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 has created a cluster containing two servers in a same node. The administrator did not select the option Generate unique HTTP ports during the creation of the cluster members. After the cluster creation, the administrator changed the HTTP port of the second cluster member to 9081.

Testing the servers using the snoop servlet directly to the server\\'s HTTP port, the administrator got the following error message for the second server:

> SRVE0255E: A WebGroup/Virtual Host to handle
> server2:9081 has not been defined

How can the administrator fix this problem?

A. Regenerate and propagate the HTTP plug-in.

B. Add the port 9081 to the default_host alias.

C. Create a new virtual host alias at the cell level for the port 9081.

D. Edit the server.xml for the second server and add the port 9081.

Correct Answer: B

Problem(Abstract) When setting up IBM Cognos within IBM WebSphere, the URI is not accessible. The error message when trying the http://:/p2pd/servlet/dispatch is

SRVE0255E: A WebGroup/Virtual Host to handle /p2pd/servlet/dispatch has not been defined. Symptom Unable to start IBM Cognos Business Intelligence

Cause The virtual host does not contain IBM WebSphere Port that the Application server is listening on. This may be one of several reasons.

References: http://www-01.ibm.com/support/docview.wss?uid=swg21438842

QUESTION 2

A system administrator wants to learn some of the Python scripting commands for the administration of the environment.

Which product feature should the administrator use?

A. The wsadmin.properties file to load a profile.

B. The AdminTask object to generate wsadmin scripts.

C. The guided activities panel from the Integrated Solutions Console (ISC).

D. The "Log command assistance commands" option in the Integrated Solutions Console (ISC).

Correct Answer: D

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 configured a network deployment cell containing multiple nodes and global security enabled with an LDAP repository. To increase capacity, the administrator needs to add additional nodes to the cell. After adding the nodes by using both scripts and the Integrated Solutions Console (ISC), the administrator examines the System.out log for the deployment manager and notices the following message:

```
0000004d ORBRas E com.ibm.ws.security.orbssl.WSSSLClientSocketFactoryImpl
createSSLSocket ProcessDiscovery : 0 JSSL0080E:
javax.net.ssl.SSLHandshakeException
The client and server could not negotiate the desired level of security.
Reason?com.ibm.jsse2.util.h: No trusted certificate found
```

How can the administrator resolve this problem?

A. Disable Java 2 security.

B. Restart the deployment manager.

C. Increase the RSA token timeout value.

D. Change the number of active LTPA keys.

Correct Answer: B

When nodes are added while LDAP security is enabled, the following exception is generated in the deployment manager System.out log under certain circumstances. If this happens, restart the deployment manager to resolve the problem. 0000004d ORBRas E com.ibm.ws.security.orbssl.WSSSLClientSocketFactoryImpl createSSLSocket ProcessDiscovery : 0 JSSL0080E: javax.net.ssl.SSLHandshakeException The client and server could not negotiate the desired level of security. Reason?com.ibm.jsse2.util.h: No trusted certificate found

References: https://www.ibm.com/support/knowledgecenter/en/SSAW57_8.0.0/com.ibm.websphere.nd.doc/info/ae/ae/tagt_svr_conf_nodes.html

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QUESTION 5

A performance test team was testing the capacity of concurrent users of a web application deployed on a multi-processor server. While testing 250 concurrent users, the administrator discovers connections to the database are failing.

In response, a system administrator increased the connection pool to the maximum limit which the database allows and increased the prepared statement cache size. The test passed, but the application response time was slower.

How should the system administrator tune the data source properties to improve the application response time?

A. Change connection pools purge policy.

B. Decrease connection pool reap time.

C. Decrease number of free pool partitions.

D. Decrease the prepared statement cache size.

Correct Answer: D

The higher the statement cache, the more system resources are delayed. Therefore, if you set the number too high, you might lack resources because your system cannot open multiple prepared statements.

References: http://www.ibm.com/support/knowledgecenter/en/SSAW57_8.5.5/com.ibm.websphere.nd.d oc/ae/udat_jdbcdatasorprops.html

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