

Exam Questions 1z0-468

Oracle Cloud Application Foundation Essentials

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NEW QUESTION 1

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

Answer: A

NEW QUESTION 2

Consider the following code:

```
NamedCache namedCache = CacheFactory.getCache ("stock");
Stock stock = (Stock) namedCache.get ("budgies");
stock.increment (1);
namedCache.put ("budgies", stock);
```

If the initial stock amount was 15, and 5 different clients (in different JVMs) attempted to execute the same code simultaneously, what would be the resulting level of stock?

- A. 20, because Coherence does implicit locking
- B. 15, because a concurrency control exception will be thrown
- C. 16, because of the lack of concurrency control
- D. undefined, because of the lack of concurrency control

Answer: C

NEW QUESTION 3

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: CD

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.

s:

NEW QUESTION 4

An Oracle RAC Database appliance was initially deployed with two database instances. The load on the database has now increased and another instance needs to be provisioned.

How would you add one more instance of the earlier deployed appliance?

- A. Create and deploy a new assembly containing a single instance database appliance.
- B. Add a new single instance database appliance into the previously created assembly and redeploy it.
- C. Use the ScaleAppliance operation to scale up the deployed appliance instances from two to three.
- D. Use the createAssemblyInstance operation to create a new instance of the existing assembly and deploy the new assembly instance.

Answer: D

NEW QUESTION 5

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: AB

NEW QUESTION 6

Which change cannot be made in an assembly at deployment time?

- A. setting the appliance's memory and CPU requirements

- B. changing the listening port of the product
- C. not deploying an appliance by setting its target count to zero
- D. not deploying an appliance by removing it from the assembly

Answer: A

NEW QUESTION 7

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: AB

Explanation:

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

NEW QUESTION 8

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

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

Answer: E

NEW QUESTION 9

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

NEW QUESTION 10

Which two JVM components can be configured to impact application performance? (Choose two.)

- A. Heap
- B. Local variables stack
- C. Class loader
- D. Bytecode interpreter
- E. Garbage Collector

Answer: CE

NEW QUESTION 10

With which three tasks can JRockit Diagnostic Commands (JRCMD) be used? (Choose three.)

- A. load testing
- B. heap analysis
- C. native memory tracking
- D. controlling JRockit Flight Recorder
- E. debugging with breakpoints

Answer: BCD

Explanation:

<https://sourcevirtues.com/2012/06/21/jrockit-jrcmd-useful-commands/>

NEW QUESTION 13

How would you create an SLA based on the “JVM Runtime Up” metric for a specific WLS server?

- A. Deploy JVM Diagnostics and set a threshold on the JVMD agent up time.
- B. Create a Service target that uses the WLS Domain as its system, and the JVM Runtime as its performance metric.
- C. Configure SLA by using that metric.
- D. Define a threshold on the metric on the All Metrics page, and define a rule to create an Event for that incident.

- E. Define an SLA on the count of Incidents.
- F. You cannot create an SLA on JVM-related metrics.

Answer: C

NEW QUESTION 17

A company relies on third-party web services for data.

Which two Coherence features can be applied to shield its customers from anticipated spikes in demand of the web services, without suffering potential performance degradation? (Choose two.)

- A. dynamically increasing the partition count on a running server
- B. configuring an overflow scheme so that spikes are handled gracefully
- C. caching the results of the web service call with a configured expiration
- D. dynamically adding Coherence cache servers to the cluster

Answer: BD

NEW QUESTION 22

You have developed and tested your Coherence application on a single physical machine by using the following operational configuration:

```
<coherence>
  <cluster-config>
    <unicast-listener>
      <well-known-addresses>
        <socket-address id="1">
          <address></ address>
          <port>8088</port>
        </socket-address>
      </well-known-addresses>

      <address>127.0.0.1</address>
      <port>8088</port>
    </unicast-listener>

    <multicast-listener>
      <address>237.0.0.1</address>
      <port>22000</port>
      <time-to-live>0</time-to-live>
    </multicast-listener>
  </cluster-config>

  <logging-config>
    <severity-level>9</severity-level>
  </logging-config>
</coherence>
```

What two configuration changes must be made to run your application on multiple physical machines using multicast? (Choose two.)

- A. Lower the logging severity level to 3.
- B. Change the unicast listener address to a non-loopback address.
- C. Increase the multicast listener time-to-live value.
- D. Specify a list of well-known addresses.

Answer: BD

Explanation:

https://docs.oracle.com/middleware/1212/coherence/COHAG/deploy_checklist.htm#COHA_G5301

NEW QUESTION 26

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

Answer: ADE

NEW QUESTION 29

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

NEW QUESTION 34

You notice the following message in one of your cache server logs:

```
2012-08-15 07:44:09.015/3249.479 Oracle Coherence GE 3.6.1.0
<D5> (thread=Cluster, member=74): MemberLeft notification for
Member (Id=102, Timestamp=2012-08-15 07:43:20.395, Ad-
dress=10.84.101.77:8088, MachineId=15181, Location=machine:
coh09, process:20191, Role=CoherenceServer received from Member
(Id=1, Timestamp=2012-08-15 02:27:53.322, Ad-
dress=10.104.43.204:8088, MachineId=53671,
Location=machine: coh01, process:1746, Role=CoherenceServer)
```

Which statement correctly explains this message?

- A. Member 102 received a MemberLeft message from the senior member (member 1) that member 74 has left the cluster.
- B. Member 1 received a MemberLeft message from the senior member (member 74) that member 102 has left the cluster.
- C. Member 1 received a MemberLeft message from the senior member (member 102) that member 74 has left the cluster.
- D. Member 74 received a MemberLeft message from the senior member (member 1) that member 102 has left the cluster.

Answer: A

NEW QUESTION 36

What agent is used to collect the WLS server metrics that are available on the WLS All Metrics page?

- A. ADP Agent
- B. JVM Diagnostics Agent
- C. BTM Agent
- D. EM Agent
- E. JVMD Agent

Answer: B

NEW QUESTION 41

What three components of WLS can be managed by the WLS Management Pack EE?

- A. Applications Deployments
- B. SOA Composites
- C. WLS Domains
- D. WLS Managed Servers
- E. Oracle ESB

Answer: ABC

NEW QUESTION 42

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