Exam Code: 000-341

Exam Name: WebSphere Application Server V5.0,

Multiplatform Administration

Vendor: IBM

Version: DEMO

Part: A

1: Upon monitoring an application it is found that the passivation and activation counters for EJBs are extremely high. What is the BEST change to be made to the server configuration to improve EJB subsystem performance?

A.Increase the JVM heap size

B.Increase the EJB cache size

C.Increase the EJB cache cleanup interval

D.Increase the maximum ORB service connector cache size

Correct Answers: B

2: A Web application is suspected to have a (concurrent access) synchronization problem. Which PMI modules should be monitored to try and isolate the performance problem?

A.Dynamic cache

B.J2C connectors

C.Web applications

D.JVM runtime

E.Web container thread pools

Correct Answers: C E

3: A high volume application in a clustered environment uses only local sessions. Occasionally a request having session affinity is routed to an alternative application server. This happens even when the application server with affinity does not fail. What is the most likely contributing factor?

A.The session time-out value is set too high

B.The session cache size is configured to be too small.

C.The web container thread pool for the application is too small on each server.

D.It is the nature of session affinity with local only sessions.

Correct Answers: C

4: What should an administrator guarantee too ensure that the following command performs as expected when run on the deployment manager node? backupConfig cellBackup-nostop

A.All application code must be present on the deployment manager node.

B.No configuration changes should be made while the command executes.

C.The command should be preceded by a syncNode Command from the deployment manager node.

D.The file cellBackup does not already exist.

Correct Answers: B

5: Concurrent access to HttpSession objects is possible in a certain application. The BEST approach for the system administrator to make this behavior safe involves:

A.Checking the ?¡ãAllow serial access?¡À session management property for the installed enterprise application.

B.Checking the ?¡ãAllow serial access?¡À session management property for the application server on which the application is installed.

C.Checking the ?¡ãAllow overflow?¡À session management property for the installed enterprise application.

D.Having the developer mark all application methods that access the session as synchronized.

Correct Answers: A

6: An enterprise application has an execution profile where 50% of the HTTP requests hit the EJB layer. Which pair of application server settings best fit this application profile?

I. Maximum web container thread pool size =25

II. Maximum web container thread pool size = 50

III. Maximum ORB service thread pool size = 25

IV. Maximum ORB service thread pool size = 50

V. Maximum EJB cache size = 25

VI. Maximum EJB cache size = 50

A.I and IV

B.I and III

C.II and III

D.II and V

E.III and VI

Correct Answers: C

7: Which of the following manual tasks may need to be carried out before distributing plugin-cfg.xml to web server machines?

A.Edit plugin-cfg.xml Virtual Host names to coincide with the virtual host names defined within the corresponding web server.

B.Edit plugin-cfg.xml absolute file paths to reflect the web server?? local filesystem.

C.Generate the keyring and stashfile if using SSL between the plug-in and application servers.

D.Update the domain suffix for each virtual host in plugin-cfg.xml.

Correct Answers: B C

8: During a stress test on an application, it was found that there was a large number of prepared statement discards associated with one Datasource. All other metrics were within expected range. The BEST way to increase performance of this application is to make what change to the Datasource properties?

A.Increase the statement cache size.

B.Increase the minimum connections.

C.Increase the maximum connections.

D.Change the purge policy to ?¡ãEntire Pool?¡À.

Correct Answers: A

9: An application server is closing HTTP connections prematurely. Assuming that MaxKepAliveConnections is already set at 90% of the maximum number of threads in the Web container thread pool, what Web container setting should be modified to improve this situation?

A.Set the MaxKeepAliveRequests property to a sufficient value.

B.Set the MaxKeepAliveConnections property to a sufficient value.

C.Increase the Web container thread pool maximum size.

D.Increase the ORB service thread pool maximum size.

Correct Answers: A

10: What would be the practical considerations for creating multiple smaller application servers each running one different web application rather than a single large application server for an application architecture?

A.The aggregated plug-in config file will contain less complex URIs.

B.Multiple smaller servers provide better application isolation.

C.There will be a decrease in response time due to interprocess RMI/IIOP calls.

D.Multiple smaller servers eliminate single points of failure.

Correct Answers: B

11: In which topologies would an administrator configure the use of LTPA (Lightweight Third Party Authentication) with the Local OS user registry?

A.Single node configured with multiple application servers.

B.A configuration in which multiple authentication mechanisms are used for a security domain.

C.Distributed environment which shares a domain user registry.

D.Multiple nodes configured with multiple clusters.

Correct Answers: A C

12: In a typical Web application request/response information flow, which WebSphere Application Server V5.0 component can initially encrypt the request?

A.Web container??s embedded HTTP server

B.Web server plug-in

C.EJS Server

D.Web browser

E.Application server

Correct Answers: B

13: When federating a node into a cell how would an administrator add an application installed on that node into the cell?

A.Use the addNode utility without the ¡§CincludeApps option and install the application on the node.

B.Use the addNode utility without the ¡§CsyncNode option and copy the application binaries to the node.

C.Use the addNode utility with the ¡§CincludeApps options and configure the synchronization options on Admin Console.

D.Use the addNode utility with the ¡§CsyncNode option and copy the application binaries to the node.

Correct Answers: C

14: What is affected in a topology which splits the Web and EJB containers so that they run in separate application servers, each in a different machine?

A.The elimination of network latency due to JVM optimizations

B.The elimination of a single point of failure

C.Performance improvement due to greater number of inter-process calls

D.Increased maintenance costs due to additional machines

Correct Answers:

15: In a Network Deployment environment, what are the consequences of a node agent failure?

A.Application server cannot be started, using the admin console, until the node agent is restarted.

B.The local configuration may not broadcast changes to the mater configuration.

C.The deployment manager??s file transfer service is made unavailable to all node agents in the cell.

D.The administrative console is made unavailable.

E.The local configuration may not reflect the master configuration.

Correct Answers: A E

16: What should be considered when comparing the horizontal scaling of an application server (clustering) versus creating multiple stand-alone (Base) servers on multiple machines?

A.File synchronization will occur in the clustered environment.

B.Multiple stand-alone servers on multiple machines provide failover support.

C.The HTTP server plug-in distributes requests in multiple stand-alone server environments.

D.The HTTP server plug-in distributes requests in a clustered environment.

E.Multiple stand-alone servers on multiple machines can be easily combined into the horizontally scaled environment.

Correct Answers: A D

17: Where can an administrator locate configuration data for a standalone WebSphere Application Server V5.0 installation?

A.Administrative Repository on the database server

B.Master configuration repository on the cell configuration repository on the deployment manager

C.Configuration repository on the local machine

D.Cloudscape database on the local machine

Correct Answers: C

18: Which of the following is a reason why a configured binding would be necessary?

A.Allow federation of CORBA name spaces to the node??s name space

B.Bind DataStore JNDI names explicitly at the node name server level

C.Configure an alias for a JNDI name in the system??s partition of the name space

D.Provide interoperability with IBM WebSphere Application Server V4 clients

Correct Answers: D

19: An administrator has created a Version 5 data source, and has selected the option to use this data source in container managed persistence. Which of the following CANNOT use this data source?

A.JDBC applications and servlet 2.3 components

B.CMP EJB 1.x beans with a J2EE 1.3 deployment descriptor

C.CMP EJB 1. x beans with a J2EE 1.2 deployment descriptor

D.CMP EJB 2.0 beans

E.BMP EJB 2.0 Beans

Correct Answers: C

20: If a CMP bean uses a J2C resource adapter to access a backend data store, which of the following should be configured?

A.CMP Connection Factory

B.Database connection pool

C.CMP Resource Environment Provider

D.User-defined JDBC Provider

Correct Answers: A