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Exam : **000-293**

Title : IBM Websphere interchange server v4 and toolset deployment

Version : DEMO

1.The WebSphere InterChange Server fails to start and gives the following error: "Error 11135:Activation of collaboration group could cause a potential deadlock with one or more existing collaboration groups, and is therefore disallowed" Which of the following actions will allow the WebSphere Business Integration administrator to restart the WebSphere InterChange Server, so the administrator can resolve the problem?

A.Clear the WIP tables and restart the server.

B.Shut Down the collaboration which will clear the deadlocks.

C.Add a line DEADLOCK_DETECTOR_CHECK=false to the COLLABORATION section in the WebSphere InterChange Server configuration file and restart the server.

D.Add a line DEADLOCK_RESOLVER=true to the SERVER section in the WebSphere InterChange Server configuration file and restart the server.

Correct:C

2.During the design phase of a project, it was determined that there can be a very high volume of events in the WebSphere InterChange Server's WIP tables at a given time. Which of the following can be done to help distribute the database load?

A.The WebSphere InterChange Server database services cannot be distributed across multiple DBMS because there is a restriction that the WebSphere InterChange Server uses that ensures that the database servers remain on the same physical database server.

B.Partition the WebSphere InterChange Servers Repository service onto a separate DBMS Server.

C.Partition the WebSphere InterChange Servers Event Management and Transaction services onto a separate DBMS Server.

D.Create a separate, full database schema install, with the same exact name for each database service.

Correct:C

3.Which of the following method calls from a collaboration will directly cause an email to be sent?

A.logError()

B.logEmail()

C.raiseEmail()

D.raiseException()

Correct:A

4.A WebSphere InterChange Server administrator is having a memory problem compiling a map deployed on a WebSphere InterChange Server running on a UNIX machine. Which of the following Java parameters should be increased to successfully compile the map?

A.The stack size

B.The minimum heap size

C.The maximum heap size

D.The native stack size

Correct:C

5.A WebSphere InterChange Server needs to be restarted. After the WebSphere InterChange Server is restarted and ready, the system is connected through the system manager. However, the status of all of the adapter controllers is paused. Which of the following is the MOST probable cause?

A.Because the Object Request Broker was not restarted, the adapters were unable to register themselves.

B.Because WebSphere MQ was not restarted, the adapters were unable to obtain a connection to the queues and so the controllers are stopped.

C.It is always necessary to restart the adapter controllers upon a restart of the WebSphere InterChange Server.

D.The WebSphere InterChange Server is unable to start up all of the server components, so the adapters will not start.

Correct:B

6.There are various ways to shut down the WebSphere InterChange Server in a UNIX environment from a command line. Which of the following is the LEAST recommended by the WebSphere Business Integration documentation?

A.kill -9

B.kill

C.Ctrl+C

D.ics_manager -stopgraceful

Correct:A

7.When running repos_copy from the command line, the following error is encountered, even though the WebSphere InterChange Server is on the same machine and is active : org.omg.CORBA.NO_IMPLEMENT: Could not locate the following object: repository id : IDL:IdlStubs/IEngine:1.0 object name : CROSSWORLDS minor code: 0 completed: No The server CROSSWORLDS is probably not running Which of the following actions will MOST quickly resolve this problem?

A.Restart the Object Request Broker and then start up the WebSphere InterChange Server.

B.Restart WebSphere MQ and the Object Request Broker.

C.Reboot the machine and start the WebSphere InterChange Server.

D.Change the Object Request Broker port from 14000 to 14010, start the Object Request Broker and restart the WebSphere InterChange Server.

Correct:A

8.A system administrator wants to improve the performance of a multi-threaded adapter. By adjusting the AgentConnections adapter configuration parameter, the administrator is specifying which of the following?

A.The number of sessions opened to an application.

B.The number of IIOP threads/channels opened for request transport between the agent and controller.

C.The number of queues allocated for the communication between the agent and controller.

D.The number of slave processes to instantiate in the CAP (Connector Agent Parallelism) processing environment.

Correct:B

9.A customer uses a common payroll object model to represent their payroll business process data. Every corporate application follows the same common payroll object model. The corporate payroll applications are all MQ enabled, using WebSphere MQ as their API to integrate with outside applications. They wish to distribute the payroll data from their corporate payroll applications to their 50 divisional offices. Each divisional office has their unique payroll application and primary keys. Which of the following approaches and designs should be recommended for the WebSphere InterChange Server business objects?

A.Create 2 business objects. A common payroll business object, one business object that is a superset of all the fields from each of the unique divisional office payroll applications.

B.Create 3 business objects. A common payroll business object, a generic business object, and one

business object that is a superset of all the fields from each of the unique divisional payroll applications.
C.Create 51 business objects. A common payroll business object, and 50 business objects, one for each unique divisional payroll application. A separate generic object is not required because the common payroll business object can be bound to the source port in the collaboration template.
D.Create 52 business objects. A common payroll business object, 50 application specific business objects, one for each unique divisional payroll application, and a generic object. A generic object is required to comply with the generic object model that the WebSphere InterChange Server uses. Collaborations use generic business objects.

Correct:D

10.An Object Discovery Agent is most useful when:

A.Creating generic business objects.
B.Creating application specific business objects.
C.Requirements specifying that an adapter agent be capable of being restarted remotely, or upon system failure.
D.Creating business logic for a collaboration template.

Correct:B

11.Which one of the following is the proper way to create an instance of the DataHandler when using the Server Access Interface?

A.Set the MIME Type variable in the access client. Create an attribute in the MO_Server_DataHandler meta-object with the same name as the supported MIME type. Provide the name of the MIME type's associated child meta-object as the attribute's type. This child meta-object uses the ClassName attribute to create an instance of the DataHandler.
B.Implement the createHandler method in the access client, passing in the className argument. The createHandler method creates an instance of the DataHandler directly from the access client, according to the value of the className argument that was passed in.
C.Set the MIME type and BOPrefix in the access client. Create an attribute in the MO_Server_DataHandler meta-object with the same name as the supported BOPrefix and MIME type. The BOPrefix is combined with the MIME type to form the key of the meta-object. Provide the name of the BOPrefix and MIME type's associated child meta-object as the attribute's type. This child meta-object uses the ClassName attribute to create an instance of the DataHandler.
D.Implement the createHandler method in the access client, passing in the MIMEType argument. Create an attribute in the MO_Server_DataHandler meta-object with the same name as the supported MIME type. The createHandler method uses the MIME type to locate the attribute in the MO_Server_DataHandler. Provide the name of the MIME type's associated child meta-object as the attribute's type. This child meta-object uses the ClassName attribute to create an instance of the DataHandler.

Correct:A

12.An event is triggered from an adapter that uses WebSphere MQ as its transport mechanism. The WebSphere InterChange Server shuts down immediately while the event is still in the middle of collaboration processing, and collaboration compensation is turned off. Which of the following will happen to the triggered event?

A.The event will fail in the collaboration and can be resubmitted from the Flow Manager.
B.The event will be lost and needs to be resent from the source application.
C.The event will be recovered at the next WebSphere InterChange Server startup and will be processed

at the point in the collaboration it left off.

D.The event will be recovered and reprocessed from the beginning of the collaboration upon the WebSphere InterChange Server startup.

Correct:D

13.An error occurs during the execution of a scenario. The WebSphere InterChange Server rolls back the scenario, executing the compensation for each sub-transactional step. What is the lowest transaction level of the collaboration that should be used?

A.Best Effort

B.Minimal Effort

C.Normal

D.Stringent

Correct:B

14.Which of the following methods are NOT recommended for adding a shortcut to a User Project, for an integration component that was just created?

A.Dependency Tree wizard

B.Dragging-and-dropping components

C.repos_copy

D.Update Project wizard

Correct:C

15.If an adapter is in the state of "Recovering" while the WebSphere InterChange Server is starting, which of the following is true of the adapter?

A.The adapter is unable to process service call requests from the server or enter the polling phase until recovery has been completed.

B.The adapter is unable to process service call requests from the server, but can still poll for new events to be sent to the server.

C.The adapter is able to process service call requests from the server, but it will not poll for new events.

D.The adapter acts the same way when in the "Recovering" state as it does under normal circumstances.

Correct:C

16.Which of the following is indicated when the MEMORY_CHECK_SLEEP parameter is set to zero (0) in the InterchangeSystem.cfg file?

A.The memory checker facility is allowed to optimize its functionality systematically to determine when the flow control facility needs to be activated.

B.The memory checker facility is inactive and no flow control will occur.

C.Only the adapters are monitored for their memory utilization and the WebSphere InterChange Server is not monitored.

D.Only the WebSphere InterChange Server is monitored for its memory utilization and the adapters are not monitored.

Correct:B

17.The destination application will be shutting down and starting up at random times throughout the day. This will cause the adapter to go down as well. The WebSphere InterChange Server administrator does not want any event flows to fail because of the destination application being unavailable. Which of the following should be done to prevent these event flow failures?

A.Configure the destination adapter for Object Activation Daemon (OAD) support.

B.Set the destination adapter ControllerStoreandForwardMode property to True.

C.Set the destination adapter RestartRetryCount property to the max value (99).
D.Configure the collaboration for long-lived business processes.
Correct:B
18.Which of the following is NOT part of the configuration parameters for the WebSphere InterChange Servers built in memory management functionality?
A.MEMORY_CHECK_SLEEP
B.CONNECTOR_MEMORY_CHECK_SLEEP
C.MEMORY_LOWER_THRESHOLD_PCT
D.CW_MEMORY_MAX
Correct:B
19.Service Call Transport Exception (SCaTE) serves which of the following purposes?
A.Exposes a runtime distinction between application-related failures and transport related failures to the collaboration developer.
B.Provides better performance in terms of optimal number of interactions with WIP tables.
C.Provides the configuration of a collaboration to have a persistent state for service calls so that upon crash recovery, incomplete flows can be treated as "In-Transit".
D.Provides an indication that the Object Request Broker is not running.
E.Provides an indication that a long-lived transaction failed.
Correct:A C
20.During an initial startup of the WebSphere InterChange Server, which of the following is the WebSphere InterChange Server default mode?
A.QA
B.Test
C.Design
D.Production
Correct:D