



Oracle

Exam 1z0-468

Oracle Cloud Application Foundation Certified Implementation Specialist

Version: 7.0

[Total Questions: 75]

Question No : 1

Which two components are required as part of any EM deployment? (Choose two.)

- A. Oracle Management Service
- B. Oracle Management Repository
- C. Oracle Ops Center
- D. BI Publisher
- E. Software Library

Answer: A,B

Explanation:

https://docs.oracle.com/cd/B19306_01/em.102/b40103/pre-installation_requirements.htm#CHDEEJEB

Question No : 2

Which two statements are true about minor or young garbage collections? (Choose two.)

- A. Minor garbage collection is triggered when the eden space is full.
- B. Minor garbage collection does not cause a stop the world operation.
- C. Permanent generation is included in minor garbage collection.
- D. Minor garbage collections are usually shorter, with minimal impact on performance.
- E. Minor garbage collection does not occur when using a parallel collector.

Answer: A,B

Question No : 3

Which tool is not shipped with the JRockit JDK?

- A. Mission Control
- B. Flight Recorder
- C. Studio Profiler
- D. Memory Leak Detector

Answer: D

Question No : 4

For operations that act on data that exists on multiple nodes, Coherence can do the processing in parallel, and put together the partial results from each node into a single result before sending it to the client.

Which feature in Coherence can be used to achieve this?

- A. Filters
- B. aggregators
- C. Indexes
- D. Entry Processors

Answer: B

Question No : 5

Identify three situations where Coherence is used (Choose three.)

- A. to scale the amount of data accessed on the application or middleware tier
- B. to offload shared services or databases on repeated reads
- C. to accelerate complex RDBMS joins by storing data in memory
- D. to reduce database load by batching and coalescing writes
- E. to perform map-reduce aggregations of unstructured data

Answer: B,D,E

Question No : 6

You plan to deploy your Coherence application to a new production environment. You want to ensure that the new environment supports multicast, and that all of the machines are connected to the same physical switch for optimal performance.

What two tools will help confirm that the new environment satisfies both criteria? (Choose

two.)

- A. Coherence MulticastTest
- B. Coherence DatagramTest
- C. Coherence Console
- D. Coherence CohQL Command-Line

Answer: A,D

Explanation:

<http://www.oracle.com/technetwork/middleware/coherence/learnmore/oracle-coherence-12c-deployment-3049521.pdf>

Question No : 7

In which three scenarios would you use JRockit Mission Control? (Choose three.)

- A. finding hot methods
- B. static mode analysis
- C. tracking latencies
- D. heap analysis
- E. debugging with breakpoints

Answer: A,C,D

Question No : 8

Which two mechanisms are explicitly monitored to determine death of a cluster member? (Choose two.)

- A. garbage collection
- B. stuck threads
- C. heartbeats
- D. TCP socket connections

Answer: C,D

Explanation:

Explanation

Death detection works by creating a ring of TCP connections between all cluster members. TCP communication is sent on the same port that is used for cluster UDP communication. Each cluster member issues a unicast heartbeat, and the most senior cluster member issues the cluster heartbeat, which is a broadcast message. Each cluster member uses the TCP connection to detect the death of another node within the heartbeat interval. Death detection is enabled by default and is configured within the <tcp-ring-listener> element.

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Question No : 9

Which system property is used to customize a Coherence deployment configuration for different environments?

- A. tangosol.coherence.cacheconfig
- B. tangosol.coherence.site
- C. tangosol.coherence.management
- D. tangosol.coherence.override

Answer: A

Question No : 10

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

Answer: C

Question No : 11

What two sources can be used to provision a WLS domain? (Choose two.)

- A. WebLogic Home Gold Image
- B. TAR file on network desktop
- C. TAR file on local desktop
- D. WebLogic Domain Provisioning Profile
- E. Middleware Home Gold Image

Answer: C,E

Question No : 12

Which Java command would list all the running Java applications on a system?

- A. jpsm -m
- B. jlist -m
- C. jproc -m
- D. jplist -m
- E. jps -m

Answer: E

Question No : 13

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

Answer: D

Explanation:

http://docs.oracle.com/cd/E29505_01/install.1111/e24215/coherence_getstarted.htm

Question No : 14

An application frequently requests data (from a Coherence cache configured with a cache loader) that may not be available in the underlying data source. The cost of looking up data via the cache loader is expensive in terms of time and resources.

To reduce these costs, which configuration should be used to cache the notion that an entry is not available?

- A. Modify the application to maintain a “misses” cache to keep track of the entries that were expected to be found in the other cache, but were recently not found.
- B. Configure a “cache-miss-scheme” on the appropriate cache.
- C. Modify the cache loader to maintain a “map” of entries not found, and consult this map before attempting to load an entry from the external source.
- D. This can't be achieved with Coherence.

Answer: A

Question No : 15

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.

Answer: B

Question No : 16

What three operations can an EM_PROVISIONONG_DESIGNER perform that an EM_PROVISIONONG_OPERATOR cannot? (Choose three.)

- A. Create profiles, components, and directives in the Software Library.
- B. Access provisioning profiles in the Software Library.
- C. Customize the default deployment procedure.
- D. Create deployment procedure templates.
- E. There is no difference in the type of operations that these two users can perform.

Answer: A,C,D

Question No : 17

Which statement about JRockit Discovery Protocol (JDP) is true?

- A. JDP enables network auto discovery of JVMs.
- B. JDP is a subset of HTTP.
- C. JDP can be used by application to exchange serialized data between JVMs.
- D. JDP was initially introduced in the HotSpot VM 1.5.

Answer: A

Question No : 18

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.