



Exam : 070-235

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

Ver : 09.04.07

QUESTION 1:

You work as a Network Administrator at Certkiller .com. The Certkiller .com network consists of a single Active Directory domain named Certkiller .com. All servers on the Certkiller .com network run Windows Server 2003 and all client computers run Windows XP Professional. The Certkiller .com network contains a server named Certkiller -SR23. Microsoft Office Excel 2003 with Service Pack 2, Microsoft SQL Server 2000 with Service Pack 4, SQLXML 3.0 with Service Pack 3, and Microsoft .NET Framework 1.2 is installed on Certkiller -SR35. You have instructed to install and configure Microsoft BizTalk Server 2006 on Certkiller -SR35. When you attempt to install BizTalk Server 2006 you discover that you are unable to. You need to ensure that you can install BizTalk Server 2006 on Certkiller -SR35. What should you do? (Each correct answer presents part of the solution. Choose TWO)

- A. Reinstall SQLXML 3.0 with Service Pack 3 on Certkiller -SR35.
- B. Uninstall Microsoft .NET Framework 1.2 on Certkiller -SR35.
- C. Install Microsoft .NET Framework 2.0 on Certkiller -SR35.
- D. Upgrade to Certkiller -SR23 to Microsoft SQL Server 2005.

Answer: B, C

Explanation: The Microsoft .NET Framework 2.0 is required to install BizTalk Server 2006. However you must first uninstall the Microsoft .NET Framework 1.2 before you install Microsoft .NET Framework 2.0.

Incorrect Answers:

- A: BizTalk Server 2006 supports Microsoft .NET Framework 2.0; therefore reinstalling SQLXML 3.0 with Service Pack 3 will not resolve this problem.
- C: BizTalk Server 2006 supports Microsoft SQL Server 2000 with Service Pack 4 or later; therefore you do not need to upgrade to SQL Server 2005.

QUESTION 2:

You work as a Network Administrator at Certkiller .com. The Certkiller .com network consists of a single Active Directory domain named Certkiller .com. All servers on the Certkiller .com network run Windows Server 2003 and all client computers run Windows XP Professional. The Certkiller .com network contains a server named Certkiller -SR23. Microsoft Office Excel 2003 with Service Pack 2, Microsoft SQL Server 2000 with Service Pack 3, SQLXML 3.0 with Service Pack 3, and Microsoft .NET Framework 2.0 is installed on Certkiller -SR23. You have instructed to install and configure Microsoft BizTalk Server 2006 on Certkiller -SR23. When you attempt to install BizTalk Server 2006 you discover that you are unable to. You need to ensure that you can install BizTalk Server 2006 on Certkiller -SR23. What should you do? (Each correct answer presents a complete solution. Choose TWO)

- A. Reinstall SQLXML 3.0 with Service Pack 3 on Certkiller -SR23.
- B. Uninstall Microsoft .NET Framework 2.0 on Certkiller -SR23 and install Microsoft .NET Framework 1.1.
- C. Upgrade to Certkiller -SR23 to Microsoft SQL Server 2005.
- D. Install Service Pack 4 for Microsoft SQL Server 2000 on Certkiller -SR23.

Answer: C, D

Explanation: BizTalk Server 2006 only supports Microsoft SQL Server 2000 with Service Pack 4 or later; therefore you should upgrade to SQL Server 2005 or install Service Pack 4 for Microsoft SQL Server 2000.

Incorrect Answers:

A: BizTalk Server 2006 only supports Microsoft SQL Server 2000 with Service Pack 4 or later; therefore reinstalling SQLXML 3.0 with Service Pack 3 will not resolve this problem.

B: The Microsoft .NET Framework 2.0 is required to install BizTalk Server 2006. Therefore you should not downgrade the .NET Framework to version 1.1.

QUESTION 3:

You work as a Microsoft BizTalk Server 2006 System Administrator at Certkiller .com. Certkiller .com has a multiple environment that includes Development, Quality Assurance, and Production. You need to install BizTalk Server 2006 in each of the three Certkiller.com environments. Each environment will require two BizTalk Server 2006 servers. You want to accomplish this task as efficiently as possible. What should you do? (Choose all that apply.)

- A. Use the Hub Monitoring page in the BizTalk Administration Console.
- B. Simultaneously distribute multiple Spoke Super Efficient and Effective Deployment (SEED) deployment packages.
- C. Implement automatic installation of requisite redistributable components.
- D. Use the Configuration Manager utility to export custom configuration settings.
- E. Leverage static methods in the BizTalk Rules Engine (BRE).

Answer: C, D

Explanation: You can use the Configuration Manager utility in BizTalk Server 2006 to import and export custom configuration settings. You can also allow the BizTalk Server 2006 Setup utility to handle the installation of many of the requisite redistributable components.

Incorrect Answers:

A: The Hub Monitoring page can be used to administer multiple BizTalk Servers but it cannot be used to facilitate the installation of BizTalk Server 2006.

B: BizTalk Server 2006 does not support Super Efficient and Effective Deployment (SEED) deployment.

E: The BizTalk Rules Engine (BRE) cannot be used to facilitate the installation of BizTalk Server 2006.

QUESTION 4:

You work as a Microsoft BizTalk Server 2006 Architect at Certkiller .com. Certkiller .com has a partner named Testlabs.com. You constructed a schema for input messages from TestLabs.com. You now need to test your schema. You obtain sample input file from TestLabs.com in a standard XML file format named tl_sample.xml. You must now proceed to test your schema.

What should you do? (Each correct answer presents part of the solution. Choose TWO.)

- A. Set the Validate Instance Input Type to XSD.
- B. Set the Input Instance Filename property of the schema file to point to the tl_sample.xml file.
- C. In the BizTalk Solution Explorer, right-click the schema file and select the Validate Instance from the context menu.
- D. In the BizTalk Explorer, right-click the schema file and select Generate Instance from the context menu.

Answer: B, C

Explanation: You must specify the input file named in the Input Instance Filename property of the schema file allows you to specify an input file for testing against that schema. You must then validate the instance document by right-click the schema file in the BizTalk Solution Explorer and selecting Validate Instance.

Incorrect Answers:

- A: You are validating an XML instance file; therefore you should not change the default setting for Validate Instance Input Type, which is XML.
- D: The BizTalk Explorer does not support schema files. You therefore cannot right-click the schema file in BizTalk Explorer.

QUESTION 5:

You work as a Microsoft BizTalk Server 2006 Architect at Certkiller .com. Certkiller .com has a partner named Testlabs.com. You constructed a schema for input messages from TestLabs.com. The schema contains a node named 'Phone'. You obtain sample input file from TestLabs.com in a standard XML file format named tl_sample.xml to test your schema. During testing, you discover that not all records in the tl_sample.xml file have a 'Phone' node. You need to configure your schema to make allowance for this.

What should you do?

- A. Set the MaxOccurs property on the schema node to 1.
- B. Set the MaxOccurs property on the Phone node to 1.
- C. Set the MinOccurs property on the schema node to 0.
- D. Set the MinOccurs property on the Phone node to 0.

Answer: D

Explanation: You must set the MinOccurs property of the node to 0 to indicate that the element corresponding to the node need not occur in all instance messages.

Incorrect Answers:

A, C: The schema node does not support a MaxOccurs or MinOccurs property.

B: The MaxOccurs property indicates that the element corresponding to the node cannot occur more than the specified number of times in an instance message. However, you must set the MinOccurs property of the node to 0 to indicate that the element corresponding to the node need not occur in all instance messages.

QUESTION 6:

You work as a Microsoft BizTalk Server 2006 Architect at Certkiller .com. You need to implement process isolation in the Certkiller .com BizTalk system. You plan on using multiple Hosts for accomplish process isolation.

The Certkiller .com CEO is concerned that the system you are designing may be vulnerable to Information Disclosure attacks. You need to address this concern in your design.

What should you do?

- A. You should create a separate service account for each Host.
- B. You should create a single service account for all Hosts and assign the account the minimal required permissions.
- C. You should place the username and password for all service account in a bindings file.
- D. You should use a single Host in your design.

Answer: A

Explanation: The service account for a Host must have Log on as Service permissions on the system where the Host resides. Therefore you can mitigate the potential for information disclosure attacks by ensuring that each Host uses a separate service account.

Incorrect Answers:

B: Using a single service account for all Hosts will mean that a malicious user will have access to all Hosts in the system as the service account for a Host must have Log on as Service permissions on the system where the Host resides.

C: Binding files do not encrypt service account credentials and do not protect them from malicious users.

D: A single Host will not provide process isolation.

QUESTION 7:

You work as a Microsoft BizTalk Server 2006 Architect at Certkiller .com. Certkiller.com has several business partners. Certkiller .com expects its to change some of its business partners within the next year. Certkiller .com wants to deploy a large public-facing BizTalk application that must include all its current business partners.

You are instructed design the deployment strategy.

The Certkiller .com CEO is concerned that a business partner may implement a Denial of Service attack when

the relationship with that business partner is terminated. You need to address this concern in your design. What should you do? (Choose all that apply.)

- A. Use Health and Activity Tracking (HAT) queries to examine messages that pass through the BizTalk application.
- B. Configure the Certkiller .com firewall to only accept ingress traffic from the IP addresses of Certkiller .com business partners.
- C. Set the Authentication Required property on all Receive Ports.
- D. Limit the size of incoming messages that BizTalk can receive.

Answer: C, D

Explanation: You can set the Authentication Required property on all Receive Ports to ensure that only messages from parties that BizTalk is aware of will be accepted. You can also limit the size of incoming messages to minimize the load on your system when a Denial of Service attack is attempted.

Incorrect Answers:

A: Health and Activity Tracking (HAT) queries will allow you to monitor of suspicious messages only after they have entered the BizTalk application.

B: You would need to reconfigure the IP address filter on the firewall once a business partner changes. This would not really be a design feature but an administrative task.

QUESTION 8:

You work as a Microsoft BizTalk Server 2006 Administrator at Certkiller .com. The Certkiller .com network contains a Windows XP Professional client computer named Certkiller -WS235.

You have been instructed to implement a BizTalk Development Workstation on the Certkiller .com network. You

want to configure Certkiller -WS235 to serve as the BizTalk Development Workstation. You need to ensure that Certkiller -WS235 can be used as the BizTalk Development Workstation. You install Microsoft BizTalk Server 2006 on Certkiller -WS235.

What should you do next? (Choose all that apply.)

- A. Install Microsoft Visual Studio .NET 2005 on Certkiller -WS235.
- B. Install Microsoft Excel 2003 and Microsoft InfoPath 2003 with SP2 on Certkiller -WS235.
- C. Install Microsoft Data Access Components (MDAC) 2.8 with SP1 on Certkiller -WS235.
- D. Install Microsoft .NET Framework 2.0 on Certkiller -WS235.

Answer: A, B

Explanation: Visual Studio .NET 2005 is the primary development environment for Microsoft BizTalk Server 2006 while Excel 2003 and InfoPath 2003 SP2 are required for Business Activity Services (BAS) and Business Activity Monitoring (BAM) support in Microsoft BizTalk Server 2006.

Incorrect Answers:

C, D: The MDAC and .NET Framework 2.0 are critical components of Microsoft BizTalk Server 2006 but they are installed as part of the installation process for Microsoft BizTalk Server 2006. Therefore you do not need to install the MDAC and .NET Framework 2.0 separately.

QUESTION 9:

You work as a Network Administrator at Certkiller .com. The Certkiller .com network consists of a single Active Directory domain named Certkiller .com. The Certkiller .com network contains a Windows XP Professional client computer named Certkiller -WS235. Certkiller -WS235 is configured as a stands-alone Microsoft BizTalk Server 2006 Development Workstation.

A Microsoft BizTalk Server 2006 developer named Rory Allen informs you that he receives an error message when he attempts to use the Windows SharePoint Services Adapter. The error message is indicated below: "The request failed with HTTP status 401: Unauthorized."

You need to ensure that Rory Allen can to use the Windows SharePoint Services Adapter. What should you do? (Each correct answer presents part of the solution. Choose TWO.)

- A. Reinstall Windows SharePoint Services on Certkiller -WS235.
- B. Install Service Pack 2 for Windows SharePoint Services on Certkiller -WS235.
- C. Stop and restart the Host Instance process in the BizTalk Administration Console on Certkiller -WS235.
- D. Add the BizTalk Service account to the SharePoint Enabled Hosts Windows group in Active Directory.

Answer: C, D

Explanation: You must add the BizTalk Service account to the SharePoint Enabled Hosts group in Active Directory to that the service account has the required permissions to invoke the BizTalk SharePoint Adapter web service as well as permissions to create, update, and delete files in SharePoint. When you change the membership of the BizTalk Service account, you must stop and restart the Host (or Host Instance) Service process.

Incorrect Answers:

A: Reinstalling Windows SharePoint Services will not ensure that the service account has the required permissions to invoke the BizTalk SharePoint Adapter web service as well as permissions to create, update, and delete files in SharePoint.

B: Upgrading Windows SharePoint Services to Service Pack 2 Services will not ensure that the service account has the required permissions to invoke the BizTalk SharePoint Adapter web service as well as permissions to create, update, and delete files in SharePoint.

QUESTION 10:

You work as a Microsoft BizTalk Server 2006 Developer for Certkiller .com. The development of Integration applications is your responsibility at Certkiller .com.

You received instruction to create a flat file schema for a positional flat file. You carried out the instruction and noticed that at the beginning of a record there is a tag identifier for an instance of this flat file. After processing it with your schema, you noticed that the tag became part of the record data. This is not what is desired and as such you need this tag removed with the least amount of effort.

What should you do?

- A. You should change the positional offset for the record to skip over the undesired tag identifier using the Flat File Wizard.
- B. You should strip tag identifiers off all records using a custom pipeline disassembler component.
- C. You should process the record data after it is in your orchestration using a map.
- D. You should strip out the undesired tag identifiers from incoming documents by creating a custom .NET Framework 2.0 component.

Answer: A

Explanation: The Flat File Wizard is a utility that makes provides a visual tool for showing and calculating the distance between the fields. Thus using this wizard will allow one to choose the start point for defining any given data element, in files that are defined by relative position.

Incorrect Answers:

B: Using a custom pipeline disassembler component would require coding some very complex logic for determining exactly when a tag was present and needed removal. It would require extensive work in development and testing.

C: Using a map would require extra configuration to detect and remove tag identifiers. In essence it presents an additional development task making the testing process unnecessarily intricate.

D: Creating a custom .NET component to remove the tag identifiers would be needlessly complex, and difficult to implement. The question states pertinently that no unnecessary effort should be incurred.

[QUESTION 11:](#)

You work as a Microsoft BizTalk Server 2006 Developer for Certkiller .com. The development of Integration applications is your responsibility at Certkiller .com. Certkiller .com works in a joint venture with another company named Labs.com. You received instruction to create a new envelope schema based on a message schema provided by Labs.com.

The Lab.com's schema represents an OrderHeader and one or more OrderDetail records. One requirement for the new envelope schema that you must create is that you must ensure that it can act as an envelope for the schema provided. You thus need to meet this requirement.

What should you do? (Each correct answer presents part of the solution. Choose TWO.)

- A. Set the Container property of the partner schema's root node to the namespace of your envelope schema.

- B. Set the Envelope property of the Schema node to True.
- C. Set the Envelope property of the Schema node to Yes.
- D. Set the Container property of the Schema node to Yes.
- E. Set the Contains property of your envelope schema to the namespace of your partner's schema.
- F. Then point the envelope's Body XPath to the parent node that contains only the <any> child element.
- G. Then point the envelope's Body XPath to the Schema node.

Answer: C, F

Explanation: If you want to define a schema as an envelope, you simply set the Envelope property of the Schema node on the schema in question to a value of Yes. Also, you should point the envelope's Body XPath to the parent node that has only the <any> child element under it because if the parent node contains any other elements, the XML Assembler is unable to use the envelope.

Incorrect Answers:

- A: There are no Container properties on any node of a schema.
- B: The Envelope property takes Yes/No values, not Boolean values.
- D: There are no Container properties on any node of a schema.
- E: There are no Contains properties on any node of a schema.
- G: When defining an envelope schema you should point the envelope's Body XPath to the parent node that has only the <any> child element under it.

QUESTION 12:

You work as a Microsoft BizTalk Server 2006 Developer for Certkiller .com. The development of Integration applications is your responsibility at Certkiller .com.

You received instruction to convert all the incoming messages to the Certkiller .com format for additional processing. The Certkiller .com format involves custom financial calculations that are carried out on the incoming data. The application of these financial calculations is done with a custom, thread-safe .NET assembly.

You want to reduce the amount of additional coding that is required to process the incoming messages. What should you do?

- A. Incoming messages must be processed with a Map. Invoke the existing .NET assembly by adding a Scripting functoid for financial processing wherever needed.
- B. Expose your .NET assembly as a Web service and call out to it from within your orchestration whenever necessary.
- C. Take the message in, in its entirety, making use of a passthrough pipeline. Set up a variable and use it to invoke your .NET assembly and process whatever elements of the message are needed in your orchestration.
- D. Take the message in, in its entirety, making use of an XML pipeline. Use an Expression shape and Inline C# code to replace the old .NET assembly in your orchestration.

Answer: A

Explanation: A Scripting functoid can be used to call methods on a thread-safe external assembly, or it can use Inline C# or Inline XSLT to process message elements. This will reduce the amount of additional coding that would be required on the incoming message processing.

Incorrect Answers:

B: It is possible to invoke your .NET assembly as a Web service and selectively process elements of an incoming message, but this will require additional code to allow for such an invocation. Furthermore, it fails to take any other elements that may need to be mapped from the original message to the Certkiller .com format into account. This also adds a layer of abstraction between process and execution which means further exposure to additional, unforeseen failures (e.g. by invoking as a Web service, you are now compelled to use a functioning Web server for successful processing).

C: It is possible to invoke your .NET assembly and selectively process elements of an incoming message, but this will require additional code to allow for such an invocation. Furthermore, it fails to take any other elements that may require mapping from the original message to the Certkiller .com format into account.

D: In essence this option involves recoding your original .NET assembly into Inline C# code. Depending on the complexity of the original component, this could be a substantial effort. Furthermore, it fails to take any other elements that may need to be mapped from the original message to the Certkiller .com format into account.

QUESTION 13:

You work as a Microsoft BizTalk Server 2006 Developer for Certkiller .com. The development of Integration applications is your responsibility at Certkiller .com. You received instruction to map an incoming message to an internal XML representation used by your BizTalk application.

The source schema has one or more PersonnelSurvey and one or more ExternalSurvey records. Each of these records contains complete Address data. Your internal schema simply needs the Address data as a complete record regardless of its origin; be it a PersonnelSurvey or an ExternalSurvey. You thus need to decide on the appropriate tool to use to accomplish this task.

What should you do?

- A. A Value Mapping (Flattening) Functoid must be used.
- B. An Iteration Functoid must be used.
- C. A Looping Functoid must be used.
- D. A Scripting Functoid must be used.

Answer: C

Explanation:

The Looping Functoid is used to map one or more looping records in a source schema with a looping record in the destination schema (In this scenario the PersonnelSurvey and ExternalSurvey nodes would serve as Inputs to the Looping Functoid, with the output connected to the Parent node of the Address records in the destination).

Incorrect Answers:

A: A Value Mapping (Flattening) Functoid is actually for the opposite situation from the one described. It returns the value of the second parameter if the first is True. This is generally useful when you want to take a unified data structure, evaluate it based on content, and send it to different structures accordingly. This will not solve the problem.

B: An Iteration Functoid simply provides an ordinal value for records being processed. It will not solve this particular problem.

D: A Scripting Functoid could be manipulated to solve this problem, but it cannot solve the problem on its own because it would require a significant coding effort to achieve the desired results.

QUESTION 14:

You work as a Microsoft BizTalk Server 2006 Developer for Certkiller .com. The development of Integration applications is your responsibility at Certkiller .com. You received instruction to build and deploy a custom pipeline assembly.

You have a solution that includes your custom pipeline project and your BizTalk application project that uses it. Each time you attempt to build your custom pipeline project, or rebuild your solution, you receive an error stating that the output dll is being used by another process. You need to complete your task of building and deploying the custom pipeline assembly and need to take a decision as to the appropriate action to take. What should you do?

- A. You should reinstall Microsoft BizTalk Server 2006 as your BizTalk Server environment has become corrupted.
- B. First remove the custom pipeline project from your solution then compile it separately. Then rebuild the solution.
- C. First remove the reference to the custom pipeline from your BizTalk application project. Then rebuild the solution.
- D. You should upgrade to Visual Studio .NET 2005 SP2.

Answer: B

Explanation:

By using your custom pipeline in your BizTalk application project, you create a dependency. Building these projects together creates the problem described in this scenario. Thus the best plan of action would be to keep custom pipeline projects separate to avoid such build problems.

Incorrect Answers:

A: Nothing in the question remotely suggests that your BizTalk environment is corrupted. A dependency is

preventing a successful build. Thus a reinstall of BizTalk will not resolve the issue at hand.

B: The build error would be eliminated by removing the reference to the custom pipeline assembly because it would be removing the dependency that was preventing the build from occurring. However, the consequence of this action would be that your BizTalk application assembly can no longer make use of your custom pipeline assembly.

D: While it is always recommended to work with up-to-date development tools; but the issue at hand has nothing to do with the service pack in use with Visual Studio. Furthermore, upgrading will not solve the problem.

QUESTION 15:

You work as a Microsoft BizTalk Server 2006 Developer for Certkiller .com. The development of Integration applications is your responsibility at Certkiller .com. You received instruction to construct a custom pipeline component to process certain messages in your BizTalk application.

To work with the pipeline assemblies you need to construct, your component must run only when it is the first to match the message type. To this end you need to decide which interface would be the appropriate interface that your component should implement. What should you do?

- A. Your component should implement the INamedItemList interface.
- B. Your component should implement the IDocumentSpec interface.
- C. Your component should implement the IFirstMatch interface.
- D. Your component should implement the IProbeMessage interface.

Answer: D

Explanation: Any pipeline component, regardless of whether it is a general, assembling, or disassembling component, must implement the IProbeMessage interface if it is to have message probing capabilities. Probing components are used in pipeline stages that have FirstMatch execution mode. Thus your component should implement the IProbeMessage interface.

Incorrect Answers:

A: The INamedItemList interface is a helper interface used for accessing document elements from code. It is irrelevant when considering probing capabilities.

B: The IDocumentSpec interface is an interface that allows a component to take document-specific actions from within code. It is irrelevant when considering probing capabilities.

C: There is no IFirstMatch interface specified in Microsoft BizTalk Server 2006; and certainly none associated with custom pipeline component development. It is an execution mode.

QUESTION 16:

You work as a Microsoft BizTalk 2006 Technology Specialist for Certkiller .com. Certkiller .com operates as an

insurance brokerage. Due to the nature of the business, Certkiller .com requires to work with many business partners. All parties involved must share data with each other. The development of Integration applications is your responsibility at Certkiller .com.

You received instruction to design a BizTalk solution to address their data-sharing needs. The business partners will be communicating via MQSeries.

Because you must deal with your data being sent, processed, and returned by many partners, you must be able to determine dynamically what queue to listen to for your response. To this end you need to configure BizTalk accordingly. You must accomplish this with the minimum development effort possible.

What should you do?

- A. Determine what queue should be listened to using the Business Rules Engine (BRE).
- B. Allow context properties of the outbound message to determine what queue to listen to by using the Dynamic Receive feature of the MQSeries adapter.
- C. Ensure that all queues are listened to by configuring MQSeries Receive Ports for all of your business partners.
- D. Determine what queue your receive port should listen to using a passthrough pipeline on your send port and call a custom .NET component.

Answer: B

Explanation: Dynamic Review is a new feature in the BizTalk 2006 MQSeries adapter that allows a BizTalk application to select a source address (URI) at run-time. This is the option with the least amount of development effort that will accomplish the task at hand.

Incorrect Answers:

A: Though the BRE could play a part in the dynamic determination of which queue should be listened to, on its own

it is not a complete solution and would involve a significant development and maintenance effort. The question pertinently states that the task should be completed with the least amount of development effort.

C:

Configuring separate ports for all possible partner queues will add to the burden on the administration and maintenance

effort. Also, creating separate ports precludes dynamic assignment of queues; instead you would be dynamically choosing a receive port.

D: Though you could allow a custom component to configure a form of dynamic routing, it would involve a significant investment in both development and testing effort. This should be avoided because the question states

clearly the minimum development effort.

QUESTION 17:

You work as a Microsoft BizTalk Server 2006 system administrator for Certkiller .com. The development of Integration application is your responsibility at Certkiller .com. You received instruction to deploy a BizTalk application to your test environment.

You carry out instruction and successfully deployed your BizTalk application assembly and all its dependencies.

You then discovered that when messages arrive, they are being taken in by the appropriate Receive Ports, but no further processing appears to be happening and your orchestration is not invoked. You need to take the appropriate action to start the orchestration.

What should you do?

- A. In the BizTalk Administration Console, stop and restart your BizTalk Host Process.
- B. SQL Server should be reinstalled on your MessageBox server.
- C. First undeploy your orchestration then delete your BizTalk application's assembly file from the GAC.

Then redeploy your BizTalk application assembly.

- D. Check the bindings on your deployed orchestration prior to enlisting your Send Port/Send Port Group(s).

Then start your orchestration.

Answer: D

Explanation: In this scenario your Receive Ports are functioning correctly and that some subscription to the messages in question exists. This is indicative from the fact that messages are being received and pulled into the MessageBox database. The next item to check is the state of your orchestration. Is it properly bound to its Host, as well as Receive and Send Ports? Has it been started? Thus you should check the bindings on the orchestration and then enlist your Send Port/Send Port Group(s).

Then start the orchestration.

Incorrect Answers:

A: On some occasion it is necessary to stop and restart your Host process, but it is unlikely to correct anything in this scenario because it is mentioned that messages are being taken in and it is indicative that the Host process is functioning correctly.

B: The question does not suggest any problem regarding the functioning status of the MessageBox SQL Server. Thus uninstalling and reinstalling would not address the stated problem.

C: Undeploying and redeploying your orchestration will not achieve anything because it will not cause it to start processing messages. A developer or administrator must still start the orchestration.

QUESTION 18:

You work as a Microsoft BizTalk Server 2006 Developer for Certkiller .com. The development of Integration application is your responsibility at Certkiller .com. You received instruction to create an orchestration that subscribes to incoming messages.

The design you have been given specifies that your orchestration should employ a publish-subscribe pattern, as opposed to being explicitly bound to any physical ports. To this end you need to make sure that your orchestration's logical receive port employs the appropriate type of binding

What should you do?

- A. Ensure that the logical receive port uses Direct binding.
- B. Ensure that the logical receive port uses Dynamic binding.

- C. Ensure that the logical receive port uses Specify Now binding.
- D. Ensure that the logical receive port uses Specify Later binding.

Answer: A

Explanation: The Publish-Subscribe patterns can be achieved through the use of MessageBox Direct Bound Ports. For activating logical Receive Ports, the subscription is the MessageType and the Filter expression(s). Thus you need to ensure that the logical receive port uses Direct binding on the orchestration.

Incorrect Answers:

- B: The Dynamic binding is used for send ports that need runtime specification of destination and other parameters, it is not a receive port binding type.
- C: The Specify Now binding is used to bind physical ports for design-time binding. This is not what is required.
- D: The Specify Later binding is used to bind physical ports for deployment-time binding. This will not allow you to employ a Publish-subscribe pattern.

QUESTION 19:

You work as a Microsoft BizTalk Server 2006 architect for Certkiller .com. The development of Integration application is your responsibility at Certkiller .com. You are currently working on the design of a BizTalk application that uses a standardized message structure.

You want to be able to alert a system administrator if there is an error in processing messages. You thus need to decide on the appropriate action to take to accomplish this task with the minimum amount of development effort.

What should you do?

- A. An SMTP Send Port subscribing to the suspended message queue should be set up.
- B. An orchestration that subscribes to the suspended message queue must be created.
- C. You should set up Health and Activity Tracking queries for the various failures you wish to monitor and have the Administrators run them in HAT periodically.
- D. Instruct the Administrators to check the system health indicators in the BizTalk Administration Console from time to time.

Answer: A

Explanation: Starting in Microsoft BizTalk Server 2006 you are allowed to set up subscriptions to the suspended message queue. This can either be in the form of an orchestration or a send port with a subscription to the suspended message queue. For purposes of the above question, the send port offers the easiest option and as it is an SMTP port, it can be configured to send all the needed information directly to the administrator(s) email account(s). This option is thus the solution if you want to achieve the task with the least amount of development effort.

Incorrect Answers:

- B: This option represents the most thorough solution available. But this is not the solution that represents the least

amount of development effort. Designing, building, deploying, and maintaining a separate orchestration to handle

failover would indeed involve a fair amount of extra work albeit it more thorough.

C: You can set up HAT queries and institute such a process, but this solution would involve a significant amount of

extra work for both the architect to craft the appropriate queries and also for the administrator(s) to have to periodically

run the queries. Thus this option is not the solution.

D: This solution will not be effective since the system health indicators in the BizTalk Administration Console do not provide the specific level of detail needed. Furthermore, it would still require the administrator(s) to

query the system from time to time and possibly you reminding them to do so.

QUESTION 20:

You work as a Microsoft BizTalk Server 2006 system administrator for Certkiller .com. The development of Integration application is your responsibility at Certkiller .com. You received instruction to enable Message Tracking.

The development team has complained to you on several occasions that they are unable to view tracking data in the Health and Activity Tracking (HAT) regardless of how they configure Message Tracking in the BizTalk Administration Console.

What is the most likely cause of the problem?

A. Health and Activity Tracking (HAT) cannot run queries against tracked message data in Visual Studio .NET 2005; this can only be done from the administrator's station where Visual Studio is not installed.

B. There is no SQL Server Agent service installed or running.

C. Health and Activity Tracking (HAT) Message Body Tracking has been disabled.

D. The Configuration Manager utility Message Tracking has been disabled.

Answer: B

Explanation: SQL Server Agent service must be running on any and all MessageBox databases to enable tracking

to function properly. Though not mentioned as an option here you also require SQL Server Agent service for archiving

and purging processes.

Incorrect Answers:

A: This option is irrelevant to the problem because the presence or absence of Visual Studio .NET 2005 has no impact whatsoever on Message Tracking.

C: Message Body Tracking is not enabled/disabled in HAT.

D: The Configuration Manager utility deals with setting, importing, and exporting environment settings for BizTalk Server itself, it has nothing to do with Message Tracking.

QUESTION 21:

You work as a Microsoft BizTalk Server 2006 developer at Certkiller .com.

You have received instruction from the CIO to debug an orchestration.

During the course of the day you discover that the output from one of your orchestrations is not displaying what you expected. The Certkiller .com network has a fairly large orchestration which is complex.

You are required to diagnose the problem and need to see a replay of each processing step in the orchestration to check where it might be diverting from the expected behavior.

What should you do?

- A. The Orchestration Debugger in Health and Activity Tracking (HAT) should be used.
- B. The Message Flow viewer in Health and Activity Tracking (HAT) should be used.
- C. In the BizTalk Administration Console you should expand the Correlation Sets node and right-click the Correlation Set you established for this correlation. Then you should select a Send or Receive activity from the dropdown list.
- D. A Transact-SQL query must be run against the message in the MessageBox database.

Answer: A

Explanation: You should always remember in the scenario that the Orchestration Debugger view displays a graphical view which can be used to replay each processing step for a particular orchestration in question as required in the scenario.

Incorrect Answers:

B: This option should not be used in the scenario because the Message Flow view in HAT provides critical information for diagnosing processing and orchestration problems but does not provide a relay for processing steps.

C: In the BizTalk Administration Console you should expand the Correlation Sets node and right-click the Correlation Set you established for this correlation. Then you should Select a Send or Receive activity from the dropdown.

D: There is no need for this query in the scenario because a T-SQL query very complicated way of retrieving diagnostic information

QUESTION 22:

You work as a Microsoft BizTalk Server 2006 developer at Certkiller .com. You have received instruction from the Certkiller .com CIO to create a message within an orchestration.

You are in the process of building an orchestration which takes in a message from a Receive Port. Before the message is sent out to a Web Service for processing the message requires to be converted to a different schema.

You are required to minimize the amount of extra coding required to meet the scenario objective. You are required to select shapes to add to the orchestration.

What should you do? (Each correct answer presents part of the solution. Choose TWO.)

- A. In the BizTalk Administration Console you should expand the Correlation Sets node and right-click the Correlation Set you established for this correlation. Then you should select a Send or Receive activity from the dropdown list.

- B. Use the Construct Message shape.
- C. Use the Expression shape.
- D. Use the Transform shape.

Answer: B, D

Explanation: In the scenario the Construct Message shape allows new messages to be constructed by assigning a value or by mapping on messages data to a new message schema. The Construct Message shape is used to acts as a container for other shapes which perform the actions.

Incorrect Answers:

A: In the BizTalk Administration Console you should expand the Correlation Sets node and right-click the Correlation Set you established for this correlation. Then you should Select a Send or Receive activity from the dropdown.

C: This option could be used to send the message in the scenario but would require additional coding and that is what you are trying to avoid.

QUESTION 23:

You work as a Microsoft BizTalk Server 2006 developer at Certkiller .com. You have received instruction from the CIO to set up a Correlation Set in your orchestration.

You are required to establish a Correlation Set which includes the schema's PO Number property. During the setup process of the Correlation Set you discover the PO Number is not among the available properties for the set.

What should you do?

- A. The local BizTalk Host process should be stopped and restarted.
- B. In the BizTalk Administration Console you should expand the Correlation Sets node and right-click the Correlation Set you established for this correlation. Then you should select a Send or Receive activity from the dropdown list.
- C. The Schema Editor should be used to set the PO Number property as a Distinguished property.
- D. The Schema Editor should be used to promote the PO Number property.

Answer: D

Explanation: You should always remember in the scenario in order for a property to belong to a Correlation Set, it has to be a promoted property or the process will not work.

Incorrect Answers:

A: This option may sometimes be required but will not resolve the problem in the instance so you should consider promoting the PO Number.

B: This option should not be used in the scenario as it has no bearing on the setup of Correlations types.

C: This option is not required in the scenario because this option on its own will not be enough to make it a Correlation Set.

QUESTION 24:

You work as a Microsoft BizTalk Server 2006 developer at Certkiller .com. You have received instruction from the Certkiller .com network CIO to set up a correlation for your orchestration.

You are required to design your application so that it requires you set up a new Correlation Type. The new Correlation Type will only be used for this particular orchestration. You are additionally required to select how this objective can best be accomplished.

What should you do?

- A. In the BizTalk Administration Console you should expand the Correlation Sets node and right-click the Correlation Set you established for this correlation. Then you should select a Send or Receive activity from the dropdown list.
- B. Click the Expand on the Application that contains the orchestration in the BizTalk Administrator Console and select New Correlation Type.
- C. Right-click the orchestration in the Solution Explorer View in Visual Studio .NET 2005 and select New Correlation Type.
- D. Open the orchestration required in Visual Studio. Right-click the Correlation Types in the Orchestration View and select the New Correlation Type.

Answer: D

Explanation: You should always remember that in Microsoft BizTalk Server 2006 all correlation-related artifacts are set up in the Orchestration View in the Visual Studio .NET 2005 environment.

Incorrect Answers:

- A: This option should not be used in the scenario because in the BizTalk Administration Console you should expand the Correlation Sets node and right-click the Correlation Set you established for this correlation and this will not achieve the scenario objective.
- B: This option should not be used in the scenario because you would be required to switch to the Orchestration View.
- C: It is not possible to access the correlation-enabled artifacts using the Solution Explorer View, you would be required to switch to the Orchestration View

QUESTION 25:

You work as a Microsoft BizTalk Server 2006 architect at Certkiller .com. You have received instruction from the Certkiller .com CIO to maximize the performance of your BizTalk application.

During the course of the day you are considering controlling the number of persistence points within your orchestration. Your BizTalk application has an orchestration within the application which has a Receive shape, and an Atomic Transaction Scope shape containing two Send shapes. You are required to select how many persistence points the orchestration has.

How many persistence points should the orchestration have?

- A. One.
- B. Two.

- C. Three.
- D. None.

Answer: A

Explanation: You should remember in the scenario that the engine optimizes the number of persistence points because they are expensive. A persistence point is set for the first Send shape and the second persistence point is set for the second Send shape and the orchestration end.

Incorrect Answers:

B, C: In the scenario the engine optimizes the number of persistence points since they are expensive and there is no Atomic Transaction shape presents each send shape triggers a persistence point.

D: In the scenario the engine optimizes the number of persistence points since they are expensive and an orchestration should at least have one persistence point.

QUESTION 26:

You work as a Microsoft BizTalk Server 2006 architect at Certkiller .com. You have received instruction from the CIO to maximize the performance of your BizTalk application. During the course of the day you are considering controlling the number of persistence points within the orchestration. The Orchestration used within the application has a Receive shape, followed by two Send shapes. You are required to select how many persistence points the orchestration has. How many persistence points should the orchestration have?

- A. There should be two persistence points.
- B. There should be three persistence points.
- C. There should be none.
- D. There should be one persistence point.

Answer: A

Explanation: You should remember in the scenario that the engine optimizes the number of persistence points because they are expensive. A persistence point is set for the first Send shape and the second persistence point is set for the second Send shape and the orchestration end.

Incorrect Answers:

B: In the scenario the engine optimizes the number of persistence points since they are expensive and the Receive shapes do not trigger a persistence point.

C: In the scenario the engine optimizes the number of persistence points since they are expensive and an orchestration should at least have one persistence point.

D: In the scenario the engine optimizes the number of persistence points since they are expensive and there is no Atomic Transaction shape present each send shape triggers a persistence point.

QUESTION 27:

You work as a Microsoft BizTalk Server 2006 developer at Certkiller .com. You have received instruction from the CIO to enable exception handling in your orchestration.

You are in the process of developing a long orchestration that contains several nested transactions. You are required to have exception handling at the finest level of granularity of the nested transactions whilst not using any extra administrative effort.

What should you do?

- A. The Transaction Type of each of the Scope shapes must be set to implement exception handling for to Atomic.
- B. The Compensation property of each of the Scope shapes must be set to implement exception handling for to Custom.
- C. The Compensation property of each of the Scope shapes must be set to implement exception handling for to Default.
- D. The Transaction Type of each of the Scope shapes must be set to either None or Long-Running if you want to implement exception handling.

Answer: D

Explanation: You should remember in the scenario that for Scope shapes the Transaction Type property should be set to None or Long-Running to accommodate a Catch Exception block.

Incorrect Answers:

A: for Scope shapes the Transaction Type property should be set to None or Long-Running to accommodate a Catch

Exception block. For handling atomic exceptions you require a Compensation block.

B, C: This option should not be used in the scenario because it is used to decide if a custom Compensation block may be added to the shapes or not.

QUESTION 28:

You work as a Microsoft BizTalk Server 2006 developer at Certkiller .com. You have received instruction from the Certkiller .com CIO to enable compensation in your orchestration.

You are in the process of developing a long orchestration that contains several transactions. You are required to implement a custom compensation for each of the transactions. In order for you to do this the Compensation property of the Scope shape needs to be set to Custom.

What should you do? (Each correct answer presents a complete solution. Choose TWO.)

- A. You should right-click the Scope shape and select New Compensation Block from the pop-up menu.
- B. You should right-click the Scope shape and select New Exception Handler from the pop-up menu. Then add a compensate shape to the Catch Exception Block.
- C. A Compensate shape should be added to the Scope shape.
- D. The Compensation property must be set to Custom directly in the properties page of the Scope shape.

Answer: A, D

Explanation: In the scenario you should remember that it is always possible to add a new Compensation block to a Scope shape, regardless of the Transaction Type of the Scope shape. The Compensation property of the Scope shape is automatically set to Custom when you decide to add a new Compensation Block.

Incorrect Answers:

B: In the scenario you should remember that you cannot add a Compensate shape to a Catch Exception block in Microsoft BizTalk Server 2006 as this is not allowed.

C: In the scenario you are not able to add a Compensate shape to a Scope shape in Microsoft BizTalk Server 2006 as this is not allowed.

QUESTION 29:

You work as a Microsoft BizTalk Server 2006 developer at Certkiller .com. You have received instruction from the CIO to create robust business transactions within your orchestration.

The design you are in the process of creating should specify that one specific segment of the orchestration needs to execute from start to finish successfully. If the execution is not completed successfully you should have all intervening changes undone.

What should you do?

- A. The orchestration's Transaction Type property must be set to Long-Running.
- B. All the critical elements of the orchestration must be placed into a Scope shape and set the Scope shape's Transaction Type property to Long-Running.
- C. The orchestration's Transaction Type property should be set to Atomic.
- D. All the critical elements of the orchestration should be placed into a scope shape and set the Scope shape's Transaction Type property to Atomic.

Answer: D

Explanation: You should remember in the scenario that an Atomic transaction ensures that a discrete unit of work is completed or rolled back. You are able to implement this method at either the Scope or orchestration level.

Incorrect Answers:

A, C: The setting of the Transaction Type is possible in the scenario but this would affect at the orchestration level and the question states the atomicity applies to a specific subset of the orchestration.

B: This option should not be used in the scenario as it does not guarantee that all the elements are committed before being accessible outside the scope of the transaction.

QUESTION 30:

You work as a Microsoft BizTalk Server 2006 architect at Certkiller .com. You have received instruction from the Certkiller .com CIO to establish a business transaction.

The design you are in the process of creating should call for an asynchronous operation in which messages are

sent out. When the messages are answers and come back in the messages need to be associated with specific orchestration instances.

What should you do?

- A. A Correlation must be set up on one or more message properties.
- B. A Long-Running transaction should be created to contain the critical elements.
- C. You should take no action as the messages will collate according to the filters applied to establish the subscription in the first place.
- D. An Atomic transaction should be created to contain the critical elements.

Answer: A

Explanation: You should remember in the scenario that Correlation is the mechanism whereby messages are routed to specific orchestration instances. This is considered to be mandatory when your messages are not correlated correctly.

Incorrect Answers:

B: This option should not be used in the scenario as it will not guarantee the messages will be associated with specific instances.

C: This option should not be considered in the scenario because this alone is insufficient to guarantee successful routing of messages.

D: This option should not be used because by itself an Atomic transaction scope does not guarantee that messages will be associated with a specific instance.

QUESTION 31:

You work as a Microsoft BizTalk Server 2006 architect at Certkiller .com. You have received instruction from the CIO to design a business processing application.

The Certkiller .com management requires that part of your design calls a Web Service to perform your pricing calculations. The Certkiller .com network will not host this Web Service inside the same network as your BizTalk

Servers. You are required to choose which BizTalk Adapter you should leverage.

What should you use?

- A. SOAP
- B. SMTP
- C. FTP
- D. HTTP

Answer: A

Explanation: You should always remember in the scenario that the BizTalk SOAP Adapter allows BizTalk to both publish and call XML-based Web services.

Incorrect Answers:

B: You should remember that the BizTalk SMTP adapter is used to send messages from BizTalk to e-mail recipients.

C: You should remember that the BizTalk FTP Adapter is used to receive or transmit

files using the FTP protocol.

D: You should remember that the BizTalk HTTP Adapter is used to communicate between BizTalk and application that leverage the HTTP protocol.

QUESTION 32:

You work as a Microsoft BizTalk Server 2006 developer at Certkiller .com. You have received instruction from the network CIO to create a new Role Link Type.

You are required to provide a solution in your design which specifies that a new Provider Role Link Type needs to be created for your BizTalk application.

What should you do?

- A. You should select the Add New Role Link Type in the Orchestration View in Visual Studio 2005.
- B. You should select the Add New Role Link Type in the Solution Explorer View in Visual Studio 2005.
- C. A new Role Link Type should be created in the BizTalk Administration Console
- D. You should select the Add New Role Link Type in the BizTalk Explorer View in Visual Studio 2005.

Answer: A

Explanation: You should always remember in the scenario that the Role Links and their associated types are specific to a given orchestration. In order to add a new Role Link Type you are required to access the Orchestration View for the orchestration in question.

Incorrect Answers:

- B: You should remember that the Role Link Types are not accessed by the Solution Explorer View but the Orchestration View.
 - C: You should remember that the BizTalk administrator does not allow any access to Role Link or the addition of new Role Link Types.
 - D: You should remember that the Role Link Types are not accessed by the BizTalk Explorer View but the Orchestration View.
-

QUESTION 33:

You work as a Microsoft BizTalk Server 2006 developer at Certkiller .com. You have received instruction from the Certkiller .com CIO to configure a Role Link.

You are in the process of configuring the Role Link to the initiating role is a provider for receiving messages.

You are required to configure the Role Link in order for the Role Link to function correctly.

What should you do?

- A. The SourceParty must be set to the provider itself.
- B. The DestinationParty explicitly must be set to a new Party representing the partner organization.
- C. The SourceParty explicitly must be set to a new Party representing the partner

organization.

D. The DestinationParty must be set to the provider itself.

Answer: D

Explanation: In the scenario you should always keep in mind that when a Role Link initiating role is a provider for receiving messages is set up. The DestinationParty is initialized automatically at the receiver.

Incorrect Answers:

A, C: In the scenario you should remember that the SourceParty is read-only when the initiating role is the provider and setting this value is not possible.

B: You should remember that the DestinationParty is set explicitly only when the initiating role is a customer.

QUESTION 34:

You work as a business user at Certkiller .com. You received instruction to change an existing business rule. There is multiple fact update actions included in the existing business rule. For must occur in a particular order to execute correctly. You find that your rule has some actions out of order. You need to decide on the appropriate action to take to correct this with the minimal effort possible. What should you do?

A. First delete all actions. Then reenter them in the correct order.

B. Right-click the out-of-order action(s).

Then manually reorder the actions by selecting Move Up or Move Down.

C. Force the actions to execute in the correct order by setting the Priority property of each rule.

D. First delete any out-of-order actions. Then insert new actions in the correct spots.

Answer: B

Explanation: The actions of a rule can be easily reordered by right-clicking the action and select Move Up or Move Down. This option will achieve the required results with the least amount of effort.

Incorrect Answers:

A:

Deleting all actions and reentering them would allow you to correct the problem. But the question stated clearly that

you want to use the least amount of effort. And this option suggests a significant amount of extra work to recreate the actions.

C: The actions must be physically reordered to execute in a particular order and setting the priority of the various rules in your policy will have no impact on the order of execution of actions within a rule.

D: Deleting all actions or even select actions and inserting new actions would allow you to correct the problem. However, it would involve a significant amount of extra work.

QUESTION 35:

You work as a business user at Certkiller .com. You received instruction to update a business rule. Certkiller .com recently changed their business process. This has as a consequence that you need to change the existing business rule in a published policy. You need to create a new version of this policy to update the rule. You need to take the appropriate action to make your changes with the least amount of effort possible. What should you do?

- A. Right-click the Current Policy Version and select Copy in the Business Rule Composer.
Then right-click the Policy folder and select Paste to create a new version of the policy with the same elements as the copied version.
Make your changes and publish the new version.
- B. Right-click the Policy folder and select Add New Version in the Business Rule Composer to create a new version of the policy with the same elements as the copied version.
Make your changes and publish the new version.
- C. Select Deploy Policy in the Business Rules Engine Deployment Wizard to create a new version of the policy. Make any changes in the Business Rule Composer.
Run the Business Rules Engine Deployment Wizard again and deploy the changes by selecting Deploy Policy.
- D. Select Export Policy/Vocabulary to file from database in the Business Rules Engine Deployment Wizard. Make any changes in the xml file copy.
Run the Business Rules Engine Deployment Wizard again and select Import and publish Policy/Vocabulary from file to database.

Answer: A

Explanation: To create a new version of an existing policy with the same content as the current version, simply click on the current version, select Copy, then right-click on the root policy folder and select Paste. This option will achieve the task at hand with the least amount of effort.

Incorrect Answers:

B: If you right-click on the policy folder and select Add New Version, it will result in an empty "new" version of the policy. Any rules desired from the previous version would need to be recreated in this new version, thus incurring extra effort.

C: The Deploy Policy option in the Business Rules Engine Deployment Wizard will not create a new version of a policy. This option is thus not feasible.

D: You can create a new version of a policy by exporting, editing, and importing/publishing a previous version. However, this option is unnecessarily complex and error-prone. It adds several extra steps, not the least of which is

editing the policy in its xml format, which could lead to unforeseen typographic and/or parsing errors. And the question states pertinently with the least amount of effort.

QUESTION 36:

You work as a Microsoft BizTalk Server 2006 administrator at Certkiller .com. You received instruction to deploy a business rules policy.

You received reports from your business users stating that a new version of a business rules policy needs to be deployed. You must ensure that the previous version of the policy is inaccessible. However you discover that you

are unable to find the appropriate policy version in the dropdown list when you launch the Business Rules Engine Deployment Wizard and select Deploy.

What is the most likely cause of this?

- A. The new policy version has not yet been published.
- B. The existing policy version has not been undeployed.
- C. Your Business Rules Engine Deployment Wizard points at the wrong Rule Store.
- D. There are no orchestrations with a Call Rules shape that use the new policy version.

Answer: A

Explanation: Only published policy versions appear in the dropdown list of the Business Rules Engine Deployment Wizard, hence your inability to find the appropriate policy version in the dropdown list.

Incorrect Answers:

B: Undeploying

a previous version for an updated version to be available for deployment is unnecessary. Even though it is mentioned

that the previous version should be undeployed, it is not a requirement to enable the deployment of the new version.

C: You could be pointing the wizard to the wrong Rule Store. In most cases, only a single Rule Store is used so it

would have been apparent with the first rules deployment if there were a problem of this type. So even if this is the problem, it is not the most likely problem.

D: The consumer (or lack thereof) of a rule policy has no impact on the deployment of the policy version. Thus this option is superfluous.

QUESTION 37:

DRAG DROP

You work as a Microsoft BizTalk Server 2006 administrator at Certkiller .com. You received instruction to deploy a new version of a business rules policy.

You received approval to deploy a new version of a business rules policy that is, as yet, unpublished; from you business users. You must ensure that the previous version of the policy is inaccessible. To this end you need to

take the appropriate steps to make the previous version inaccessible to the business users.
What should you do? (To answer, choose the correct options in the column on the left and place them in the correct order of execution in the work area on the right.)

Steps, select from these	Steps, place here
Right-click the Policy root and select Undeploy	Place first action here.
Right-click the new policy root and select Deploy.	Place second action here, if any.
Right-click the policy version and select Add New policy	Place third action here, if any.
Right-click the old policy version and select Undeploy.	Place fourth action here, if any.
Right-click the new policy version and select Publish.	Place fifth action here, if any.

Answer:

Steps, select from these	Steps, place here
Right-click the Policy root and select Undeploy	Right-click the old policy version and select Undeploy.
	Right-click the new policy version and select Publish.
Right-click the policy version and select Add New policy	Right-click the new Policy root and select Deploy.
	Place fourth action here, if any.
	Place fifth action here, if any.

Explanation:

You need to first undeploy any previous versions. You can then proceed to publish and deploy a new version as needed

if you want to ensure that only the latest version is accessible to the business users.

Incorrect Answers:

The Policy root node does not offer deploy/undeploy options. These options are only accessible at the version level

hence it being available under new policy root after right-clicking the new policy version. This is not an option under

the circumstances.

Adding a New Policy is possible from the Policies root node, but is not called for in the above scenario because it will

not ensure that the old version is inaccessible to the business users.

QUESTION 38:

DRAG DROP

You work as a Microsoft BizTalk Server 2006 architect at Certkiller .com. Certkiller .com has an existing Microsoft BizTalk Server 2006 orchestration.

You need to plan for Business Activity Monitoring (BAM) for the Certkiller .com BizTalk orchestration. The Certkiller .com business analysts will use the BAM add-in for Microsoft Office Excel 2003 to define BAM Activities. You need to allow analysts to track a single activity through a single view using a PivotTable report in Microsoft Office Excel 2003.

What should you do? (To answer, select the appropriate steps necessary to enable Business Activity Monitoring

from the pane on the left and place them in the correct order in the pane on the right. You must use all of the items from the pane on the left.)

Steps, select from these	Steps, place here
Use the BM deploy command-line utility to deploy the Workbook.	Place first action here.
Create the PivotTable report in Microsoft Office Excel.	Place second action here.
Create the View in Microsoft Office Excel.	Place third action here.
Create the Activity in Microsoft Office Excel.	Place fourth action here.
Map events in the Tracking Profile Editor (TPE).	Place fifth action here.
Import the Workbook and Orchestration Assembly into the Tracking Profile Editor.	Place sixth action here.
Use the bttdploy command-line utility to deploy the Tracking Profile.	Place seventh action here.

Answer:

Steps, select from these	Steps, place here
	Create the Activity in Microsoft Office Excel.
	Create the View in Microsoft Office Excel.
	Create the PivotTable report in Microsoft Office Excel.
	Use the BM deploy command-line utility to deploy the Workbook.
	Import the Workbook and Orchestration Assembly into the Tracking Profile Editor.
	Map events in the Tracking Profile Editor (TPE).
	Use the bttdploy command-line utility to deploy the Tracking Profile.

Explanation:

To establish Business Activity Monitoring for an existing BizTalk orchestration you must:

First create the Activity in Microsoft Office Excel. Then create the View based on a defined Activity in Microsoft

Office Excel. Once the view is created you can create the PivotTable report based on a defined View in Microsoft

Office Excel. Once the Activities and Views are defined they are known collectively as a Workbook. This Workbook

must be deployed using the BM deploy command-line utility to be usable by the Tracking Profile Editor (TPE). You

must import the workbook and orchestration assembly into the Tracking Profile Editor (TPE) and map events in the

Tracking Profile Editor (TPE). Finally, you must deploy the Tracking Profile using the bttdploy command-line utility.

QUESTION 39:

You work as a business analyst at Certkiller .com. The Certkiller .com network contains a Windows XP Professional client computer named Certkiller -WS235. Microsoft BizTalk Server 2006 is installed on Certkiller -WS235.

You are defining Activities for Business Activity Monitoring (BAM) that include a collection of milestones and data of interest that relate to a specific business process. You need use Certkiller -WS235 to define the BAM Activities.

What should you do? (Each correct answer presents a complete solution. Choose TWO.)

- A. Install Microsoft Office Word on Certkiller -WS235.
- B. Install Microsoft Office Access on Certkiller -WS235.
- C. Install Microsoft Office Excel on Certkiller -WS235.
- D. Install Microsoft Office Visio on Certkiller -WS235.

Answer: C, D

Explanation: Microsoft BizTalk Server 2006 provides access to the BAM add-in for Microsoft Office Excel and the Orchestration Designer for Business Analysts (ODBA) for Microsoft Office Visio that you can use to define BAM activities. In order to use either add-in, you must install Microsoft Excel or Microsoft Visio respectively.

Incorrect Answers:

A, B: Microsoft Word and Microsoft Access cannot be used to define BAM activities.

QUESTION 40:

You work as a Microsoft BizTalk Server 2006 Developer at Certkiller .com. A business analyst named Mia Hamm has defined Activities for Business Activity Monitoring (BAM) that include a collection of milestones and

data of interest that relate to a specific business process. You need to create the necessary associations between activities and events within your orchestration.

What should you do?

- A. Use the Tracking Profile Editor (TPE) to map events.
- B. Use the BM deploy command-line utility to map events.
- C. Use the BAM add-in for Microsoft Office Excel to map events.
- D. Use the Orchestration Designer for Business Analysts (ODBA) for Microsoft Office Visio to map events.

Answer: A

Explanation: You can use the Tracking Profile Editor (TPE) to create a tracking profile which maps events in an orchestration to milestones and data of interest defined in a BAM Activity.

Incorrect Answers:

B: The BM deploy command-line utility cannot be used to map events. It is used to deploy an a workbook so that it

can be used by Tracking Profile Editor (TPE). It does not allow the establishment of event links.

C, D: The BAM add-in for Microsoft Office Excel and the Orchestration Designer for Business Analysts (ODBA) for

Microsoft Office Visio are used to create the BAM activities and views. Neither can be used to map events.

QUESTION 41:

DRAG DROP

You work as a Microsoft BizTalk Server 2006 Developer at Certkiller .com. A business analyst named Amy Walsh has defined Activities for Business Activity Monitoring (BAM) that include a collection of milestones and

data of interest that relate to a specific business process.

When the business process changes Amy Walsh undeployed a BAM Activity defined for that business process. This results in the Tracking Profile that was associated with an activity being orphaned. You need to remove the orphaned Tracking Profile.

What should you do? (To answer, select the appropriate steps from the pane on the left and place them in the correct order in the pane on the right. You may not need to use all of the items from the pane on the left.)

Steps, select from these	Steps, place here
Redeploy the Business Activity Monitoring (BAM) definition file.	Place first action here.
Undeploy the Business Activity Monitoring (BAM) definition file.	Place second action here, if any.
Use the bttdeploy command-line utility to deploy the Tracking Profile	Place third action here, if any.
Create the Activity in Microsoft Office Excel.	Place fourth action here, if any.
Map events in the Tracking Profile Editor (TPE).	Place fifth action here, if any.
Use the Tracking Profile Editor (TPE) to undeploy the Tracking Profile.	Place sixth action here, if any.

Answer:

Steps, select from these	Steps, place here
	Redeploy the Business Activity Monitoring (BAM) definition file.
	Use the Tracking Profile Editor (TPE) to undeploy the Tracking Profile.
Use the bttdeploy command-line utility to deploy the Tracking Profile	Undeploy the Business Activity Monitoring (BAM) definition file.
Create the Activity in Microsoft Office Excel.	Place fourth action here, if any.
Map events in the Tracking Profile Editor (TPE).	Place fifth action here, if any.
	Place sixth action here, if any.

Explanation:

To avoid orphaned Tracking Profiles, you must remove any Tracking Profile associated with a BAM Activity before the BAM definition is undeployed. In this scenario, the BAM definition was undeployed before the Tracking

Profile was removed. Therefore you must redeploy the BAM definition file and then remove the Tracking Profile.

Once the Tracking Profile is removed, you can safely undeploy the BAM definition file.

Incorrect Answers:

It is not necessary to create a new BAM definition file as a BAM definition file already exists. All you need to do is

redploy the BAM definition files. Then remove the Tracking Profile and undeploy the BAM definition file.

It is not necessary to deploy any tracking profile as you want to remove a tracking profile.

It is not necessary to remap of events to remove a tracking profile.

QUESTION 42:

You work as a Microsoft BizTalk Server 2006 System Administrator at Certkiller .com. Your BizTalk application

used on the network currently includes orchestrations coordinating business processes between three branch office organizations.

You are required to add a new business partner into your BizTalk application. You must additionally distribute the BizTalk artifacts needed to complete this partnership using the most efficient manner available.

What should you do?

A. The Hub server must be used to generate an .msi installation package and distribute the package to the new partner's server.

B. All configuration information from the BizTalk Administration Console must be exported and send that to the new partner's server.

C. The Spoke server should be used to generate a Spoke Super Efficient and Effective Deployment (SEED) package and distribute that to the Hub server.

D. Your Hub server should be used to generate a Hub Super Efficient and Effective Deployment (SEED) package and distribute that to the new partner

Answer: A

Explanation: You should remember in the scenario that the use of .msi file packages replaces the capabilities of the Hub and Spoke Super Efficient and Effective Deployment (SEED) packages used in previous versions of BizTalk Server. SEED is no longer included in BizTalk Server 2006.

Incorrect Answers:

B: This configuration could be used because it is helpful but it does not provide a complete deployment solution.

C, D: The Super Efficient and Effective Deployment (SEED) are no longer supported in Microsoft BizTalk Server

2006 and should not be used in the scenario since it has been replaced by the .msi installer packages.

QUESTION 43:

You work as a Microsoft BizTalk Server 2006 Developer at Certkiller .com. You have received instruction from the Certkiller .com network CIO to create two BizTalk applications, named CK_Processing and CK_Fulfillment. The CK_Processing contains a send port named SendEmail. You are required to ensure that you make use of the SendEmail port in the CK_Fulfillment application. What should you do?

- A. A reference should be added to CK_Process in the CK_Fulfillment application using the BizTalk Administration Console.
- B. A custom .NET Framework 2.0 application should be created to extract the send port and recreate it in CK_Fulfillment.
- C. Two copies of the SendEmail send port should be created. Both the copies should be added to a Send Port Group. The Send Port Group should be added to both the CK_Process and CK_Fulfillment application.
- D. The send port should simply be copied from the CK_Processing application and paste it into the CK_Fulfillment application from within the BizTalk Administration Console.

Answer: A

Explanation: You should remember in the scenario that you are able to add a reference to an application that contains an artifact from any other applications containing dependencies. The reference to an application is used to allow access to any artifacts in that application.

Incorrect Answers:

B, C: This option should not be used in the scenario because you cannot have the same artifact in two different applications in the same group as the BizTalk Administration Console will not allow this.

D: This option should not be used in the scenario because this option is used to server multiple different send ports which are allowed to be called in a single action.

QUESTION 44:

You work as a Microsoft BizTalk Server 2006 administrator at Certkiller .com. You have received instruction from the Certkiller .com network CIO to create a deployment package for a BizTalk application. You are required to plan the installation of the BizTalk application on multiple computers. You are additionally required to create the MSI installer package to export to the other machines. You must decide which of the tools provided will help you achieve the objective. What should you do? (Each correct answer presents a complete solution. Choose TWO.)

- A. You should use the Visual Studio .NET 2005 BizTalk Explorer View.
- B. You should use the Visual Studio .NET 2005 Solution Explorer View.
- C. You should use the Visual Studio .NET 2005 Solution Explorer View.
- D. You should use the BM deploy command line utility.
- E. You should use the BTSTask command line utility.

Answer: B, E

Explanation: In the scenario you should remember that when creating an MSI installer package for your BizTalk application that you have two choices. The first is the BizTalk Administration Console and the second is the ability to use the BTSTask command line utility with the ExportApp parameter.

Incorrect Answers:

A: This option should not be used in the scenario because the BizTalk Explorer View does not support exporting MSI installer packages.

C: This option should not be used in the scenario because the BizTalk Solution Explorer View does not support exporting MSI installer packages.

D: This option should not be used in the scenario because the BM deploy command is used to deploy Business Activity Monitoring BAM definition files.

QUESTION 45:

You work as a Microsoft BizTalk Server 2006 administrator at Certkiller .com. You have received instruction from the Certkiller .com network CIO to diagnose a deployment problem. You recently finished the deployment of the BizTalk application, including its associated bindings and policies. During the course of the day one of the business analysts on the project reports that their most recent policy changes do not seem to be working in the application as it is deployed. You are required to select what the most likely cause of the problem is.

What should you do?

A. The policy changes were implemented incorrectly by the business user.

B. The cached data is being seen by the user. The Business Rule Composer should be closed and reopened by the user.

C. On the target server the BizTalkRulesDB has become corrupt. It must be dropped, recreated and then reloaded from a reliable backup.

D. The policy change was made during or after the export of the application package(s) by the business user. The package(s) will need to be rebuilt and reinstalled.

Answer: D

Explanation: You should remember in the scenario that any changes made by a user during or after an export will not be reflected in the exported package(s). You will then be capable of either selectively make the changes on the target system or rebuild and redeploy the package(s).

Incorrect Answers:

A: This is a possibility in the scenario but this will cause errors when the application is executed if the users entered their input changes incorrectly.

B: This is not the way the Business Rule Composer works because it does not cache data in this way.

C: This is a possibility in the scenario but this will cause errors when the application is executed.

QUESTION 46:

You work as a Microsoft BizTalk Server 2006 developer at Certkiller .com. You have received instruction from the Certkiller .com network CIO to start an application.

You are required to test the functionality of an orchestration you have designed. You start the orchestration in order to test its message processing. You need to use BizTalk tools to accomplish this task.

What should you do?

- A. You should use the BTSTask command line utility.
- B. You should use the BizTalk Administration Console.
- C. You should use the BTSdeploy command line utility.
- D. You should use the Solution Explorer View

Answer: B

Explanation: You should always remember in the scenario that the BizTalk Administration Console can be used to start an orchestration and the BizTalk Explorer View in Microsoft Visual Studio .NET 2005 can be used.

Incorrect Answers:

A, C, D: The utilities in the options should not be considered for use in the scenario because the utility does not have the ability to start an orchestration.

QUESTION 47:

You work as a Microsoft BizTalk Server 2006 developer at Certkiller .com. You have received instruction from the Certkiller .com network CIO to start an orchestration for unit testing.

During the course of the day you decide to attempting to start your orchestration from within the BizTalk Explorer View but you consistently get error messages popping up regarding enlistment. You are required to choose what the cause of these errors could be.

What should you do?

- A. The orchestration has one or more build errors. The Task List should be checked and correct any build errors before attempting to start.
- B. The orchestration has not yet been enlisted. You need to enlist your orchestration before you start it.
- C. A strong name key file reference is lacked by your orchestration. The Project properties should be opened and on the Assembly tab, enter a Strong Key Name file.
- D. Your orchestration has Send Ports or Send Port Groups bound that have not yet been enlisted. All Send Ports and Send Port Groups bound to your orchestration should.

Answer: D

Explanation: You should remember in the scenario that if you attempt to start an orchestration bound to Send Ports or Send Port Groups that have not yet been enlisted, you are bound to receive errors.

Incorrect Answers:

- A: You should remember in the scenario if the orchestration had build errors it would have prevented a successful build.
- B: The orchestration should be started without enlisting it in the scenario as this will be done automatically if the Send ports or Send Ports group are bound to it.
- C: In the scenario this lack of a strong key file reference would have resulted in a unsuccessful build.

QUESTION 48:

You work as a Microsoft BizTalk Server 2006 tester at Certkiller .com. You have been instructed by the Certkiller .com network CIO to test your BizTalk application.

You are in the process of testing the BizTalk application recently deployed to your Testing server environment. You are required to get a quick view of the overall health of the system and need to choose which BizTalk tool to use.

What should you do?

- A. You should use the BizTalk Administration Console Group Hub Page.
- B. You should use the BizTalk Configuration Manager Utility.
- C. You should use the BizTalk Explorer View.
- D. You should use the Business Rule Composer.

Answer: A

Explanation: In the scenario you should remember that the Group Hub Page in the BizTalk Administration Console provides three sections that provide a view of the overall health of the BizTalk system.

Incorrect Answers:

- B: This option should not be used because the BizTalk Configuration Manager Utility is used to manage, import and export configuration data for BizTalk servers.
- C: This option should not be used in the scenario because the BizTalk Explorer View is used to manage BizTalk artifacts but provides almost no data about the state of those artifacts.
- D: This option should not be used in the scenario because the Business Rule Composer is used to create codified Business Rules to be used in the business process.

QUESTION 49:

You work as a Microsoft BizTalk Server 2006 tester at Certkiller .com. You received instruction to test your BizTalk application.

You are currently testing an ongoing performance issue in a BizTalk application that was deployed to your Testing server environment. You need to get a historical view of the health of the system. Microsoft BizTalk Server 2006 makes provision for several utilities. You thus need to make use of the appropriate tool to allow you to obtain a historical view of the health of the system.

What should you do?

- A. Use the Health and Activity Tracking (HAT) utility.
- B. Use the Tracking Profile Editor.
- C. Use the Orchestration Debugger utility.
- D. Use the BizTalk Administration Console Group Hub Page.

Answer: A

Explanation: It is possible to view both historical data with respect to your BizTalk applications and artifacts as well as data you have set the system up to track specifically with Health and Activity Tracking (HAT). The HAT will provide you with the correct data to view the health of the system.

Incorrect Answers:

- B: The Tracking Profile Editor is used to link event sources to Business Activity Monitoring (BAM) activity definitions. It has no direct bearing on system health and will thus not yield the desired view.
- C: The Orchestration Debugger utility is a special HAT view that allows a user to see message flow at each stage in an orchestration. It will not provide you with a historical view of the health of the system.
- D: The BizTalk Administration Console's Group Hub Page is used to provide a quick snapshot of system health and not a historical view.

QUESTION 50:

You work as a Microsoft BizTalk Server 2006 tester at Certkiller .com. You received instruction to test your BizTalk application.

You are currently testing a BizTalk application that has recently been deployed to your Testing server environment. You suspect a failure in a deployed orchestration. To diagnose the problem, you need to see message flow at each stage in an orchestration. Microsoft BizTalk Server 2006 makes provision for several utilities. You thus need to make use of the appropriate tool to allow you to view the message flow at each orchestration stage.

What should you do?

- A. Use the Health and Activity Tracking (HAT) Orchestration Debugger tool.
- B. Use the Tracking Profile Editor.
- C. Use the BizTalk Explorer View utility.
- D. Use the BizTalk Administration Console Group Hub Page.

Answer: A

Explanation: The Orchestration Debugger is a special HAT view that allows a user to see message flow at each stage in an orchestration. This would be the utility to use in this scenario.

Incorrect Answers:

- B: The Tracking Profile Editor is used to link event sources to Business Activity Monitoring (BAM) activity

definitions. It has no direct bearing on system health and will thus allow you to view the message flow at each orchestration stage.

C: The BizTalk Explorer View is a tool used by developers to manage BizTalk artifacts, but it provides almost no data

regarding the state of those artifacts. This option would thus not help you to view the message flow at each orchestration stage.

D: The BizTalk Administration Console's Group Hub Page is used to provide a quick snapshot of system health. This

is not the same as the message flow at each orchestration stage.