C4040-109^{Q&As}

Virtualization Technical Support for AIX and Linux - v2

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QUESTION 1

A P0WER7 system has been recently installed and 4 uncapped shared processor LPARs have been defined.

```
Name - CPU - Min/Des/Max
PROD1      1    2    4
PROD2      1    2    4
DEV1      0.5   1    2
DEV2      0.5   1    2
```

The use of Multiple Shared Processor Pools has been decided upon for licensing and performance reasons.

```
The pools are as follows:

Name           Max proc. units/reserved
Production          5            1
Development         3            1
```

When adding PROD1 to the Production pool via the command line, the following error is given "This operation is not allowed because the partition is using dedicated processors"

A. P0WER6 mode is enabled

B. LPAR has not been powered on

C. LPAR has been powered on

D. The Pool has insufficient processor units

Correct Answer: B

QUESTION 2

A client is designing a system to support three 24x7 applications, each in a different environment. The plan is to host these applications on a new POWER7 based server to add to their existing POWER6 servers. Virtual I/O Server will not be used.

The applications have the following OS and processor requirements:

AIX 6.1 with a peak of 2 cores between 10am-2pm

AIX 5.3 with a peak of 2 cores between 5pm-10pm

AIX 5.2 with a peak of 2 cores between 3am-7am

Outside the peak periods, the processor utilization is extremely low.

Which of the following configurations supports the design requirements?

A. Each applications each needs its own LPAR running native AIX. The LPAR must be running the appropriate version

of AIX. The LPARs can all use the shared pool and be uncapped.

B. The AIX 5.2 can be hosted in a WPAR in an AIX 7.1 LPAR. The AIX 5.3 and AIX 6.1 can each have their own LPAR. All LPARs can use the shared processor pool.

C. A minimum of four processor activations is required. Two dedicated processors for an AIX 5.2 LPAR. AIX 5.3 and AIX 6.1 can share 2 processors

D. The LPAR profiles can set the processor mode to POWER6 The AIX 6.1 and AIX 5.3 LPARs can be migrated using Live Partition Mobility. The AIX 5.2 could only be migrated if it is in a WPAR.

Correct Answer: B

QUESTION 3

An administrator has installed a new client partition and has used vSCSI to provide the disk for rootvg. The rootvg consists of one single disk, hdisk0, which is provided using a single SAN device presented to a dual VIO server configuration. The client virtual SCSI adapters are vscsi0 and vscsi1The administrator would like to prioritize I/O traffic for vscsi0.Running which command will achieve this?

A. chdev

B. chvpath

C. chpath

D. chattr

Correct Answer: C

QUESTION 4

A second virtual disk has been added to a SuSE Linux LPAR on the existing vhost0 adapter. What must be done for this disk to be recognized on the Linux LPAR?

A. /usr/bin/cfgmgr

B. /bin/kpartx -a -v /dev/sdb

C. echo "- - -" > /sys/class/scsi_host/host0/scan

D. /usr/bin/rescan-scsi-bus

Correct Answer: C

QUESTION 5

An administrator is planning to deploy multiple AIX LPARs onto a Power 770. These LPARs will be served with Virtual SCSI storage from a pair of VIO Servers (VIOS). What consideration should be considered with regard to VIOS configuration to ensure suitable performance of the virtualized storage?

A. Allocate sufficient CPU processing capacity.

B. Provide sufficient memory allocation.

C. Assign each virtual disk on a unique virtual SCSI adapter.

D. Set the hcheck_mode attribute on the vSCSI disks.

Correct Answer: A

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