

Vendor: HP

Exam Code: HP0-914

**Exam Name:** HP-UX High Availability

Version: DEMO

### **QUESTION 1**

Which statements are true regarding High Availability (HA)? (Select three.)

- A. HA can be implemented just by purchasing expensive hardware.
- B. HA is a technical high-performance environment that does not consider business needs.
- C. Downtime is any amount of time when the application is unavailable (planned or unplanned).
- D. HA systems provide a disaster recovery solution to recover from the loss of an entire data center.
- E. HA is a combination of environmental, process, software and computing hardware enhancements that are made to maximize the time that the application and system are available.
- F. Highly available systems typically contain data redundancy through mirroring or RAID, some kind of backup system hardware, a UPS for power outage protection, and multiple LANs.

Answer: CEF

#### **QUESTION 2**

In the context of high availability, what is the effect of split-brain syndrome?

- A. different partitions accessing the same disks without knowledge of each other
- B. two sub-clusters initiated from a single cluster without knowledge of each other
- C. different applications accessing the same disk without knowledge of each other
- D. two clusters initiating an application that accesses the same disk simultaneously

Answer: B

#### **QUESTION 3**

In a Serviceguard CFS cluster, which statement is true in regards to disk I/O?

- A. Only the CFS primary can update the mirrored data.
- B. All CFS secondaries can write user data directly to disk.
- C. Only the CFS primary can write user data directly to disk.
- D. All CFS secondaries read data via the cluster interconnect.

Answer: B

# **QUESTION 4**

What is the main feature of OLAR?

- A. the ability to replace a cell board on an HP-UX system that supports OLAR
- B. the ability to repair a PCI I/O card on an HP-UX system that supports OLAR
- C. the ability to online replace a PCI I/O card on an HP-UX system that supports OLAR
- D. the ability to online replace an HP-UX system that supports OLAR while it is configured in a Serviceguard cluster

Answer: C

## **QUESTION 5**

In the context of high availability, which phrase describes Mean Time Between Failure (MTBF)?

A. the amount of time to restart a failed service

- B. the amount of time to restart a service after a failure
- C. the amount of time a system can provide service without failure
- D. the amount of time between stopping and starting a service after a failure

Answer: C

#### **QUESTION 6**

When a Serviceguard package fails over in a highly available vPar environment, WLM integrates with Serviceguard and disaster tolerant solutions by doing which process?

- A. WLM can move processors from one virtual partition to another.
- B. cmcld can move processors from one virtual partition to another.
- C. WLM creates a new vPar to assume the load of the failed partition.
- D. cmcld creates a new vPar to assume the load of the failed partition.
- E. WLM can move a Serviceguard package from one virtual partition to another.

Answer: A

#### **QUESTION 7**

Which statements are correct regarding a Serviceguard cluster with SGeRAC and Oracle RAC? (Select two.)

- A. If CFS is used then RAW devices are not allowed.
- B. Each Oracle instance must have its own unique database.
- C. The shared disk devices can be a SLVM RAW device or a CFS.
- D. SGeRAC cannot be configured together with Cluster File System (CFS).
- E. You can have more than one Oracle instance accessing the same database at the same time.

Answer: CE

#### **QUESTION 8**

What are the advantages of RAC cluster? (Select three.)

- A. user scalability
- B. hardware scalability
- C. application scalability
- D. larger database size
- E. better database security
- F. operating system scalability
- G. shorter package failover time

Answer: BCF

#### **QUESTION 9**

What is the purpose of the node interconnect in a Serviceguard cluster with Oracle RAC implementation?

A. Nodes coordinate their online/offline status.

- B. Nodes coordinate the status of their hardware.
- C. Nodes coordinate the consistency of their Serviceguard cluster membership.
- D. Nodes coordinate the consistency of their individual memory resident database buffer pools.

Answer: D

#### **QUESTION 10**

A cost sensitive customer wants to utilize Oracle Disk Manager (ODM) for an Oracle single instance database within a Serviceguard cluster. Which HP Serviceguard Storage Management Suite bundles should you recommend?

- A. Bundle 1: HP Serviceguard Storage Management
- B. Bundle 2: HP Serviceguard Storage Management Premium
- C. Bundle 3: HP Serviceguard Storage Management for Oracle
- D. Bundle 4: HP Serviceguard Storage Management for Oracle Premium
- E. Bundle 5: HP Serviceguard Cluster File System
- F. Bundle 6: HP Serviceguard Cluster File System for Oracle
- G. Bundle 7: HP Serviceguard Cluster File System for RAC

Answer: C

#### **QUESTION 11**

Serviceguard allows a choice of volume managers for data storage. Which volume managers are supported by Serviceguard. (Select three.)

- A. JFS (Journal File System)
- B. CFS (Cluster File System)
- C. LVM (Logical Volume Manager)
- D. SVM (Shared Volume Manager)
- E. CVM (Cluster Volume Manager)
- F. VxVM (Veritas Volume Manager)

**Answer: CEF** 

#### **QUESTION 12**

In a two node cluster, two identical servers (same CPU, memory, and I/O card configurations) are designed to host the application and database servers of a 3-tier application. Under normal operations the database is hosted on server A and the application server is hosted on server B; server A will load at 50% of capacity and server B will load at 75% of capacity. What is likely to occur in the event of a single server failure, after both applications have migrated to the surviving node?

- A. Both applications run in degraded mode.
- B. The application server runs in degraded mode.
- C. Nothing; both applications will perform as usual.
- D. The database application runs in degraded mode.

Answer: A

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