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Admn**

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1. A cluster member has suddenly crashed. The administrator is concerned about aborted transactions holding locks in the database. What can an administrator do to release the locks?

- A. Unmount the shared file system such as a Network Attached Storage (NAS) where the transaction log is stored
- B. Restart the deployment manager and node agents who manage the transaction log
- C. Verify another running cluster member has access to the transaction log
- D. Reconnect the database where the transaction log is stored

**Answer: C**

2. What functionality does the Caching Proxy server provide?

- A. Reverse proxy and content-based routing
- B. Dynamic content caching and integration with servlet caching
- C. File serving enabler
- D. HTTP compression
- E. Integration with Dynacache and third party object caches

**Answer: AB**

3. What is needed to load balance the HTTP traffic across a cluster of Web servers?

- A. Configure a proxy server such as Tivoli Access Manager (TAM)
- B. Enable server affinity for each HTTP server in the cluster
- C. Implement the caching proxy server component of the WebSphere Edge
- D. Use an IP sprayer from the load balancing component of the WebSphere Edge Components

**Answer: D**

4. What does a WebSphere application server provide to support the installation and deployment of JSR 168 compliant portlets?

- A. An embedded portlet container
- B. A scaled-down version of the WebSphere Portal Server
- C. Several J2EE applications that render and aggregate portlets in a browser
- D. An embedded version of WebSphere Portal Express

**Answer: A**

5. Which two components provide workload management capabilities?

- A. Node agent
- B. Web server plug-in
- C. Caching proxy
- D. Deployment manager
- E. Load balancer

**Answer: BE**

6. Which services are implemented by the WebSphere application server?

- A. Security, JMS messaging, Naming and HTTP Plug-in
- B. The user registry, Naming and HTTP Plug-in
- C. HTTP Load Balancing service, JMS messaging and Data Replication Service (DRS)
- D. Security, Naming, Transaction and Dynamic Cache

**Answer: D**

7. Session Initiation Protocol (SIP) servlets are packaged in which type of archive file?

- A. SAR
- B. WAR
- C. JAR
- D. EJB-JAR
- E. SIP-JAR

**Answer: A**

8. In a WebSphere cell configuration, which component is a single point of failure?

- A. Deployment manager
- B. Web container
- C. EJB container
- D. HTTP server

**Answer: A**

9. Which approach should be recommended when designing a production topology for WebSphere application servers providing high availability and failover capabilities?

- A. Create a design using multiple machines that handle the full production load, enabling the use of application server clustering to provide failover capabilities
- B. Utilize load balancers between the Web servers and the application servers to provide failover support at the application server tier
- C. Place the Authentication servers outside of the intrusion firewall with the Web servers, since the Web servers will need to access them
- D. Use the largest processor engines and least number of physical machines for the application server tier, to minimize the software licensing costs

**Answer: A**

10. If an administrator configures session management for an application server to use SSL ID tracking, which two other session tracking mechanisms should also be enabled?

- A. Cookies
- B. URL Rewriting
- C. Security Integration

- D. Serial Access
- E. Java2 Security

**Answer: AB**

11. An application server is using data source connections being managed thru connection pooling. However, the server is logging database errors resulting from lack of connections. In this context, what applies to tuning database connections?

- A. Data sources are abstracted from the JDBC drivers to permit database upgrades without impacting the application logic. The administrator should decrease the connection timeout value.
- B. The connection pool is managed by the application server container, so in addition to increasing the connection setting, additional connections allowed must be configured on the database.
- C. The data sources are released at the end of the commit phase when using Type 4 JDBC drivers. New connections will be created upon the next database access.
- D. It is necessary to tune the applications before tuning WebSphere application server. Connections not returned to the pool are often caused by programs not closing connections properly.

**Answer: D**

12. Which set of parameters can a system administrator adjust to directly improve performance for the EJB container?

- A. Transaction lifetime and client inactivity timeout
- B. Cache size and cache cleanup interval
- C. Data source connection pool and server JVM size
- D. Session timeout and HTTP session object size

**Answer: B**

13. When altering the level of logging information, which level provides more detailed logging information than the default (info) level?

- A. Fatal
- B. Warning
- C. Severe
- D. Config

**Answer: D**

14. A J2EE application needs to be configured as follows:

The EJB module and the utility JAR in the application must be loaded by the same Class loader. Web module WAR1 and the EJB module must use the same Class loader and Web module WAR2 must have its own Class loader.

What is the correct Web module Class loader configuration for this application?

- A. WAR1 - Module, WAR2 - Module

- B. WAR1 - Module, WAR2 - Application
- C. WAR1 - Application, WAR2 - Application
- D. WAR1 - Application, WAR2 - Module

**Answer: D**

15. Which Web module parameter adjustments would result in improved response time for Web clients?

- A. Disable load on startup
- B. Enable pre-compile JSP option
- C. Set the distributable flag
- D. Set the reload interval to 20 seconds or less

**Answer: B**

16. Which Web server plug-in setting is NOT configurable using the administrative console?

- A. Load balancing option
- B. Retry interval
- C. Refresh configuration interval
- D. Minimum number of connections

**Answer: D**

17. An application has 15 concurrent users and a connection pool size of 10. Each user uses 3 prepared statements. For this application, what is the recommended prepared statement cache size?

- A. 10
- B. 15
- C. 30
- D. 45

**Answer: C**

18. What is the correct syntax when running the backup configuration of administrative server files when WebSphere Security is enabled?

- A. backupConfig WebSphereConfig user <name> -password <password>
- B. backupConfig WebSphereConfig backup.zip nohalt user <name> -password <password>
- C. backupConfig WebSphereConfig -cell user <name> -password <password>
- D. backupConfig WebSphereConfig profilename=AppSrv01 user <name> -password <password>

**Answer: A**

19. When the application server is experiencing normal to heavy usage, which statement most accurately describes optimal pool usage?

- A. The pools will all show similar numerical values, indicating balanced workload is occurring throughout the application server.
- B. Pools used by the application should be released and rebuilt in conjunction with JVM garbage collection

cycles ensuring that no stale connections persist.

C. The Performance Management Interface (PMI) must be explicitly enabled on the application server to be monitored, since it requires CPU resources on the server being monitored.

D. Pools used by the application should be nearly fully utilized, indicating that resources are being efficiently used.

**Answer: D**

20. When configuring a J2C connection factory, which setting can be configured using the administrative console?

A. Container-managed authentication alias

B. Component-managed authentication alias

C. Authentication preference

D. Mapping configuration alias

**Answer: B**

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