Vendor: IBM

Exam Code: A2180-317

Exam Name: Assessment: IBM WebSphere Appl Server ND V8.0, Core Admin.

Version: DEMO

QUESTION 1
A system administrator needs to use wsadmin to execute commands interactively. The WebSphere cell has global security enabled. To avoid the security login dialog when executing wsadmin, the administrator should:

A. edit the sas.client.props file.
B. edit the wsadmin.properties file.
C. use the argument -user <current_user>.
D. login in to the local operating system (local OS) with an administrator user id.

Answer: A

QUESTION 2
Which one of the following profile related tasks can only be performed using the manageprofiles command-line facility?

A. Delete a profile
B. Secure a profile
C. Federate a profile
D. Update profile templates

Answer: A

QUESTION 3
Which of the following items best gives a reason to perform an unattended installation of WebSphere Application Server?

A. The installation for the particular target platform is being done for the first time.
B. The installation for the particular target platform has been done before and will be repeated in the future.
C. The installation for WebSphere Application Server would initially not be able to include administrative security.
D. The installation for the particular target platform is expected to require a lot of adjustments to be done over several installation attempts.

Answer: B

QUESTION 4
A WebSphere Application Server installation finishes and the primary installation log indicates an exit code of INSTCONFSUCCESS. What is the best conclusion that can be resolved from this result?

A. The Web server installed successfully.
B. The WebSphere Application Server installed successfully.
C. The InstallShield Wizard executed successfully to launch WebSphere Application Server installation.
D. The target operating system determined that it is compatible with WebSphere Application Server and had configured environment variables for it.

Answer: B

QUESTION 5
In order to verify that a server has started successfully and all of its components have initialized without throwing any exceptions, what steps should an administrator perform?

A. Use the Log Analyzer to view the servers activity.log file.
B. View the servers startServer.log and native_stdout.log files.
C. Examine the SystemOut.log file for the current server process.
D. Log in to the administrative console and examine the runtime messages.

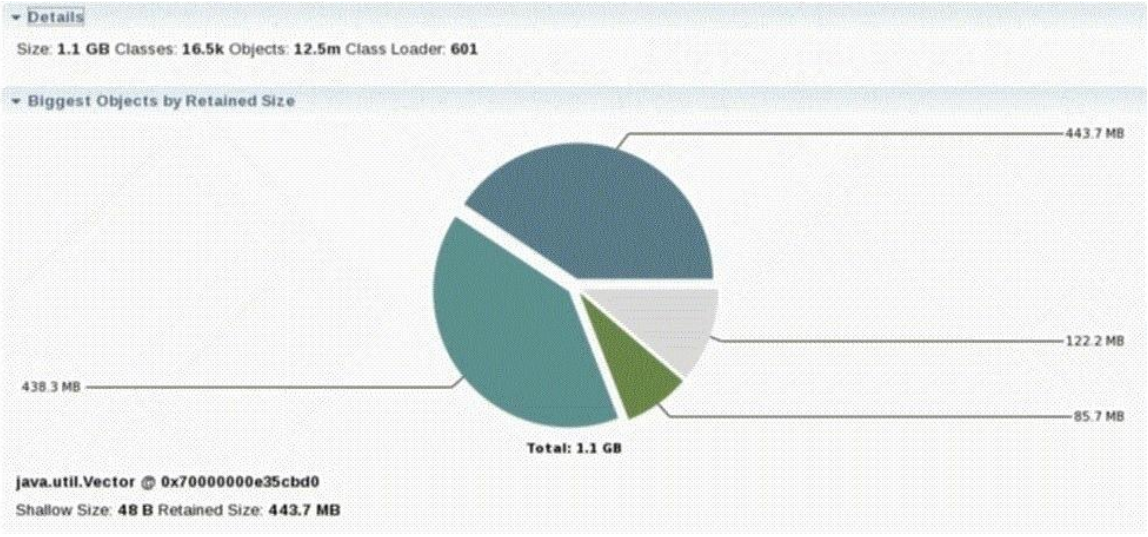
Answer: C

QUESTION 6
An application developer needs to know the SOAP_CONNECTOR_ADDRESS for their development application server. The Integrated Solutions Console (ISC) is unavailable because the Deployment Manager server is down for maintenance. How can the system administrator determine the proper port number for the developer? Search for SOAP_CONNECTOR_ADDRESS in the:

A. server.xml
B. serverindex.xml
C. resources.xml
D. virtualhosts.xml

Answer: B

QUESTION 7
Consider the Exhibit, a report generated by the IBM Support Assistant (ISA) that reveals a prevailing problem within a WebSphere Application Server environment. What should the administrator do?



A. Increase the amount of physical memory for the server.
B. Ensure that all connections taken from the data source are returned to the pool.

C. Determine why the collection class increases in size and consumes memory.
D. Modify the application so it uses stateless instead of stateful session beans to conserve the heap.

Answer: C

QUESTION 8
A system administrator has enabled the HPEL mode on an application server, but has disabled the HPEL text log to improve performance. How can the administrator view only the messages that were streamed to System.out and System.err by a single server thread?

A. Use a text editor to open a log file in the server's logdata directory, and search for the thread ID.
B. Use the Log Analyzer to import the SystemOut.log file for the server and search on the thread ID.
C. Use the Integration Solutions Console (ISC) Log Viewer to select a thread and then click the "Show Only Selected Threads" button.
D. Use the Integration Solutions Console (ISC) Log Viewer's filtering section to search for the string "Thread ID*" in the message content field.

Answer: C

QUESTION 9
A WebSphere Application Server has been set up to receive requests from an IBM HTTP Server (IHS). A system administrator has been asked to examine the environment for problems (if any) and has been given several log files to check. This is an excerpt from the IHS's access.log:

```
<host_ip> - - [26/Jan/2012:14:17:19 +0800] "GET /Login.jsp HTTP/1.1"
500 620
```

What should the administrator do next?

A. No action needed. The access.log does not indicate any problems.
B. Determine what could be causing the HTTP status code 620.
C. Verify Login.jsp can be found in the document root directory of the IHS.
D. Check the server's SystemOut.log file to see what errors occurred around the same time.

Answer: D

QUESTION 10
Customers are complaining that a particular web site is "hanging". To troubleshoot the problem, a system administrator decides to trigger several thread dumps to determine which threads might be hung. How can the administrator trigger the thread dumps?

A. Use wsadmin to execute the dumpThreads command for the application server.
B. Run the collector command line script with the -Summary option set to "yes".
C. Set the node agent's custom property "com.ibm.websphere.threadmonitor.dump.java" to true.
D. From the Integrated Solutions Console (ISC), click the System dump button for the application server.

Answer: A

QUESTION 11
An application server needs to be diagnosed for out-of-memory issues. The system administrator

will use a tool that performs the analysis of the heap dump. Which tool should the administrator use?

A. IBM Support Assistant (ISA)
B. IBM Solutions Console (ISC)
C. IBM Assembly and Deploy Tools (IADT)
D. Tivoli Performance Viewer (TPV)

Answer: A

QUESTION 12
Performance issues have caused several high profile outages in a WebSphere Application Server Network Deployment V8.0 environment. The application developer has isolated the problem to one specific application. To assist with the problem diagnosis a system administrator has been asked to enable the highest level of WebSphere tracing available. How should the system administrator accomplish this? Enable tracing and set the level to:

A. *
B. all
C. finest
D. debug

Answer: B

QUESTION 13
A system administrator needs to monitor a transaction and determine how much time it spends in the web container, EJB container, and backend database. Which tool should the administrator use to gather response times for each component?

A. Request metrics
B. Performance servlet
C. Thread Pool Summary Report
D. Runtime Performance and Diagnostic Advisor

Answer: A

QUESTION 14
An administrator needs to monitor the frequency of garbage collection (GC) cycles that are triggered when a typical client load is run against the server. How should the administrator monitor the frequency of garbage collections?

A. Use the Log Analyzer to view the verbose GC logs.
B. Use the HPEL Log Viewer and look for System.gc() calls.
C. Use the Tivoli Performance Viewer (TPV) and select the JVM Runtime.
D. Run the performance servlet to gather the verbose GC data.

Answer: C

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