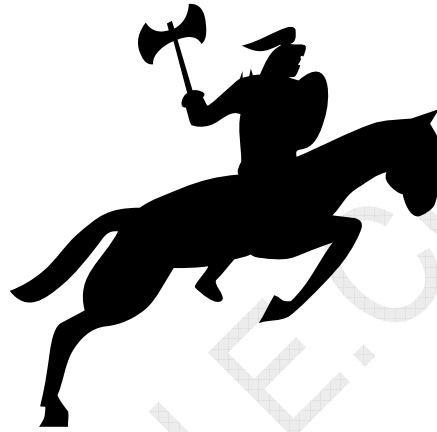


# *Easy CramBible Lab*



**HP0-P19**

**HP-UX High Availability Using Serviceguard v18**

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**THE TOTAL NUMBER OF QUESTIONS IS 60**

**QUESTION NO: 1 In a Serviceguard implementation for concurrent instances of an Oracle RAC Database, which type of shared storage management can be used on all nodes in the cluster? (Select three.)**

- A. Cluster File System (CFS)
- B. Veritas Volume Manager (VxVM)
- C. Network Attached Storage (NAS)
- D. Shared Logical Volume Manager (SLVM)
- E. Standard Logical Volume Manager (LVM)
- F. Enterprise Logical Volume Manager (ELVM)
- G. Oracle Automatic Storage Management (ASM)

**Answer: A, D, G**

**QUESTION NO: 2 Click the Exhibit button.  
Which actions can be done without interruption to pkg1? (Select two.)**

```

CLUSTER
TCR-SG-CFS      up

  NODE          STATUS      STATE
  haatc01      up          running

Cluster_Lock_LVM:
VOLUME_GROUP   PHYSICAL_VOLUME   STATUS
/dev/vg01      /dev/dsk/c4t1d0   up

Network_Parameters:
INTERFACE      STATUS      PATH          NAME
PRIMARY       up          0/4/1/0/4/0   lan3
PRIMARY       up          0/3/1/0       lan2
STANDBY       up          0/0/3/0       lan0
STANDBY       up          0/4/1/0/6/0   lan5
STANDBY       up          0/4/1/0/7/0   lan6

PACKAGE        STATUS      STATE          AUTO_RUN      NODE
pkg1           up          running        enabled        haatc01

Policy_Parameters:
POLICY_NAME    CONFIGURED_VALUE
Failover       configured_node
Failback       manual

Script_Parameters:
ITEM           STATUS      MAX_RESTARTS  RESTARTS      NAME
Service       up          15            0              pkg1-clock-monitor
Service       up          8             0              pkg1-load-monitor
Service       up          Unlimited     0              CFS-primary-monitor

Node_Switching_Parameters:
NODE_TYPE      STATUS      SWITCHING      NAME
Primary        up          enabled        haatc01 (current)
Alternate      up          enabled        haatc02

Dependency_Parameters:
DEPENDENCY_NAME  NODE_NAME    SATISFIED
SG-CFS-MP-2     haatc01     yes
SG-CFS-MP-2     haatc02     yes

  NODE          STATUS      STATE
  haatc02      up          running

Cluster_Lock_LVM:
VOLUME_GROUP   PHYSICAL_VOLUME   STATUS
/dev/vg01      /dev/dsk/c4t1d0   up

Network_Parameters:
INTERFACE      STATUS      PATH          NAME
PRIMARY       up          0/1/2/0       lan1
PRIMARY       up          0/0/3/0       lan0

MULTI_NODE_PACKAGES

PACKAGE        STATUS      STATE          AUTO_RUN      SYSTEM
SG-CFS-pkg     up          running        enabled        yes

  NODE_NAME      STATUS      SWITCHING
  haatc01        up          enabled

```

```

Script_Parameters:
ITEM      STATUS  MAX_RESTARTS  RESTARTS  NAME
Service   up      0              0          SG-CFS-vxconfigd
Service   up      5              0          SG-CFS-egcvmd
Service   up      5              0          SG-CFS-vxfscsd
Service   up      0              0          SG-CFS-cmvxd
Service   up      0              0          SG-CFS-cmvxpingd

NODE_NAME  STATUS  SWITCHING
haatc02    up      enabled

Script_Parameters:
ITEM      STATUS  MAX_RESTARTS  RESTARTS  NAME
Service   up      0              0          SG-CFS-vxconfigd
Service   up      5              0          SG-CFS-egcvmd
Service   up      5              0          SG-CFS-vxfscsd
Service   up      0              0          SG-CFS-cmvxd
Service   up      0              0          SG-CFS-cmvxpingd

PACKAGE    STATUS  STATE  AUTO_RUN  SYSTEM
SG-CFS-DG-1  up      running  enabled  no

NODE_NAME  STATUS  STATE  SWITCHING
haatc01    up      running  enabled

Dependency_Parameters:
DEPENDENCY_NAME  SATISFIED
SG-CFS-pkg       yes

NODE_NAME  STATUS  STATE  SWITCHING
haatc02    up      running  enabled

Dependency_Parameters:
DEPENDENCY_NAME  SATISFIED
SG-CFS-pkg       yes

PACKAGE    STATUS  STATE  AUTO_RUN  SYSTEM
SG-CFS-MF-1  up      running  enabled  no

NODE_NAME  STATUS  STATE  SWITCHING
haatc01    up      running  enabled

Dependency_Parameters:
DEPENDENCY_NAME  SATISFIED
SG-CFS-DG-1     yes

NODE_NAME  STATUS  STATE  SWITCHING
haatc02    up      running  enabled

Dependency_Parameters:
DEPENDENCY_NAME  SATISFIED
SG-CFS-DG-1     yes

PACKAGE    STATUS  STATE  AUTO_RUN  SYSTEM
SG-CFS-DG-2  up      running  enabled  no

NODE_NAME  STATUS  STATE  SWITCHING
haatc01    up      running  enabled

Dependency_Parameters:
DEPENDENCY_NAME  SATISFIED
SG-CFS-pkg       yes

```



```

PACKAGE      STATUS      STATE      AUTO_RUN    SYSTEM
SG-CFS-MP-2  up          running    enabled     no

  NODE_NAME   STATUS      STATE      SWITCHING
  haatc01    up          running    enabled

  Dependency_Parameters:
  DEPENDENCY_NAME  SATISFIED
  SG-CFS-DG-2      yes

  NODE_NAME   STATUS      STATE      SWITCHING
  haatc02    up          running    enabled

  Dependency_Parameters:
  DEPENDENCY_NAME  SATISFIED
  SG-CFS-DG-2      yes

UNOWNED_PACKAGES

PACKAGE      STATUS      STATE      AUTO_RUN    NODE
ws1          down        halted     disabled    unowned

  Policy_Parameters:
  POLICY_NAME    CONFIGURED_VALUE
  Failover       configured_node
  Failback       manual

  Script_Parameters:
  ITEM          STATUS      NODE_NAME   NAME

  Node_Switching_Parameters:
  NODE_TYPE     STATUS      SWITCHING   NAME
  Primary       up          enabled     haatc01

  Dependency_Parameters:
  DEPENDENCY_NAME  NODE_NAME   SATISFIED
  SG-CFS-MP-1      haatc01     yes

```

- A. cmhaltcl -f
- B. cmrunpkg -v ws1
- C. cfsumount /cfspkg1
- D. cmhaltnode haatc01
- E. cmhaltnode haatc02

**Answer: B, E**

**QUESTION NO: 3** You have an application package pkg1 configured that has a dependency on the CFS mount point package SG-CFS-MP-webdata that represents the mountpoint /cfs/web\_data. Currently the package is running on nodeA and the /cfs/web\_data CFS is only mounted on nodeA. Which command sequences can be executed on nodeA to move pkg1 to nodeB. (Select two.)

- A. cmhaltpkg pkg1; cmrunpkg pkg1