

## Websphere Process Server V7

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## Exam A

### QUESTION 1

A clustered WebSphere Process Server environment with Remote Messaging and Remote Support topology is installed. The deployment professional received the complaint that a few of the applications are not accessible through Web servers. Users are getting the HTTP 404 error. The deployment professional regenerated the plugins and fixed the issue, but after a few days the users encountered the same problem. What action should the deployment professional take?

- A. Regenerate and propagate the plugins.
- B. Create plugins at different scope, (node, cell and cluster) and merge them manually.
- C. Remove and reconfigure the Web servers through the Integrated Solutions Console (ISC).
- D. Disable automatic generation and propagation of plugins using the Integrated Solutions Console (ISC).

**Answer: D**

### QUESTION 2

A business integration application makes use of a non-interruptible business process which is invoked synchronously to update a backend SAP application and a data warehouse deployed on the DB2 database. Under peak loads, the business process performs poorly. The deployment professional is approached to fine tune the resources for better performance. What should be the appropriate tuning settings?

- A. Increase the Java heap size but keep it low enough to avoid heap swapping.
- B. Increase the number of connections in the connection pool of the JDBC data source to connect to DB2 database.
- C. Increase the `sib.msgstore.discardableDataBufferSize` default value to hold the data for which the quality of service attribute is best effort non-persistent of the business process.
- D. Reduce the number of transaction boundaries within the business process and try to use parallel execution paths.
- E. Replace the DB2 database data store for the business process with file store.

**Answer: AB**

### QUESTION 3

A company's development department consists of many developers working on the same business integration applications and shared resources. Before an application was deployed on WebSphere Process Server, the chief developer consolidated all resources and provided the application EAR file to the deployment professionals. Overtime, the number of inconsistent copies managed by different developers increased. A new shared repository for

all developers will be introduced.

How can the deployment professional benefit from this approach?

- A. All application resources for the new application can be retrieved from the repository and compiled for deployment using the serviceDeploy tool.
- B. An Apache Ant script using the corresponding serviceDeploy tool task allows the deployment professional to automate the compilation and deployment process.
- C. The deployment professional can now use the serviceDeploy tool for both, compiling the new application in the repository and deployment on the production environment.
- D. The deployment professional can use the ejbdeploy tool to compile the SCA application in the repository.

**Answer: A**

#### QUESTION 4

A company has implemented a simple business integration application in WebSphere Process Server to send updates synchronously to the backend database as part of the nightly batch process. It has been observed that on a daily basis the updates are lost when the database is down for a couple of minutes due to routine maintenance, and the only way to recover is to ask the application team to re-send the updates. What should a deployment professional do so that the updates are not lost and to enable recovery in case of backend system failures?

- A. Monitor the SCA application bus system exception destination for failed events.
- B. Ask the application team to ensure the reliability qualifier is set to "Best Effort".
- C. Use asynchronous database communication and resubmit the events using the Failed Event Manager.
- D. Adjust the "Maximum Failed Deliveries" to 1 since it is a known recurring outage and modify the "Retry interval" to adjust the number of minutes for outage.

**Answer: C**

#### QUESTION 5

A deployment professional has created a Remote Messaging and Remote Support cluster with DB2 as the database including an application cluster (cluster1). This environment is used for testing the solution1 project. For another project, solution2, the development team requests another cluster (cluster2). The deployment professional decides to add another application cluster (cluster2) and another messaging cluster to the environment in order fulfill this requirement. What should the deployment professional do as part of this task, given that business processes from the new solution2 project will be called as services from the solution1 project modules?

- A. Use a new database/schema for the BPEDB required for cluster2.
- B. Use a new database/schema for the BPEDB and the CommonDB for cluster2.
- C. Use the existing database/schema from cluster1 for the BPEDB required for cluster2.
- D. Use the existing database/schema from cluster1 for the BPEDB and the CommonDB required for cluster2.

**Answer: A**

#### QUESTION 6

A deployment professional is configuring the Common Event Infrastructure (CEI) event service in a clustered environment. The deployment professional has chosen to use the `wbmDeployCEIEventService` command to install the CEI event service on the cluster and to create the required resources (service integration bus and messaging engine). Which parameter is required when installing the event service into the clustered environment?

- A. `-dataStore`
- B. `-busMember`
- C. `-clusterName`
- D. `-eventService`

**Answer: B**

#### QUESTION 7

A deployment professional is installing a new business process application. The deployment professional is using a script installation with the `installInteractive` option so that they are prompted for values during the installation process. What is the reason for this installation approach?

- A. The interactive configuration script provides an audit log of the installation for revision control purposes.
- B. Installation with the interactive configuration script is faster than using the Integrated Solutions Console (ISC).
- C. Some configuration values must be specified which are not available using the Integrated Solutions Console (ISC) wizard interface.
- D. When configuring with an interactive script, it is not necessary to specify information about the application required data sources.

**Answer: C**

#### QUESTION 8

A company needs to transform messages between its internal supply chain management and financial applications. The format of data exchanged between these two applications vary considerably. Which supporting service component would implement this requirement?

- A. Relationships
- B. Business Rules
- C. Interface Maps
- D. Mediation Flows

**Answer: D**

#### QUESTION 9

During the processing of business processes, the following runtime message is B. served by the deployment professional in the seiver log file: BpelEngine I CWWBE0057I: Activity Invoke' of processes '\_PI:90030128.17946972.9b4886f6.93df0ee6' has been stopped because of an unhandled failure. The deployment professional is informed by the development team that no fault handler has been implemented to cover the failing activity. Furthermore, the process is not designed to skip any runtime problems. However, the process must be reactivated as soon as possible. Which action is required to be taken by the deployment professional?

- A. Skip the failing activity using the Business Process Choreographer (BPC) Explorer to complete the process instance.
- B. The failed process instance cannot be recovered. Advise the development team to implement a fault handler in the next process version.
- C. No action is required because the transaction will be rolled back automatically and recovered. Investigate the root cause of the failure.
- D. Manually force the process activity to complete or retry using the Business Process Choreographer (BPC) Explorer and further investigate the root cause.

**Answer: D**

#### QUESTION 10

A highly available WebSphere Process Server clustered environment comprises of cluster1 with two members, clusterMemberA and clusterMemberB. cluster1 has been added as a member of a bus. The two cluster members host a message producer application, App1, and a message consumer application App2 which needs to consume messages produced by App1. App2 must receive messages in a sequential manner maintaining the order of

message delivery. During peak load, the clusterMemberA is most active taking significant performance impact while clusterMemberB is almost idle and is only experiencing about 25% of the overall activity. Identify the steps the deployment professional should take to reconfigure the messaging infrastructure so that the load is balanced more evenly among both cluster members of cluster1.

- A. Create another server with messaging only capabilities. Add this server as a bus member and detach the cluster1 from the bus.
- B. Create an additional messaging engine on cluster1 so that each cluster member hosts an active messaging engine for an even load distribution.
- C. Create a secondary two member cluster cluster2 with messaging only capabilities. Add cluster2 as a bus member and detach the cluster1 from the bus.
- D. Create a secondary two member cluster cluster2 with messaging only capabilities. Add cluster2 as a bus member and create an additional active message engine on cluster2 and detach cluster1 from the bus .

**Answer: C**

#### QUESTION 11

The deployment professional is performing the WebSphere Process Server 7.0 installation through user wpsadmin on AIX. The installation is failing. Which log should be referred to first?

- A. \home\wpsadmin\waslogs\log.txt
- B. install\_root\logs\install\log.txt
- C. install\_root\logs\launchpad\import.txt
- D. install\_root\logs\wps\install\installconfig\_server.log

**Answer: A**

#### QUESTION 12

A company has implemented for the first time a business integration application which uses Business Process in a clustered WebSphere Process Server environment. Now the deployment professional needs to monitor the Business Process and while doing so, encounters an issue opening the process state view of the Business Process in the Business Process Choreographer Explorer. What is the cause?

- A. The Process Template of the business process has been shut down.
- B. Endpoints for the Business Flow Manager REST API's are not set properly.
- C. A new version of Business Process is introduced with significant enhancements.
- D. One of the members of the cluster on which the Business Process is deployed is down.

**Answer: B**

### QUESTION 13

A clustered WebSphere Process Server (WPS) production environment consists of a remote messaging cluster with multiple active messaging engines (ME) configured for high throughput. During the testing of an application which uses MQ JMS export for in-take of messages, the integration developer has found out that the messages were arriving on the backend EIS application at random order which was not desirable. This was not the behavior when the application was tested in the Universal Test Environment (UTE) within WebSphere Integration Developer (WID).

Source Application > MQ JMS Export > EIS Application

What is the combination of actions to reconfigure the resources in the production environment in order to achieve the expected behavior?

Set the eventSequencing property of MQ JMS export binding to True

Verify that only one ME is active on the messaging cluster

Deploy the application on a single cluster member

Deploy the application on a standalone server

- A. 1,2
- B. 1,3
- C. 1,4
- D. 2,3

**Answer: A**

### QUESTION 14

A customer new to WebSphere Process Server is going to use human tasks and a people directory. The interface has been finalized but the people directory hierarchy is still being designed by other teams. The integration developers need something to work with now. Which of the following options is going to give the deployment professional the MOST flexibility?

- A. LDAP People Directory Provider
- B. System People Directory Provider
- C. User Registry People Directory Provider
- D. Virtual Member Manager (VMM) People Directory Provider

**Answer: D**

#### QUESTION 15

A company has deployed many applications accessing the same backend services. Many of the applications share the same WSDL and Business Objects. New applications to be deployed in the near future will use updated backend service definitions. In addition, the memory usage has dramatically increased over the last deployments and may prevent new application deployments on the same environment. Which of the following recommendations would a deployment professional MOST likely provide?

- A. The development team must review the applications and provide a single module for the backend access. Shared WSDL and Business Objects can be deployed with the new application.
- B. The development team should identify common artifacts used by the application. A shared library can be deployed independently and referenced by the applications.
- C. The environment must be prepared for new applications by increasing the heap size of the servers or new servers must be added to the environment to share the workload.
- D. The system administrator can deploy new applications including all libraries needed. During the deployment the libraries of other applications with the needed WSDL and Business Objects can be referenced as a shared library.

**Answer: B**

#### QUESTION 16

A telecommunications client is interested in using SA. for enterprise applications, and their legacy applications are very critical. Which product can be recommended to help the client use the new services and orchestrate processes along with the existing applications?

- A. WebSphere MQ
- B. WebSphere Message Broker
- C. WebSphere Business Services Fabric
- D. WebSphere Service Registry and Repository

**Answer: C**

#### QUESTION 17

An application has been deployed on a clustered WebSphere Process Server environment using the Remote Messaging and Remote Support pattern. To handle asynchronous invocation problems, the store-and-forward capability is enabled for several applications. During the test phase one of the target services invoked by the application became unavailable. Which of the following statements is TRUE regarding recovery of events?



- A. A single failed event has been generated by one of the cluster members when the target service became unavailable. Resubmit all failed events once the target service is available.
- B. Multiple failed events might have been created by different cluster members. All failed events must be resubmitted before the Store and Forward widget in the Business Space is set to Forward mode.
- C. No manual intervention is necessary. If the store-and-forward feature is activated on a single cluster member due to a target service outage, the remaining cluster members will take over and complete the invocation transactions.
- D. No manual intervention is necessary. WebSphere Process Server will poll the target service and once it is available, all remaining sequenced events will be automatically processed.

**Answer: B**

#### QUESTION 18

A new integration developer has just deployed a new business module to the test cell using WebSphere Integration Developer (WID). The new integration developer does not have access to the Integrated Solutions Console (ISC) for the test cell, so the integration developer used the servers panel in WID to deploy the business module and got no errors. The new integration developer is complaining that any output in the SystemOut.log cannot be seen. What is the likely problem? The business module was:

- A. not started.
- B. packaged in a JAR and not an EAR.
- C. not deployed using ServiceDeploy tool.
- D. not deployed using the ejbdeploy tool.

**Answer: A**

#### QUESTION 19

An application which uses Business Processes extensively has found that there is an excessive number of messages being sent to the hold queue. The deployment professional asked to modify the configuration of the Business Process Choreographer (BPC) settings for that seiver in an effort to reduce the amount of messages in the hold queue. Which value should be changed to improve this situation?

- A. Retry limit
- B. Process limit
- C. Hold queue timeout

D. Retention queue message limit

**Answer: A**

#### QUESTION 20

A customer has more than one LDAP server and wants to use a federated repository, also known as VMM to simplify the ownership and assignment of human tasks. Which of the following LDAP elements must be unique across all LDAP providers to be federated in to VMM?

- A. organizationName (o); user ID;
- B. user (id); distinguished name (DN)
- C. commonName (cn); distinguished name (dn)
- D. organizationName (o); distinguished name (dn)

**Answer: B**

#### QUESTION 21

A retail company has the requirement to make frequent changes to a long running MyProcessDiscount business process as newer versions of that process are introduced due to changing business needs. What approach should a deployment professional adopt to meet this requirement?

- A. stop the older version of the MyProcessDiscount process template from the Integrated Solutions Console (ISC), install the application containing the newer version of the business process template.
- B. Use the Business Process Choreographer Explorer, select all the running instances with name MyProcessDiscount business process, then choose the Migrate option to migrate all instances to the currently valid version of the business process template.
- C. Use the Business Process Choreographer Explorer, if you see any running instances of older version of MyProcessDiscount process template, wait till all the instances of that version of the template are completed, then remove the older version of the business process template and install the newer version of the business process template.
- D. Install the application containing the newer version of MyProcessDiscount process template, then using the Business Process Choreographer Explorer, monitor the state of the running process instances and, when execution is in the appropriate place in the flow of the business process, select the business process instances based on the older template only to migrate to the newer version.

**Answer: D**

## QUESTION 22

A company has deployed Business Space for the call center department. The call center department provides many non-personalized computer terminals due to working hour shifts and rotating employees. Users needing read access complain that there is no consistent view for their pages and that the interface changes regularly. Which of the following is the BEST approach for a deployment professional to address the problem?

- A. Create a repository and allow all users to export and re-import their customized Business Spaces.
- B. Create a Business Space template including all necessary widgets and assign all users to the Viewer security role.
- C. Create a Business Space template for each user and add the respective user to the Owner security role to allow customization.
- D. Create a Business Space page including all necessary widgets and share the page with all users by assigning the Editor security role.

**Answer: B**

## QUESTION 23

A deployment professional needs to configure the Business Process Choreographer (BPC) and all necessary resources. Which of the following scripts would be used to accomplish the task?

- A. bpcadmin.jy
- B. bpeconfig.jacl
- C. configureBPC.sh
- D. BPMCreateTargetProfile.sh

**Answer: B**

## QUESTION 24

In a clustered WebSphere Process Server (WPS) V7.0.0 environment, a company has migrated several long running business processes from earlier V6.x versions. An application performance issue which was identified in earlier versions was resolved by adjusting the maximum concurrent endpoints parameter of the BPEInternalActivationSpec of the Message Driven Bean (MDB) based on the peak load. However, the long running business processes do not perform as well as before. In spite of adopting similar settings, what has happened in the new WebSphere Process Server V7.0.0 environment and what are the appropriate tuning

settings?

- A. WPS V7.0.0 fix pack one must be installed to enable optimization introduced by the Business Object (BO) Runtime Framework.
- B. Modify the `sib.msgstore.discardableDataBufferSize` and `sib.msgstore.cachedDataBufferSize` for optimal messaging engine (ME) performance.
- C. Modify the JMS connection factory BPECFC connection pool size to number of threads in the `BPEInternalActivationSpec` plus 10%. This is the required setting in WPS V7.0.0 used when work manager based navigation is enabled.
- D. In WPS V7.0.0, the default for business process navigation is modified to utilize the advanced performance optimizations feature that leverages work manager based navigation. Accordingly, adjust the `BPENavigationWorkManager` message pool size and the `InterTransactionCache` size to accommodate the maximum concurrent incoming requests.

**Answer: D**

#### QUESTION 25

A deployment professional is installing an application which uses business processes in a clustered WebSphere Process Server environment. The Business Process Choreographer (BPC) container has previously been configured. During which phase of the installation is the application validated?

- A. During the installation phase on the node agent.
- B. During the installation phase on the deployment manager.
- C. During the configuration phase on the application server.
- D. During the application start phase on the application server.

**Answer: B**

#### QUESTION 26

A tester who is responsible for performing stress testing needs to simulate thousands of client requests through a JMS binding flooding a business process at the same time. The testing tool cannot produce send requests faster than the business process executes. Since the client requests are asynchronous, the tester needs to stop the business process while the testing tool makes requests to create a backlog of service requests. The tester wants to ensure the client requests are getting to the WebSphere Process Server. What should the deployment professional tell the tester to examine?

- A. The Queue Points of the `BPC.qcell.Bus` in the Service Integration Bus Browser.
- B. The Queue Points of the `SCA.SYSTEM.qcell.Bus` in the Service Integration Bus

Browser.

- C. The Queue Points of the SCA.APPLICATION.qcell.Bus in the Sen/ice Integration Bus Browser.
- D. The Mediation Points of the SCA.APPLICATION.qcell.Bus in the Service Integration Bus Browser.

**Answer: B**

#### QUESTION 27

Thousands of parallel business processes are running in a production environment. The database administrator monitoring the Business Process Choreographer database B. seives that the amount of runtime data is filling up the available space and will reach the space limits very soon. What action should the deployment professional take to address the problem?

- A. Review the database records and identify all work items for completed process instances.  
Advise the database administrator to remove all work item records for completed process instances.
- B. Review the status of all process instances using the Business Process Choreographer Explorer. Manually delete all process instances that are in completed status.
- C. Verify if process instances in the database are completed and are not needed for any reporting. Automate the process deletion using the deleteCompletedProcessInstances script.
- D. Verify if the business integration applications in the environment provide different versions for business processes. Remove all unnecessary process templates using the deleteInvalidProcessTemplate script.

**Answer: C**

#### QUESTION 28

A telecommunications company is running on WebSphere Process Server 6.2 and intends to upgrade to WebSphere Process Server V7.0. In WebSphere Process Server 6.2, the backend systems are SAP applications and the corresponding WebSphere adapters are installed. What are the key sequential steps that the deployment professional needs to take to upgrade to WebSphere Process Server V7.0?

- A. Create Migration Target -> Augment target profiles with WESB and Process Server -> Migrate using BPM command line utility
- B. Create Target profiles -> Backup source profile -> Migrate using Profile Management tool -> Migrate database manually
- C. Create target profiles with all components -> Uninstall WebSphere Adapter for SAP

- applications from the 6.2 environment -> Use BPM profile migration command line utility  
D. install Migration Target -> Backup Source -> Apply interim patch on SAP Adapters -> Migrate using profile migration utility

**Answer: C**

### QUESTION 29

A company has a complex server infrastructure. All servers are allowed to communicate with each other due to the shared network infrastructure. A development team implemented new applications working with confidential business data and deployed them on a dedicated test server. A specific service provider application on a different business server exposes the data using the Business Process Choreographer (BPC) EJB interface to many other applications. The client application will query the data using synchronous requests on the remote EJB API. A special approval from the management was needed to test the new applications with realtime data. What should a deployment professional do to efficiently secure the environment and prepare the test environment?

- A. Configure the Common Secure Interoperability Version 2 (CSlv2) inbound and outbound authentication for the test and business server. Register the test server as trusted identity on the business server.
- B. Configure the Representational State Transfer (REST) services for the BPC. Create a secured proxy server exposing the service endpoints and provide the exposed URL and login credentials to the development team.
- C. Enable Java 2 security on the business server. Request a list of necessary permissions for the client application from the development team and add them to the business servers policy file.
- D. Enable the development server for Single sign on (SSO). Configure identity assertion for Common Secure Interoperability version 2 (CSlv2) outbound authentication on the development server and disable identity assertion on the business server.

**Answer: A**

### QUESTION 30

A deployment professional is tasked with creating a scalable cell topology. The customer is not concerned about high availability because all the modules will be synchronous and lost requests can be resubmitted. Given the requirements, which of the following must be included?

- A. A 64bit OS
- B. HACMP for AIX
- C. A Load Balancer for incoming requests
- D. A proxy seiver for routing synchronous requests.

**Answer: C**

### QUESTION 31

Which one of the following messages tells the deployment professional that a business module named yApp?has deployed successfully and is running?

- A. WSVR0221I: Application started: MyAppApp
- B. WSVR0200I: Starting application: MyAppApp
- C. CWSCA3009I: The SCA module "MyAppApp" is starting.
- D. ADMA70211: Distribution of application MyAppApp completed successfully.

**Answer: A**

### QUESTION 32

A client wants to build a clustered environment in preparation for an unknown number of business processes to be deployed to in the future. Flexibility in the systems' capability required. The deployment professional has recommended the Remote Messaging and Remote Support topology. Which of the following explains the deployment professional' recommendation?

- A. it uses the fewest physical servers.
- B. it has unlimited scalability for messaging.
- C. it uses multiple active messaging engines.
- D. It has the most scaling and performance tuning flexibility.

**Answer: D**

### QUESTION 33

A company has deployed new applications using relationships to correlate external Enterprise Information System (EIS) specific data. The memory consumption of the server increased since the new applications have been deployed and reached a critical value. Which of the following is the BEST approach for a deployment professional to address the problem?

- A. Uninstall the Relationship Manager application to avoid unnecessary queries for relationships.
- B. Decrease the value of the relationship services Query Block Size parameter and monitor the system.
- C. Tune the relationship service database to improve query performance and reduce the memory footprint for caching.
- D. Configure the relationship service on a dedicated server to control the memory consumption using the JVM settings.

**Answer: B**

#### QUESTION 34

Which of the following deployment environment patterns is MOST recommended in a scenario that has following conditions: 1. Heavy Common Event Infrastructure (CEI) activity 2. All functions should be separated 3. Hardware usage should be minimum

- A. Single Cluster
- B. Remote Messaging
- C. Remote Messaging and Remote Support
- D. Remote Messaging and Remote Support, including Web server

**Answer: C**

#### QUESTION 35

WebSphere Process Server (WPS) V7.0 introduces a new Service Component Architecture (SCA) container. Which of the following changes in the architecture result in improved performance?

- A. There is no dependency for an EJB container for WPS V7.0 applications.
- B. The new Business object Runtime Framework replaces the old Business object framework.
- C. Code generation, validation, and packaging is fully covered during the application deployment.
- D. Applications for WPS V6.2 and previous releases are automatically migrated to V7.0 during deployment.

**Answer: A**



### QUESTION 36

During the design of a large-scale high-volume topology, a deployment professional is consulting with a client on the planned design and configuration of the databases required for the messaging resources. During this discussion the deployment professional notes that it would be preferable to configure a separate database for the Business Process Choreographer (BPC) messaging engine. What is a reason for making such a suggestion?

- A. Database logging could become a performance bottleneck.
- B. All of the components require the database schema to be named MEDBPMOO.
- C. The separate database is created automatically in a network deployment environment.
- D. Shared databases between the BPC and the SCA bus are not supported in production environments.

**Answer:** A

### QUESTION 37

The deployment of a module needs to be automated. The deployment professional is required to do this task using wsadmin. Which of the following will be the BEST option?

- A. Run scripts from jython script library in interactive mode.
- B. Write custom jython script and execute it upon requirement.
- C. Use scripting procedures under `app_server_root/scriptLibraries/application/V70`.
- D. Use a text editor to combine following jython scripts `stopServer.py`, `BeginBLADeployment.py`, `SaveConfig.py`.

**Answer:** C

### QUESTION 38

A scalable and highly available WebSphere Process Server environment is built using a Remote Messaging deployment environment pattern. When Common Event Infrastructure (CEI) is enabled which leverages the default messaging provider, the runtime performance degraded significantly. What are the actions a deployment professional could take to reconfigure the messaging infrastructure and modify the settings to account for the extra load caused by CEI processing?

- A. Configure the event service on a separate cluster and add this cluster as the bus member.
- B. Disable the Persist events to the data store property of the corresponding event groups of the events that belong to your application.

- C. Modify the configuration settings of the event emitter factory profile for the CEI processing to enable the support for JMS transmission.
- D. Using the default messaging configuration, set up multiple JMS queues to route events to the service integration bus queue destination cluster.CommonEventInfrastructureQueueDestination.
- E. Use deployEventServiceIvdb administrative command to set up more than one JMS queue to route events to the event service using the default embedded messaging configuration for event transmission.

**Answer:** AB

### QUESTION 39

A deployment professional is asked to clean up several failed events that belong to a long running business process in a clustered WebSphere Process Server environment. These failed events were created as a result of an identified outage of the backend database. Several instances of this business process were created during this outage and have been deleted. What corrective action should the deployment professional take to clean up these failed events?

- A. Use the configRecoveryForCluster command to specify a cluster, that is configured to manage failed events.
- B. Find the events in the Failed Event Manager that belong to the Business Flow Manager hold queue and replay the Hold queue messages.
- C. Create a custom program and use the Business Flow Manager API queryHldQueueMessage to query all the events and deleteHldQueueMessage to discard the failed events.
- D. Create a custom program and use the queryFailedEvents method of the FailedEventManager interface to query all the events associated with this business process, and use the discardFailedEvents method.

**Answer:** B

### QUESTION 40

The deployment professional is in the process of implementing security in WebSphere Process Server by configuring LDAP. In the Configuration tab of standalone LDAP registry page, the deployment professional has chosen ?utomatically generated server identify?option so that the applicationstandalone LDAP registry page, the deployment professional has chosen ?utomatically generated server identify?option so that the application server generates the server identity that is used for internal process communication. At the end of the configuration, the deployment professional wants to change the server identify. Which of the following options is valid?

- A. Server identity cannot be changed once it is generated during the initial configuration.
- B. Server identity can be changed by revisiting the Runtime tab of standalone LDAP registry page.
- C. Server identity can be changed by revisiting the configuration tab of standalone LDAP registry page again.
- D. Server identity can be changed by selecting the Authentication mechanisms and expiration option available in GIB. al Security link.

**Answer: D**

#### QUESTION 41

A deployment professional is given the task of installing WebSphere Process Seiver in multiple Linux environments and decides to automate the process using silent install. During the installation process, several issues were encountered. What is the cause of the issues?

- A. The install\_image/wbi/run\_templates script did not have the correct parameters.
- B. The version of the operating system used is Red Hat Enterprise Linux (RHEL) 4.0 which is no longer supported.
- C. The response file used by the Installation Manager program was created based on the installImage/wbi/template\_response.xml file.
- D. The response file read by the Installation Manager program has the correct case for property names and values but were enclosed with double quotation marks.

**Answer: A**

#### QUESTION 42

A deployment professional has been asked to review the backup plan of a WebSphere Process Seiver (WPS) Network Deployment installation with a standard Remote Messaging and Remote Support two node cell. The deployment professional has noticed that the databases are backed up on a different cycle and separate from the transaction logs. Predict the consequences during a database recovery from backup.

- A. WPS will automatically synchronize database and transaction logs during normal startup.
- B. WPS must be restarted in recovery mode to automatically synchronize database and transaction logs.
- C. WPS may not start up normally because the database and transaction logs backup are not synchronized.
- D. WPS transaction logs will have to be manually edited to remove transaction that occurred after the backup.

**Answer: C**

#### QUESTION 43

A development team has scheduled a new series of test cycles for their applications. For the planned load test the following requirements have been specified by the team to complete the test and identify runtime problems. The team must monitor the number of failed asynchronous invocations; status of the messaging engines and deployed application modules. Which approach will support the team to gather the required information during the test cycle?

- A. Add all members of the development to the monitor security role for the administrative console and provide login information.
- B. Create a Business Space with the respective system administration widgets and provide login information to the development team.
- C. Enable tracing for the application and messaging engine hosting servers and provide access for the trace files to the development team.
- D. Enable the Failed Event Manager and the Service Integration Bus (SIB) Browser application for remote access and provide login information to the development team.

**Answer: B**

#### QUESTION 44

A company has severe problems with two SCA modules being deployed on a production environment. The cluster consists of multiple nodes and many other applications are deployed already. After a first investigation of the problem, the root cause seems to be related to inter-module SCA invocations. The problem must be solved as soon as possible with a minimal effect on other applications. Which approach should a deployment professional recommend to troubleshoot the problem on a production environment?

- A. Enable a SCA component-related trace on all application servers and analyze the data using the Log Analyzer in the IBM Support Assistant (ISA).
- B. Enable a cross-component trace for both SCA modules on all application servers. Capture a snapshot data to correlate the problem with the application workflow.
- C. Enable a SCA component-related trace on all application servers in the clustered environment. Analyze the traces for the problem by comparing the data for all servers.
- D. Enable a SCA component-related performance metric using the Tivoli Performance Viewer (TPV) in the administrative console. Monitor the number of failing SCA invocations for both modules.

**Answer: B**

#### QUESTION 45

A deployment professional is performing a review of the audit and logging practices being used. One of the items under review is the current level of logging configured for the Human Task Manager. The site database administrator requires that any changes made which affect the amount and type of data being stored to the database must be reviewed and approved prior to implementation. Which of the following log settings would impact the data stored to the database?

- A. Audit logging
- B. Failed event logging
- C. Task history logging
- D. Common Event Infrastructure (CEI) logging

**Answer: A**

#### QUESTION 46

A problem is reported with a deployed business process in the production environment with several of the application target JVMs exhibiting high CPU utilization. The deployment professional has obtained tprof output and javacores of the processes in question. What are the appropriate steps to take to locate the thread or threads which are responsible for the high CPU consumption?

- A. Find the threads from javacore
- B. Find the threads from sleep.prof
- C. Find the thread ID from javacore, convert them to hex code and search for calculated hex code in sleep.prof
- D. Find the thread ID from sleep.prof, convert them to hex code and search for calculated hex code in javacores

**Answer: D**

#### QUESTION 47

A deployment professional of a WebSphere Process Server Network Deployment environment has installed and configured Business Space. The deployment professional now needs to create a second cluster and have access to both from Business Space. What must be done to support this configuration?

- A. Manually edit the endpoints and the widget catalog file.
- B. Register the two widgets and specify a unique endpoint and context root.

- C. Modify the application for each cluster so that they have unique application names.
- D. Use the configure Business Space wizard in the Integration Solutions Console (ISC) to change the configuration for the second widget.

**Answer: A**

#### QUESTION 48

A customer new to WebSphere Process Server has promoted some Java developers to the WebSphere Integration Developer team. The developers want to monitor the use of some of the non-technology adapters (e.g., SAP and JD Edwards). The developers have started to design a database schema to persist the metrics and develop Java code to track the adapter usage. What should the deployment professional suggest to the WebSphere Integration Developer team?

- A. Add a data element in the Business objects to track start and stop times.
- B. Ensure the Java code connects to the database using a JNDI entry.
- C. Ensure the Java code stores time in Universal Standard time, not local time.
- D. Use the adapter monitoring provided by PMI and do not develop the Java code or the database.

**Answer: D**

#### QUESTION 49

A deployment professional is doing a manual creation of database tables for a Business Space runtime in a WebSphere Network Deployment runtime. The database is to be hosted on a remote DB2 instance. Which of the following must be done prior to beginning the creation of the database tables?

- A. Create profiles and configure servers or clusters for Business Space.
- B. Execute the profile\_root/dbscripts/BusinessSpace/preconfigDB.sh script.
- C. Use the Integrated System Console widget to define the IP address of the database server.
- D. stop all business process applications running in the cell to which Business Space is being installed.

**Answer: A**

#### QUESTION 50

In a company all the applications deployed in a WebSphere Process Server network deployment environment extensively leverage asynchronous messaging with JMS bindings. There is a requirement to resubmit the messages in case of infrastructure failures or planned shutdown. What is the suggested message reliability level that could be proposed in this situation?

- A. Assured persistent
- B. Reliable persistent
- C. Reliable non-persistent
- D. Best effort non-persistent

**Answer: A**

#### QUESTION 51

A deployment professional has installed WebSphere Process Server binaries on AIX 5.3 TL7 with 64 bit architecture. Now the deployment professional needs to create a cell with two managed nodes federated to the deployment manager profile. Select the option which is NOT applicable.

- A. Use the Profile Management Tool to create and augment profiles.
- B. Select the profile template <wps>/profileTemplate/managed.wbiserver.
- C. Select the profile template <wps>/profileTemplate/dmgr.wbiserver and use manageprofiles script.
- D. Create profiles using silent option through manageprofiles script on AA/PS\_HOME/bin/manageprofiles.

**Answer: A**

#### QUESTION 52

A deployment professional is asked to configure the Business Flow Manager such that it will store audit log events into the Business Process Choreographer database. The environment is a production clustered environment with the database already configured. Common Event Infrastructure logging has also been previously enabled. Using the Integrated Solutions Console to accomplish this task, what needs to be completed?

- A. Enable audit logging to the Business Flow Manager.
- B. Enable task history logging to the Business Flow Manager.
- C. Enable audit and task history logging to the Business Flow Manager.
- D. Add a custom property to the the cluster supporting the Business Process Choreographer.

**Answer: A**

### QUESTION 53

The deployment professional is using the Integrated Solution Console (ISC) to schedule the start of an application. In what time zone should the date be entered?

- A. Coordinated Universal Time (UTC)
- B. Local time zone of the deployment manager server
- C. Local time zone of the application cluster member server
- D. Local time zone of the client

**Answer: D**

### QUESTION 54

A deployment professional is using the Common Base Event Browser to diagnose a problem with an application. After login, an error message is displayed when clicking the "Get events" button. The deployment professional checks that the seiver is available and that the application has been started on the seiver. What is the cause of the error message?

- A. The messaging engines have not been started.
- B. The Common Event Infrastructure (CEI) server is unavailable.
- C. The application deployed did not have event generation enabled.
- D. insufficient authority to access the CEI bus.

**Answer: B**

### QUESTION 55

A deployment professional is mentoring new members of a team, UserA, UserB, UserC, UserD. Based on their skill set and experience, the deployment professional gave them the following roles in the Integrated Solutions Console (ISC). UserA: Administrator UserB: Operator UserC: Monitor UserD: Configurator Now, there is a requirement for monitoring the WebContainer thread pool usage in production application. UserC logged in to the ISC but was not able to monitor the data. What should be the next instruction from the deployment professional?

- A. UserA will change PMI level to basic and then UserC will take readings.
- B. UserB will change PMI level to extended and then UserC will take readings.



- C. UserD will change PMI level to basic and then UserB will take readings.
- D. UserD will change PMI level to extended and then UserB will take readings.

**Answer: D**

#### QUESTION 56

An integration developer has informed the deployment professional that the new Store-and-Forward feature will be used in a new set of modules under development. The integration developer wants to know if the deployment professional is ready to support use of the new feature. How should be the deployment professional reply?

- A. Store-and-Forward only works if event sequencing is not used.
- B. Store-and-Forward requires no action by the deployment professional to work.
- C. Store-and-Forward is only a technical preview and should not be used in production.
- D. Store-and-Forward only works if Common Event Infrastructure (CEI) events are not emitted.

**Answer: B**

#### QUESTION 57

Select the BEST order for creating a standalone profile for WebSphere Process Server 7.0.

- A. install the product -> Create profile -> Perform Installation Verification test -> Run installver\_wbi checksum tool
- B. install the product -> Create profile -> Run installer\_wbi checksum tool -> Perform Installation Verification test
- C. install the product -> Perform Installation Verification test -> Create profile -> Run installver\_wbi checksum tool
- D. Install the product -> Run installer\_wbi checksum tool -> Create profile -> Perform Installation Verification test

**Answer: D**

#### QUESTION 58

An application is processing a sales order between two SCA modules. The business process requires that all invocations between the modules are performed in a specific order. A runtime problem on one of the asynchronous invocations caused the application to fail and

the processing stopped for one of the transactions. What should a deployment professional do to solve the problem?

- A. Use the esAdmin tool to manually release all locks of the failing application module and restart the application.
- B. Identify the failed sequenced event related to the asynchronous invocation of the calling module and resubmit the event.
- C. identify the failed business process invoke activity and restart the activity to resubmit the event and complete the transaction.
- D. Enable the store-and-forward feature for the application and the events will be processed automatically if the runtime problem is solved.

**Answer: B**

#### QUESTION 59

A consultant is meeting with a client which is migrating from an evaluation single server instance of WebSphere Process Server to a production ready topology. The deployment professional is asked to make suggestions related to the configuration of a database to be used by the Business Process Container. When considering the configuration of the Business Process Choreographer into a production system, which statement is correct?

- A. Only DB2 should be used.
- B. A separate database should be used.
- C. The embedded Derby database should be used.
- D. A separate database shared with a messaging engine should be used.

**Answer: B**

#### QUESTION 60

An integration developer has informed the deployment professional that the new business integration module being worked on is using Common Event Infrastructure (CEI) events to monitor performance during stress testing, and that the plan is to remove the CEI event emitting code before going to production. What concerns should the deployment professional raise with the integration developer?

- A. Is static monitoring used to emit CEI events?
- B. Is dynamic monitoring used to emit CEI events?
- C. CEI is designed for business monitoring, and is not designed for performance monitoring.
- D. CEI events are performance heavy and will invalidate the stress testing results once removed.
- E. The business integration module will be changed to remove the CEI emitting events when

going from stress testing to production.

**Answer:** CD

#### QUESTION 61

New applications are being deployed which use Business Rules. To manage the Business Rules, the deployment professional chooses to deploy the Business Rule Manager. The environment is a WebSphere Process Server clustered configuration. Which configuration information is required to complete this task using the Integrated Solutions Console (ISC)?

- A. Event database name
- B. Support cluster name
- C. JNDI name for the Business Rules Manager application
- D. Context root for the Business Rules Manager application

**Answer:** D

#### QUESTION 62

A company wants to provide a new application prototype to any client to process their data. The intention is to start with a simple management system that provides a service to handle electronic contact requests. After a first evaluation of the solution, it is decided to use a WebSphere JCA adapter for e-Mail. The data will be processed by secured downstream SCA components once the data is sent to the adapter. What should be done to integrate the adapter solution in a secured WebSphere Process Server environment?

- A. Advise the development team to configure the security identity on all components connected with the adapter. Deploy the application and map the security identity.
- B. Advise the development team to enhance the service interface to retrieve customer specific information (e.g. user name and password). Each request sent to the adapter must be authorized for processing first.
- C. Consult the e-Mail service provider regarding the communication protocol. Secure the connection between the adapter and the service provider using SSL or similar protocols.
- D. No action is required. WebSphere JCA adapters do not provide any authentication or authorization mechanism for inbound and outbound operations.

**Answer:** A

### QUESTION 63

A deployment professional is asked to investigate a failure in a business process. However, the specific process instance being investigated is still running. After close examination, one of the activities of the process instance is stopped. What action should the deployment professional take to resolve this issue so that the current process navigation can continue?

- A. Change Continue On Error setting of the process template to no but make sure this setting is overridden at the activity scope to a value of yes.
- B. Change Continue On Error setting of the process template to yes and ensure this setting is inherited at the activity scope.
- C. Examine the variables of the stopped activity and update the values as necessary, and save the settings.
- D. Set the expiration for the stopped activity so that after a specified interval the activity terminates and the process can continue.

**Answer: C**

### QUESTION 64

A new customer to WebSphere Process Server has used adapters in several modules. There are many more modules in development that use adapters on their way to production. The customer is worried about resource consumption when all the modules are running. What should the deployment professional investigate about the use of the adapters?

- A. Are technology adapters or EIS adapters used?
- B. Is the same type of adapter used more than once?
- C. Is the same connection pool used for each of the adapters?
- D. Is the same type of adapter used at different version levels?

**Answer: B**

### QUESTION 65

A company completed the setup of a WebSphere Process Server (WPS) pre-production environment. The environment is clustered using different physical machines and the Remote Messaging and Remote Support topology. All business integration applications passed the functional tests and the deployment professional must complete environment performance tunings. Database related operations and the memory footprint are of concern. The deployment professional has limited knowledge on performance tuning best practices. Which action should the deployment professional take?

- A. Enable Performance Monitoring Infrastructure (PMI) metrics of interest and use the performance advisor loggings for recommended configuration changes.
- B. Enable the verbose Garbage Collection (GC) logging for the application cluster members

and analyse the log using the IBM Support Assistant (ISA) after each test run.

- C. Enable Performance Monitoring Infrastructure (PMI) metrics of interest and visualize collected runtime information using the Tivoli Performance Viewer (TPV).
- D. Enable the SCA B. server framework using an appropriate trace setting to collect runtime information of the business applications.

**Answer: A**

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