

Exam Code: 000-995

Exam Name: IBM WebSphere Process Server

V6.1.System Administration

Vendor: IBM

Version: DEMO

Part: A

1: A company has deployed a business process. A system administrator wants to view the events that are generated for the application using the Common Base Event Browser. However, when the developer created the application, event generation was not enabled. Which action should the system administrator take to dynamically enable Common Event Infrastructure (CEI) events for the application?

- A.Enable the diagnostic trace service.
- B.Change the log level details to Entry and Exit.
- C.Change the WBILocationMonitor.CEI trace setting to Fine.
- D.Update the .mon file that was deployed with the application for event generation.

Correct Answers: C

2: An administrator needs to monitor performance statistics for the Message Driven Beans (MDBs) within the WebSphere Process Server. Using the Tivoli Performance Viewer, which performance module provides the most relevant statistics for the MDBs?

- A.SIB Service
- B.Enterprise beans
- C.SCAStats.RootGroup
- D.WBIStats.RootGroup

Correct Answers: B

3: The WebSphere Process Server system has been experiencing OutOfMemory errors. The administrator checks the JVM memory settings and finds they are at the default values. What is the first step to properly tune the memory settings?

- A.Enable heap tracing.
- B.Enable javacore tracing.
- C.Enable verbose:gc tracing.
- D.Use utilities from the operating system to monitor the memory.

Correct Answers: C

4: A customer using business rules needs to install the Business Rules Manager application. Using the Deployment Environment Configuration wizard, a system administrator configures the Remote Messaging and Remote Support deployment environment pattern. Using this configuration, which cluster contains the Business Rules Manager application?

- A.Support
- B.Messaging
- C.Application
- D.Business rules

Correct Answers: A

5: A system administrator is asked to use the Deployment Environment Configuration wizard to create a bronze topology. In the wizard, what should the administrator select to configure this topology?

- A.Custom
- B.Single Cluster
- C.Remote Messaging
- D.Remote Messaging and Remote Support

Correct Answers: B

6: A WebSphere Process Server deployment environment is used by the development team. For simplicity, a Derby database was used as the backend database. The functional and recovery tests have passed the Proof of Concept (PoC).

The next stage will focus on performance tests of application and database throughput. Due to a limited amount of time and resources, the team plans to use the same deployment environment setup on multiple independent production systems.

Which action must the system administrator take to meet all of the requirements for the staging and production system?

- A.Configure additional cluster members on the deployment environment.
- B.Use the identical deployment environment configuration on all systems.
- C.Configure a deployment environment referencing a high performance database instead of Derby.
- D.Setup multiple remote Derby backend databases for different schemas used by the deployment environments.

Correct Answers: C

7: A company plans to setup a WebSphere Process Server pre-production environment. The application cluster will span multiple nodes and be a member of the Business Process Choreographer (BPC) bus. The business applications are optimized for throughput and primarily communicate asynchronously with external client applications. The development team asks the system administrator for advice on how to configure the BPC bus related messaging engines. What should the system administrator recommend to the team about the messaging engine configuration?

- A.Multiple messaging engines provide the highest throughput.
- B.A single messaging engine can become a performance bottleneck.
- C.Multiple messaging engines can cause messages to become stuck.
- D.A single messaging engine does not need additional configuration effort.

Correct Answers: C

8: A company set up a golden topology to verify functionality of business integration applications on a pre-production system. The development team will perform tests regarding failover and recovery mechanisms of all nodes being part of the topology. The applications installed use the full stack of WebSphere Process Server components (SOA core, service and support components). Once a test run begins, exceptional situations regarding asynchronous BPEL invocations are expected and certain Common Base Events (CBE) need to be monitored interactively. At any time the team must also be able to handle these situations on a later production system.

How should the system administrator adjust the environment to guarantee high availability?

- A.Ensure that the HAManager is enabled.

- B. Configure a backup cluster for the application deployment target.
- C. The WebSphere Process Server common database backend must be clustered.
- D. Make the deployment manager highly available using operating system capabilities.

Correct Answers: D

9: A company set up a WebSphere Process Server deployment environment spanning multiple nodes across physical machines. The deployed applications serve a high number of flight booking transactions running in a close time frame. High availability and data consistency are identified as the most important requirements for the production system.

It is expected that a failing server instance or machine outage will have a minimal effect on active processes.

Which three configuration settings or prerequisites should the system administrator enable to prepare the system for these situations?

- A. The deployment manager must be highly available.
- B. Enable the peer recovery functionality on the cluster.
- C. A separate messaging engine cluster must be configured.
- D. Ensure that used resources are available to all cluster members.
- E. Store the transaction log files on a highly available file system.
- F. The databases used by WebSphere Process Server must be clustered.

Correct Answers: B D E

10: An administrator sees the following message in the process server's SystemOut.log:

```
"java.lang.ClassCastException: com.ibm.ws.bo.bomodel.impl.  
DynamicBusinessObjectImpl incompatible with  
java.util.Collection"
```

The administrator decides to enable server tracing to gather more detailed diagnostic data about the error message.

How should the administrator enable server tracing?

- A. Specify the trace string BOCORE=all.
- B. Specify the trace string com.ibm.bpe.*=finest.
- C. Use the Log Analyzer to identify which components to trace.
- D. Set the trace string as described in the IBM Support document for Business Objects.

Correct Answers: D

11: While trying to use the Business Process Choreographer Explorer, a system administrator receives the following error:

CWWBU0001E: "A communication error occurred when the BFMConnection function was called"

Which action should the administrator take to solve this problem?

- A. Restart the server.
- B. Verify the administrative security settings.
- C. Verify the business process container is running.
- D. Launch a new Business Process Choreographer Explorer window.

Correct Answers: C

12: An administrator is troubleshooting a failed event. After reading information about the event on the Failed Event Details page, the administrator examines the server's SystemOut.log and finds several error messages that seem to be related to the event. Which action should the administrator take next to gather more specific diagnostic information?

- A.Restart the server from the command line using the -trace option.
- B.Use the Failed Event Manager to resubmit the failed event with trace.
- C.Use the Failed Event Manager to resubmit the event and examine the server's SystemErr.log.
- D.Use the Business Process Choreographer Explorer to configure trace control and resubmit the event.

Correct Answers: B

13: A system administrator has enabled Audit Logging and Common Event Infrastructure (CEI) Logging for both the Business Flow Manager (BFM) and the Human Task Manager (HTM). During the execution of a business process and human task, the administrator observes the following exceptions:

CEMEM0003E: The specified emitter factory was not found in JNDI

CWWBE0013E: An error occurred during the event handling of 'processStarted' in the observer plug-in type

'com.ibm.bpe.events.sop.StateObserver2PluginImpl'.

com.ibm.bpe.events.sop.exceptions.StateObserverPluginRuntimeException:

CWWBP0011E: An exception occurred while obtaining an event factory.

Which action should the system administrator take to resolve this problem?

- A.Restart the event factory.
- B.Verify CEI is installed and properly configured.
- C.Disable audit logging and enable only CEI logging for the server.
- D.Restart the Business Process Choreographer and human task containers.

Correct Answers: B

14: An error occurred while installing a business application using the Integrated Solutions Console. What is the recommended next step to address the problem?

- A.Stop the server and delete the wstemp directory, then re-deploy the application.
- B.Discard the changes on the master configuration and review the SystemOut.log file.
- C.Re-package the application using the serviceDeploy tool followed by a re-installation.
- D.Install the application on another set of servers to verify if this is a common issue.

Correct Answers: B

15: The installation of a business integration application using the Integrated Solutions Console failed. The administrator has saved the changes to the master configuration after a problem was reported. Before the application can be re-deployed, which step has to be performed?

- A.The application must be renamed to avoid a naming conflict during the next deployment phase.
- B.The server must be re-cycled, during the stop phase the transaction log file must be cleaned.
- C.Application relating SIB destinations and J2C activation specifications must be deleted manually.

D.The master configuration of the server must be restored, followed by a restart of the environment.

Correct Answers: C

16: Which tool is used to install an interim fix to the WebSphere Process Server?

- A.Update Installer
- B.IBM Support Assistant (ISA)
- C.IBM Installation Manager
- D.Launchpad and Installation wizard
- E.The install executable provided with the fix

Correct Answers: A

17: If an installation of WebSphere Process Server fails, how might an administrator proceed to gather diagnostic data to identify at which point in the installation of the WebSphere Process Server a component failed to install properly?

- A.Examine the contents of <install_root>/logs/wbi/install/log.txt.
- B.Examine the contents of <install_root>/logs/manageprofiles/pmt.log.
- C.Run the installver_wbi command and examine the contents of the installver.log.
- D.Run the Installation Verification Tool and examine the contents of the ivtclient.log.

Correct Answers: A

18: An administrator wants to run the IBM Support Assistant's (ISA) interactive Collector service to gather diagnostic data for a runtime problem. The specific problem is occurring on a production system which is running WebSphere Process Server V6.1. How can the administrator run the interactive Collector service on the production system?

- A.Install ISA on the production system.
- B.Run the collector.bat/sh command on the production system.
- C.Create a portable collector and FTP it to the production system.
- D.Establish an SSH session with the production system and run ISA remotely.

Correct Answers: C

19: An administrator is using the installation wizard to install a stand-alone environment for the WebSphere Process Server. The install process appears to be nonresponsive. Which action should the administrator take to gather information about the status of the install process?

- A.Monitor the launchpad process to see how much memory and CPU it is using.
- B.Use the Installation Verification Tool to obtain the status of the install process.
- C.Examine the %TEMP%\log.txt or /tmp/log.txt file to see if there are any recent messages.
- D.Examine the <install_root>/logs/wbi/install/log.txt file to see if there are any recent messages.

Correct Answers: C

20: Which component of the Common Event Infrastructure (CEI) architecture can be configured via the Integrated Solutions Console to filter event information at the source?

- A.Event bus
- B.Event access

C.Event source

D.Event emitter

E.Event distribution

Correct Answers: D