C9510-401^{Q&As}

IBM WebSphere Application Server Network Deployment V8.5.5 and Liberty Profile, System Administration

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QUESTION 1

A system administrator was asked by the development team to inform them of any warning message which contains a string "Connection" on a WebSphere Application Server with High Performance Extensible Logging (HPEL) enabled.

A. Configure log detail levels to include filter on "Connection" string.

B. Use the Log Viewer in the administrative console with filter on "Connection" string.

C. Use the logviewer.sh or logviewer.bat command with appropriate options.

D. Use the Log Viewer in the administrative console with filter on "Connection" string and enable the "Refresh automatically" feature.

Correct Answer: C

The High Performance Extensible Logging (HPEL) facility writes to the log and trace repositories in a binary format. You can view, query and filter the repository using the LogViewer command.

logviewer.sh -monitor -includeLoggers Connection

-monitor [integer]Specifies that you want the logViewer to continuously monitor the repository and output new log record entries as they are created. You can provide an optional integer argument after this parameter to specify how often you want the LogViewer tool to query the repository for new records. By default the logViewer queries the repository for new records every 5 seconds. When used with other filtering options, only those new records that match the filter criteria are displayed.

References: https://www.ibm.com/support/knowledgecenter/en/SSAW57_8.5.5/com.ibm.websphere.nd.doc/ae/rtrb_logviewer.html

QUESTION 2

After installing an enhanced EAR in a WebSphere Application Server environment, a system administrator with Configurator privileges is able to see a JDBC provider and a data source in the Integrated Solution Console (ISC) but is not able to delete these resources.

How can the administrator resolve this issue?

A. Use the AdminTask object to delete the resources.

B. Stop all application server instances and then delete the resources.

C. Ask another administrator with iscadmin privilege to delete the resource.

D. Edit the EAR to remove the application scoped resources and reinstall the application.

Correct Answer: A

The JDBCProviderManagement command group for the AdminTask object includes the following commands:

References: https://www.ibm.com/support/knowledgecenter/en/SSAW57_8.5.5/com.ibm.websphere.nd.doc/ae/rxml_atjdbcprovider.html

QUESTION 3

An EJB application posts a request message into a JMS destination and waits for a response message on a different JMS destination. To correlate the response message to the request message, the application uses the JMS correlationId of the message. The application waits up to five seconds for a response before timing out the request.

A Message Driven Bean (MDB) running on a different cluster is responsible for consuming the request message, process it and post a response message.

The destinations are defined in a Service Integration Bus (SIB) within the cell. Intermittent timeout exceptions have occurred for the requester application. How can a system administrator correlate and analyze the debug information from both requester and consumer applications?

A. Enable High Performance Extensible Logging (HPEL).Use HPEL logViewer command to see debug information.

B. Enable a diagnostic trace in both requester and consumer servers.Use the Integrated Solutions Console (ISC) to set the admin=all trace.Analyze the trace.

C. Enable High Performance Extensible Logging (HPEL).Enable Cross Component Trace (XCT) to include request IDs in log and trace records.Use HPEL logViewer command with appropriate filters to see debug information.

D. Using the Integrated Solutions Console (ISC), browse the request message that has timed out and look for any key application data.Search for exceptions using the key application data in both requester and consumer in native_stderr.log and native_stdout.log.

Correct Answer: C

Cross Component Trace (XCT) annotates the logs so that log entries that are related to a request that is serviced by more than one thread, process, or even server are identified as belonging to the same unit of work. XCT helps identify the root cause of problems across components.

References: WebSphere Application Server V8.5 Administration and Configuration Guide for the Full Profile (July 2013), page 1091

QUESTION 4

A system administrator has started a Liberty profile server using the default values. Later, the administrator modified the server.xml file for the server to include

The administrator placed the application ServletApp.war in the apps directory under ${server.config.dir}. While accessing the correct URL for the home page of the application, the error "Context Root Not Found" occurs in the browser.

How can the administrator resolve this error?

A. Restart the Liberty profile server.

B. Install the ServletApp.war file using the Integrated Solutions Console (ISC).

C. Place the ServletApp.war file in the directory named dropins under ${server.config.dir}.

D. Place the ServletApp.war file in the directory named applications under ${server.config.dir}.

Correct Answer: D

QUESTION 5

A system administrator has created a Jython script called globalScript.py.

What should the administrator do to ensure globalScript.py is loaded when the wsadmin shell is used?

A. Compile globalScript.py to a Java class in the bin directory.

B. Invoke wsadmin with the argument -profileName globalScript.py.

C. Modify the configureCustomProperty script to import globalScript.py.

D. Set the script profiles in the wsadmin.properties file to load globalScript.py.

Correct Answer: D

wsadmin.properties has this entry com.ibm.ws.scripting.profiles where we can add the scripting files to be loaded.

References: https://www-01.ibm.com/support/knowledgecenter/SSAW57_8.5.5/ com.ibm.websphere.nd.doc/ae/rxml_propscript.html