

A4040-221^{Q&As}

Assessment: AIX 7 Administration

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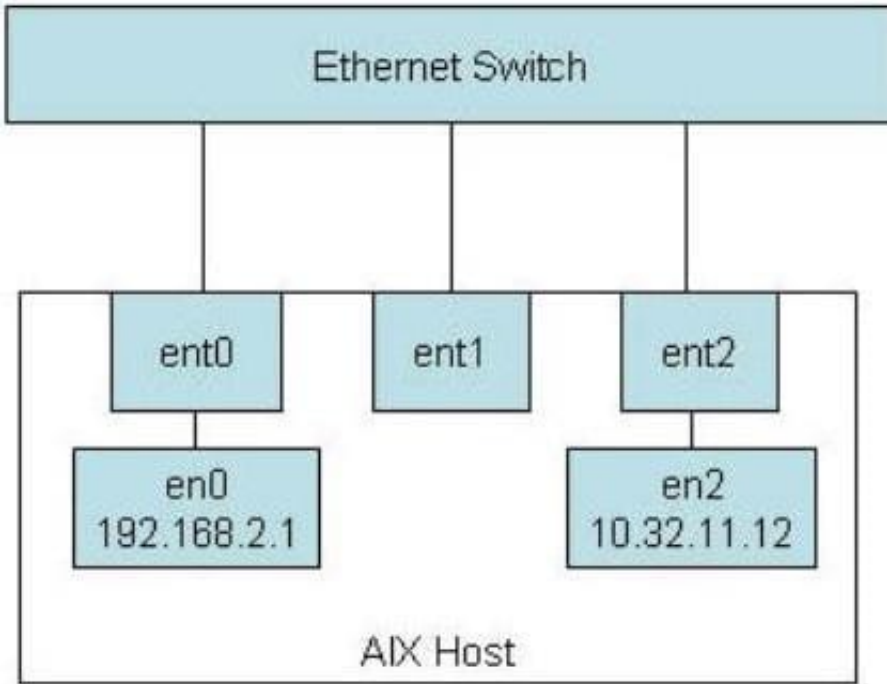
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QUESTION 1

In the following figure, what TWO things must be done before an EtherChannel can be created from the ent0 and ent1 adapters?



- A. The ent0 and ent1 adapters must be connected to different switches to provide both additional bandwidth and adequate redundancy in the EtherChannel that is created.
- B. EtherChannel support capability must be verified for the Ethernet switch.
- C. The IP configuration must be removed from en0.
- D. The AIX host must be completely disconnected from the network,
- E. The en1 interface must be configured with IP information.

Correct Answer: BC

QUESTION 2

Which TWO groups of actions will create a CDROM file system for device cd0 and mount this on /cdfs? (Select 2)

- A. cdutil-s-kcd0/cdfs mount /cdfs
- B. Define cd0 mount point as /cdfs in file /etc/cdromd.conf startsrc -s cdromd cdmount cd0
- C. Define cd0 mount point as /cdfs in /etc/filesystems as vfs type jfs2 mount /cdfs
- D. crfs-vcdrfs-pro-d\\'cd0\\'-mVcdfs\\' mount /cdfs

E. `mkfs-v/cdfs/dev/cd0 mount /cdfs`

Correct Answer: BD

QUESTION 3

What command will designate /dev/hd7 as a secondary dump device which will remain configured after system reboot?

- A. `dumpconf` with persistent option
- B. `dumpctrl` with persistent option
- C. `sysdumpdev` command with persistent option
- D. `clump` with persistent option.

Correct Answer: C

QUESTION 4

Which procedure will create a NIM lpp_source resource from an ISO image?

- A.

```
mkiv -y cdlv -L /dev/cdlv rootvg 4500M hdisk0
cp /images/71_DVD1.iso /dev/cdlv
mcunt -v cdrfs -o ro /dev/cdlv /mnt
nim -o define -t lpp_source -a server=master -a location=/export/lpp_source/aix71 -a
source=/mnt AIX71_lpp_source
```
- B.

```
mount -o loop /images/71_DVD1.iso /mnt
nim -o define -t lpp_source -a server=master -a location=/export/lpp_source/aix71 -a
source=/mnt AIX71_lpp_source
```
- C.

```
mcunt -v cdrfs -o ro /images/71_DVD1.iso /mnt
nim -o define -t lpp_source -a server=master -a location=/export/lpp_source/aix71 -a
source=/mnt AIX71_lpp_source
```
- D.

```
nim -o define -t lpp_source -a server=master -a
location=/export/lpp_source/aix71 -a source=/images/71_DVD1.iso AIX71_lpp_source
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Correct Answer: D

QUESTION 5

Given the NIB configuration shown below, what is the most likely reason that after a link failure for ent0, there was no automatic failover to ent2?

```
Type or select values in entry fields.
Press Enter AFTER making all desired changes.

                                     [Entry Fields]
EtherChannel / Link Aggregation      ent4
Parent Adapter                       NONE
EtherChannel / Link Aggregation Adapters ent0
Backup Adapter                       ent2
    Automatically Recover to Main Channel yes
    Perform Lossless Failover After Ping Failure yes
Delete Backup Adapter
Add Main Adapter
Delete Main Adapter
Add Backup Adapter
Enable Alternate Address              no
Alternate Address                    [0x000000000000]
Enable Gigabit Ethernet Jumbo Frames no
Mode                                  standard
IEEE 802.3ad Interval                long
Hash Mode                            default
Internet Address to Ping              []
Number of Retries                    []
Retry Timeout (sec)                  [1]
Apply change to DATABASE only        no
```

- A. Alternate Address is not set
- B. No Internet Address to Ping is specified
- C. Automatically Recover to Main Channel is set to yes
- D. ent0 and ent2 have different media speeds specified

Correct Answer: B

QUESTION 6

An AIX instance was initially configured to communicate over a single network interface. The administrator plans to configure an EtherChannel using the existing network interface and an additional network interface.

Which is the correct sequence of steps to implement this configuration?

- A. Remove the existing IP information Add both interfaces as primary adapters Configure the IP address

- B. Configure the existing interface as a primary adapter Configure the additional interface as a backup adapter
- C. Configure the same IP address on the additional interface Add both adapters as primary adapters Remove the existing default route
- D. Add both adapters as primary adapters Configure the IP address as an alias on the additional interface

Correct Answer: A

QUESTION 7

Two different administrators are asked to change the hostname of a system due to a misunderstanding The current hostname is set to misunderstanding. The current hostname is set to `\\'ozi\\'`. The first administrator thinks the hostname should be set to `\\'kiwi\\'` and he runs the command:

```
# hostname kiwi
He checks his work by running the hostname command again and he sees this output # hostname kiwi
The second administrator thinks the hostname should be \\'texan\\' and he runs the command: # uname -S texan
He checks his work by running uname -n and sees the output # uname -n texan
```

What will be the output of the hostname and uname -n command when the system reboots?

- A. The output of both commands will be `\\'kiwi\\'` after reboot.
- B. The output of both commands will be `\\'texan\\'` after reboot.
- C. The output of both commands will be `\\'ozi\\'` after reboot.
- D. The output of the hostname command will be `\\'kiwi\\'` and the output of the uname -n command will be texan".

Correct Answer: C

QUESTION 8

What is the supported process to correct filesystem corruption which prevents a normal boot?

- A. Boot the system into a maintenance shell Access the volume group and start a shell before mounting the file systems Run fsck on the rootvg filesystems Exit shell Sync and reboot
- B. Boot the system into a maintenance shell Access the volume group and start a shell Run fsck on the rooWg filesystems Exit shell Sync and reboot
- C. Boot the system into a restricted shell Access the volume group and start a shell before mounting the file systems Run fsck on the rootvg filesystems Exit shell Sync and reboot
- D. Boot the system into a restricted shell Access the volume group and start a shell Run fsck on the rootvg filesystems Exit shell Sync and reboot

Correct Answer: A

QUESTION 9

The system administrator ran the following command to backup his image repository, but nothing was backed up to the file. Why? `find /media -print | backup -l-f-p /dev/rmt0`

- A. The block size was not specified.
- B. The files in the directory are larger than 2GB.
- C. The tape was not positioned the beginning of the tape.
- D. The tape was not formatted.

Correct Answer: B

QUESTION 10

Based on the following graphic, which physical adapter services fcs2?

- A. fcs2 on vio1
- B. fcs2 on vio2
- C. fcs6 on viol
- D. fcs6 on vio2

Correct Answer: C

QUESTION 11

A POWER5 520 system is being cloned onto a Power 780. The source system is on internal disks, and the vg01 volume group is mirrored. After installing AIX, which sequence of actions will recreate the vg01 volume group and restore data on the new system?

- A. Have all the applications shut down. Create a backup of each filesystem to an NFS mount using the backup command. Restore the filesystem backups with the restorevgfiles command.
- B. Create a backup onto an NFS server using the mksysb command and referencing the correct data volume group. Restore the backup of vg01 with the smit fast path smit restmksysb.
- C. Have all applications shut down. Use the savevg command to create a backup of the data volume group to an NFS mount. Restore the savevg on the clone system with the restvg command.
- D. Shut down all application running from the data volume group. Run the cpio command to write the file to a local NFS server. Restore command with the backup to recreate vg01.

Correct Answer: C

QUESTION 12

An administrator needs to determine if system microcode is at the most current level. Which tool will identify current microcode levels, and provide an output file which can be used by the IBM Microcode Discovery Service (MDS) for

comparison?

- A. FLRT
- B. invscout
- C. lsmcode
- D. prtconf
- E. urncode_latest

Correct Answer: B

QUESTION 13

A system administrator needs to create a new volume group (VG) which will contain 100 physical volumes. The physical volumes are 10GB in size. The company plans to increase from 100 to 150 physical volumes over a two year period. To ensure the VG can meet initial demand and grow without requiring changes at later date, what type of VG should be created?

- A. Create VG as a Big volume group.
- B. Create a volume group setting each physical partition size to 1024 MB.
- C. Create VG as a Scalable volume group.
- D. Create VG using the t-factor attribute

Correct Answer: C

QUESTION 14

In the graphic below, the LPAR's current physical and virtual processor allocation matches its desired settings How do these settings limit system processor assignment for the LPAR?

General	Processors	Memory	I/O	Virtual Adapters	Power Controlling	Settings	Logical Host Ethernet Adapters (LHEA)
Detailed below are the current processing settings for this partition profile.							
Processing mode							
<input type="radio"/> Dedicated <input checked="" type="radio"/> Shared							
Processing units							
Total managed system processing units : 64.00							
Minimum processing units : <input type="text" value="0.1"/>							
Desired processing units : <input type="text" value="2.0"/>							
Maximum processing units : <input type="text" value="4.0"/>							
Shared processor pool: <input type="text" value="DefaultPool (0)"/>							
Virtual processors							
Minimum processing units required for each virtual processor : 0.10							
Minimum virtual processors : <input type="text" value="1.0"/>							
Desired virtual processors : <input type="text" value="6.0"/>							
Maximum virtual processors : <input type="text" value="16.0"/>							
Sharing mode							
<input checked="" type="checkbox"/> Uncapped Weight : <input type="text" value="128"/> <input type="button" value="▲"/> <input type="button" value="▼"/>							
Processor compatibility mode: <input type="text" value="default"/>							

- A. The LPAR can increase to 16.00 processing units of capacity in the shared processing pool as needed.
- B. The LPAR will be able to use a maximum of 6.0 processing units of capacity in the shared processing pool.
- C. The LPAR will be able to use a maximum of 4.0 processing units of capacity in the shared processing pool.
- D. The administrator will be allowed to add a maximum of 4.0 additional processing units to the LPAR using DLPAR, making its allocation 6.0 processing units.

Correct Answer: B

QUESTION 15

A NIM server is used to support different AIX Technology Levels among several clients. Each technology level is maintained in a separate lpp_source. Which command(s) will display what AIX fixes are available for several TL levels supported by a NIM server?

- A. niminv-o fixget-a targets=lpp_source1,lpp_source2

B. `nim_update_check-lsumalpp_source1 nim_update_check-lsumalpp_source2`

C. `nim-o cust-a fixes=update_all lpp_source1Jpp_source2`

D. `nim -o lppmgr-a lppmgr_flags="lsb" lpp_source1, lpp_source2`

Correct Answer: A

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