administration console, set the appropriate information in the Hosts folder.

Answer: C

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**QUESTION 19:**

You deploy a new Microsoft BizTalk solution in your production environment. After two weeks, you notice that your MessageBox has grown very rapidly and now requires 30 gigabytes of storage space. All messages are being processed properly, and there are no errors in the event log. What should you do?



- A. Add more storage to the Microsoft SQL Server? computer.
- B. Create an additional host instance and configure the Microsoft BizTalk Server computers to run it.
- C. Ensure that the SQL Agent service is running.
- D. Restart the BizTalk Service

Answer: C

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**QUESTION 20:**

You have deployed a new Microsoft BizTalk solution in your production environment at Certkiller .com. You have two Microsoft BizTalk Server computers running the same host instance.

You notice that messages are backing up throughout the day when volume spikes. You discover that the processors on both BizTalk Server computers are running only at about 20 percent utilization during the spikes, and that the Microsoft SQL Server with the MessageBox is running only at about 10 percent utilization.

You need to resolve this problem as simply as possible.

What should you do?

- A. Add a third BizTalk Server computer and configure it to run the existing host instance.
- B. Create a second host instance and configure the existing BizTalk Server computers to run it in addition to the existing host instance.
- C. Add more memory to the SQL Server computer.
- D. Add more receive locations for load balancing.

Answer: B

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**QUESTION 21:**

Certkiller .com has two Microsoft BizTalk development systems, one for the Accounting group and one for the Procurement group. You are a BizTalk developer and have been working in the Accounting group, but now you are required to work in the Procurement group. You want to configure the necessary change with the least possible effort.

What should you do? (Choose two.)

- A. Add your Microsoft BizTalk Server computer as an instance of the default BizTalkServerApplication host of the Procurement group.
- B. Use Add or Remove Programs to uninstall BizTalk Server, and then reinstall BizTalk Server.
- C. Run ConfigFramework.exe /u to remove your BizTalk Server computer from the Accounting group.
- D. Run ConfigFramework.exe to add your BizTalk Server to the Procurement group
- E. In the BizTalk Administration console, in the properties settings for your BizTalk Server computer, change the Database Connections so that they reference the databases used in the Procurement group.

Answer: C,D

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**QUESTION 22:**

You want to add a custom pipeline component assembly to your Microsoft BizTalk pipeline component tool palette to be used in a BizTalk receive pipeline.

You have compiled and copied the assembly dynamic-link library (DLL) to the BizTalk pipeline component folder. However, when you try to add the custom pipeline component to your tool palette, you receive the following error message:

"PIPELINE COMPONENT ERROR: You have selected an invalid pipeline component assembly. Please check security settings for the assembly if you are loading it from a UNC path."

You need to correctly add the pipeline component to your Microsoft Visual Studio? pipeline tool palette.

What should you do?

- A. Change the file permissions on the DLL file to give the Everyone group full access rights to the file.
- B. Add the ComponentCategory(CategoryTypes.CATID\_PipelineComponent) attribute to the assembly, and then recompile and recopy the updated assembly.
- C. Add the ComponentCategory(CategoryTypes.CATID\_Receiver) attribute to the assembly, and then recompile and recopy the updated assembly
- D. Add the ComponentCategory(CategoryTypes.CATID\_Any) attribute to the assembly, and then recompile and recopy the updated assembly.

Answer: B

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**QUESTION 23:**

You are installing Microsoft BizTalk Server in a multiple computer environment in which the BAS components and the BizTalk hosts are on different computers. You want to use BAS to automate trading partner exchanges.

What should you do before starting the actual BizTalk installation? (Choose two.)

- A. Install SQL Analysis services on the Microsoft SQL Server?.
- B. Stop the MSMQT service on the BizTalk Server computer.
- C. Install Microsoft Windows SharePoint? Services on the BAS computer.
- D. Disable the SQL Agent service on the SQL Server.
- E. Install the MSMQT adapter on the BizTalk Server computer.
- F. Install Microsoft InfoPath? on the BAS computer.

Answer: C,E

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**QUESTION 24:**

You deploy a new Microsoft BizTalk order processing solution in your production environment. You are using BAM to report order processing metrics. The business process is running correctly, and there are no errors in the event log. Using Microsoft SQL Analysis Manager, you discover that although the OLAP cubes have been created, they contain no data. Using SQL Enterprise Manager, you discover that the primary import tables also exist, but they also contain no data. Only one version of the assembly is deployed, and it is the version that contains the orchestration you instrumented.

You need to populate the OLAP cubes with data.

What should you do?

- A. Start the invoice processing orchestration.
- B. Deploy the tracking profile for the invoice processing solution.
- C. Start the BAM Event Bus service.
- D. Run Microsoft Office Excel and ensure that it can access the invoice processing cubes.

Answer: C

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**QUESTION 25:**

You are configuring Microsoft BizTalk Server 2004 on a Microsoft Windows Server? 2003 computer by using ConfigFramework.exe. When you try to connect to Microsoft SQL Server?, you receive an error. You discover that the SQL Server computer you are trying to connect to is in a domain that is not part of your Microsoft Active Directory? directory service forest.

You need to connect to the SQL Server computer.

What should you do? (Choose two.)

- A. Use a SQL Server computer that is in the same domain.
- B. Establish a cross-domain trust.
- C. Turn off remote procedure call (RPC) security.
- D. Set up the appropriate security by using the ISA Proxy client.

Answer: B,C

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**QUESTION 26:**

You want to use Microsoft BizTalk Server to communicate with trading partners, but you have incomplete information about their business process configurations.

You need to begin communicating with suppliers as quickly and easily as possible.

What should you do?

- A. Enclose information that the trading partners need about your BizTalk Server implementation in a Hub SEED package.
- B. Obtain a Spoke SEED package from each of the trading partners to configure your BizTalk Server site to communicate with each of the trading partners.

- C. Enclose information that the trading partners need about your BizTalk Server implementation in a Spoke SEED package.
- D. Obtain a Hub SEED package from each of the trading partners to configure your BizTalk Server site to communicate with each of the trading partners.

Answer: A

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**QUESTION 27:**

You create a new vocabulary, save vocabulary definitions to it, save and publish the vocabulary, and deploy it to the rule store. Later, the business process changes, and you want to change the published vocabulary.  
What should you do?

- A. Make the changes to the existing vocabulary, and then save the changes to the same rule store.
- B. Undeploy the original version of the vocabulary, make the changes to that original version, and then save the changed version to the same rule store.
- C. Create a new version of the vocabulary, and then save and publish the new version and deploy it to the same rule store.
- D. Export the original version of the vocabulary from a SQL rule store into a file rule store.

Answer: C

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**QUESTION 28:**

You are configuring an IIS application pool to run a Web-service proxy for an orchestration.  
Which group account or accounts must you use as the security identity?

- A. The local Administrators group and the Microsoft BizTalk Administrators group
- B. The BizTalk BAS Web Services group
- C. The IIS\_WPG group and the BizTalk Isolated Host Users group
- D. The IIS\_WPG group and the BizTalk Host Users group

Answer: C

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**QUESTION 29:**

In an orchestration, you want to block processing until either a message arrives or a timeout occurs.  
Which Orchestration Designer shapes should you use? (Choose three.)

- A. Listen
- B. Delay

- C. Parallel
- D. Receive
- E. Loop
- F. Call Orchestration

Answer: A,B,D

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**QUESTION 30:**

You want to permit Maria to install and configure HWS Web services.  
Which group must you make Maria a member of?

- A. Workflow Administrators group on the Microsoft Windows Server? 2003 computer
- B. Workflow Designers group on the Microsoft SQL Server?
- C. HWS Administrators group on the SQL Server
- D. HWS Users group on the Windows Server 2003 computer

Answer: C

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**QUESTION 31:**

You create a send port in Orchestration Designer. You do not have all of the information required to complete the binding information for this port.  
What value should you provide to create the send port?

- A. The pipeline to be used for the orchestration.
- B. The location to be communicated with via the orchestration.
- C. The port type that describes the port.
- D. The known port on a partner orchestration

Answer: C

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**QUESTION 32:**

You want to base the routing of a message on data values that do not exist in the message itself.  
What should you do? (Choose three.)

- A. Create a property schema that has the required routing properties
- B. In the message schema, promote those properties by using the new property schema
- C. In the message schema, create distinguished properties.
- D. Use the XPath function in an orchestration
- E. For each property, set the Property Schema Base property to a value of MessageContextPropertyBase.
- F. In .NET code called either from a pipeline component or from an orchestration, set the data values for each property.

Answer: A,E,F

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**QUESTION 33:**

You want to create a custom pipeline component to be used in the send port of your Microsoft BizTalk application.

Which interfaces should you implement? (Choose all that apply.)

- A. IBaseComponent
- B. IComponentUI
- C. IComponent
- D. IPersistPropertyBag
- E. IBaseMessagePart

Answer: A,B,C,D

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**QUESTION 34:**

You create a Microsoft BizTalk map. In the map, you want to copy the contents of a source element to a destination element, but only if another source element has a specified value.

Which functoids should you use? (Choose two.)

- A. Logical Equal
- B. Absolute Value
- C. String Concatenate
- D. Value Mapping
- E. String Extract

Answer: A,D

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**QUESTION 35:**

In your schema, you promote an element that will be used in a custom pipeline component. You code your custom pipeline component to use the Read method, and you find that there are no compilation errors.

When you deploy your component and inspect the return value from the message context, you find that you have received a result of undefined value.

You need to find out whether the element that you promoted is registered with Microsoft BizTalk Server.

What should you do?

- A. Create a message envelope and then resubmit your message.
- B. In HAT, on the Configuration menu, click Pipeline.
- C. In HAT, on the Reporting menu, click Message Metrics.

D. In HAT, query for all running message instances and view the message details

Answer: D

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**QUESTION 36:**

You create an atomic transaction in your orchestration. After the atomic transaction, you add a Start Orchestration shape that calls another orchestration. When will the Start Orchestration action begin?

- A. After the atomic transaction has been isolated
- B. Before the atomic transaction has been isolated
- C. After the atomic transaction has been committed
- D. After the atomic transaction has completed its steps but before the transaction has been committed

Answer: C

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**QUESTION 37:**

You want to create a Microsoft BizTalk application that polls a Microsoft SQL Server? database for messages to be processed by an orchestration. How can you do this? (Choose three.)

- A. Install the SQL receive adapter
- B. Install the SQL send adapter
- C. Configure a SQL Server Agent job
- D. Configure a stored procedure for the SQL adapter
- E. Configure a select statement for the SQL adapter

Answer: A,D,E

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**QUESTION 38:**

You expose an orchestration as a Web service. You want to provide an alternate entry point where files can be dropped into a folder. You need to provide this alternate entry point without making any orchestration changes and without redeploying the solution. What should you do?

- A. Add another receive port and bind it to the orchestration.
- B. Add a second file receive location to the already bound receive port.
- C. Add another send port and bind it to the orchestration.
- D. Add a second receive file location and bind it to the orchestration.

Answer: B

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**QUESTION 39:**

You want to implement manual exception handling for a message transformation. You add a scope to the orchestration and then add a Transform shape to the scope. You need to catch XML exceptions and to perform the proper processing in the exception handling shape. What should you do?

- A. Set the scope transaction type to Long Running, add a new exception handler, and specify the exception type as General Exception.
- B. Set the scope transaction type to Long Running, add a new exception handler, and specify the exception type as System.SystemException
- C. Set the scope transaction type to Atomic, add a new exception handler, and specify the exception type as General Exception.
- D. Set the scope transaction type to Long Running, add a new exception handler, and specify the exception type as System.Xml.XmlException

Answer: D

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**QUESTION 40:**

You acquire a schema from a corporate repository. This acquired schema includes most, but not all, of the elements that you want to include in a schema that you are creating. You cannot modify the acquired schema, and it has a different namespace than your schema has. You want to use elements of the corporate schema in your schema. What should you do?

- A. Cut and paste the desired items from the corporate schema into your schema.
- B. Use the Import mechanism of the schema editor.
- C. Use the Include mechanism of the schema editor.
- D. Use the Redefine mechanism of the schema editor.

Answer: B