

## 1Z0-468<sup>Q&As</sup>

Oracle Cloud Application Foundation Essentials

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**QUESTION 1**

A company has a billing and ordering application accessed by ten million subscribers. Some subscribers rarely log in, and others log in almost every day. The company's goal is to provide the quickest possible response to web requests. Accesses make repeated reads and occasional writes to user sessions, each of which is 4 KB. Which architecture meets these needs?

- A. a replicated cache, so that applications can always access data locally
- B. there is too much data for Coherence to be effective in this scenario
- C. a distributed cache with sticky sessions and near caching
- D. a small replicated cache for frequent users and database read-through

Correct Answer: C

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**QUESTION 2**

What is the main method used to collect the monitoring data of a Coherence cluster, its nodes, and caches?

- A. Enterprise Manager agent on every host, querying JMX data from nodes running on that host
- B. one central Enterprise Manager agent, querying JMX data from each node in the cluster
- C. JVMD agent collecting data through sampling of the JVM for each node
- D. Enterprise Manager agent on every host, querying JMX data from nodes running on the host, and a central Enterprise Manager agent querying JMX data from a management node for cluster-level
- E. one central Enterprise Manager agent querying JMX data from a single management node

Correct Answer: D

[http://docs.oracle.com/cd/E29505\\_01/install.1111/e24215/coherence\\_getstarted.htm](http://docs.oracle.com/cd/E29505_01/install.1111/e24215/coherence_getstarted.htm)

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**QUESTION 3**

Which three areas are automatically optimized by the Oracle JDK ergonomics? (Choose three.)

- A. Garbage Collector
- B. Debugging options
- C. Heap size
- D. Class loader
- E. Runtime compiler

Correct Answer: ACE

**QUESTION 4**

What are the three business drivers for cloud computing? (Choose three.)

- A. better resource utilization
- B. enterprise agility
- C. higher customer support quality
- D. ease of administration
- E. elastic scalability

Correct Answer: ADE

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**QUESTION 5**

After going through a sizing exercise, you determine that your application will need 100 storage-enabled JVMs with 4 GB heaps. You have 10 physical machines with 16 cores and 32 GB of RAM.

Which performance-tuning best practice would be violated by deploying your application on these machines?

- A. Heap sizes should not be larger than 512 MB.
- B. OS socket buffers should be at least 2 MB.
- C. Avoid OS memory swapping/paging by not exhausting physical RAM.
- D. Do not exceed one JVM per core.

Correct Answer: B

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**QUESTION 6**

A Coherence node dies and is removed from a cluster.

What two actions occur if that node was part of a distributed cache where `backup_count = 1`? (Choose two.)

- A. Access is blocked to all operations while the cluster is rebalanced.
- B. Data is re-partitioned so that all data is accessible again.
- C. Partitions are moved so that the data is balanced among remaining nodes.
- D. Backup partitions are promoted to be primary, and new backups are created.

Correct Answer: AC

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**QUESTION 7**

When integrating a CacheStore with a database, which technique is correct for managing database connections?

- A. Use a connection pool provided by an application server, the JDBC driver, or a third party.
- B. Create a new connection every time a CacheStore method is invoked.
- C. Create a new connection in the CacheStore constructor and store a to it that can be accessed by the CacheStore methods.
- D. Configure Coherence to use its built-in capabilities to manage connections.

Correct Answer: A

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**QUESTION 8**

Which component is optimized for the JRockit VM?

- A. swing-based desktop applications
- B. browser-based applets
- C. embedded devices
- D. server-side applications
- E. mobile phones

Correct Answer: D

The Oracle JRockit JDK includes the Oracle JRockit Java Virtual Machine (JVM), which is developed uniquely for server-side applications and optimized for Intel architectures, ensuring reliability, scalability, and manageability for Java applications.

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**QUESTION 9**

Which two actions can be used to create/add an index in Coherence? (Choose two.)

- A. ValueExtractor
- B. Comparator
- C. QueryMap
- D. MapIndex
- E. SimpleMapIndex

Correct Answer: AC

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**QUESTION 10**

What is the primary purpose of the Middleware Diagnostics Advisor (MDA) included in WLS Management Pack EE?

- A. to automate the SQL tuning process by comprehensively exploring all the possible ways of tuning a SQL statement
- B. to facilitate proactive performance and availability management by auto-finding problems and suggesting solutions
- C. to find configuration problems by comparing WLS configuration to a Gold Image configuration
- D. to provide comprehensive advice on how to optimize schema design in order to maximize application performance
- E. to analyze the EM configuration and suggest configuration changes that will extend the stability of EM

Correct Answer: B

Reduce problem resolution time through middleware diagnostics advisor which provides "root cause" findings in context of the most relevant configuration parameters and offers suggestions for each finding.

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**QUESTION 11**

What is the correct order of API calls to perform an end-to-end assembly deployment operation?

- A. UploadAssemblyArchive -> RegisterAssemblyArchive -> CreateAssemblyInstance -> DeployAssemblyInstance -> UndeployAssemblyInstance -> DeleteAssemblyInstance -> UnregisterAssemblyArchive -> DeleteAssemblyArchive
- B. CreateAssemblyInstance -> UploadAssemblyArchive -> RegisterAssemblyArchive -> DeployAssemblyInstance -> UndeployAssemblyInstance -> UnregisterAssemblyArchive -> DeleteAssemblyArchive -> DeleteAssemblyInstance
- C. UploadAssemblyArchive -> RegisterAssemblyArchive -> DeployAssemblyInstance -> UndeployAssemblyInstance -> UnregisterAssemblyArchive -> DeleteAssemblyArchive
- D. RegisterAssemblyArchive -> UploadAssemblyArchive -> DeployAssemblyInstance -> UndeployAssemblyInstance -> DeleteAssemblyArchive -> UnregisterAssemblyArchive

Correct Answer: B

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**QUESTION 12**

Which type of appliance would you use to package custom applications into an appliance?

- A. WebLogic Server appliance
- B. external appliance
- C. generic appliance
- D. database appliance
- E. Oracle Tuxedo appliance

Correct Answer: A

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## QUESTION 13

A customer is witnessing a lot of contention while accessing and updating a cached item.

Which feature alleviates the contention by shortening the time that the object is locked?

- A. Near Cache
- B. Entry Processors
- C. Transaction Framework
- D. off-heap storage

Correct Answer: C

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## QUESTION 14

Which configuration can be used for enabling Coherence as an L2 Cache?

- A. @Entity@CacheInterceptor (CoherenceReadCustomizer.class)public class Employee implements Serializable
- B. @Entity@Customizer(CoherenceReadCustomizer.class)public class Employee implements Serializable
- C. @Entity@Customizer(CoherenceReadWriteCustomizer.class)public class Employee implements Serializable
- D. @Entity@CacheInterceptor (CoherenceInterceptor.class)public class Employee implements Serializable

Correct Answer: D

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## QUESTION 15

Which three packages are available in the JRockit VM? (Choose three.)

- A. java.io.\*
- B. java.util.\*
- C. java.swing.\*
- D. java.sql.\*
- E. java.awt.\*

Correct Answer: ABE