Exam : **C4040-221**

Title : AIX 7 Administration

QUESTION NO: 1

The following information has been reported in an AIX error log:

```
LABEL:        DMPCHK_NOSPACE
  IDENTIFIER:   F89FB899
  Date/Time:    Mon 22 Aug 15:00:01 2011
  Sequence Number: 6
  Machine Id:   00E65BECF00
  Node Id:      lpar1
  Class:        O
  Type:         PEND
  WPAR:         Global
  Resource Name:  dumpcheck
  Description
  The copy directory is too small.
  Probable Causes
There is not enough free space in the file system containing the copy directory to
accommodate the dump.
  Recommended Actions
  Increase the size of that file system.
  Detail Data
  File system name
  /var/adm/ras
  Current free space in kb      119740
  Current estimated dump size in kb      271564
```

How can the administrator prevent the error from reoccurring?

A. Create a secondary dump device greater than 266MB
B. Increase primary dump device size greater than 266MB
C. Increase "/var" file system to ensure it has a minimum of 266MB free space
D. Increase "/var/adm/ras/livedump" file system to ensure it has a minimum of 266MB free space

Answer: C
Explanation:

QUESTION NO: 2

What is the difference between deferred and concurrent firmware updates?

A. Deferred firmware can be applied concurrently but contains updates that affect the internal program load path, which are not activated until the next time the server is shut down and restarted.
B. Concurrent firmware must be done on all LPARs in the frame at the same time. Deferred

firmware can be loaded on each LPAR at a different time and only becomes active when the LPAR is shutdown and restarted.

C. Deferred firmware can only be applied during an outage to the managed system as it will automatically shut the managed system down during its installation.

D. Concurrent firmware is only for minor fixes to the system mircocode while deferred firmware contains major fixes to the service processor.

Answer: A

Explanation:

QUESTION NO: 3

A host has a single virtual Ethernet adapter (ent0) configured with only a default PVID, and the administrator is trying to determine why it cannot be used to reach any other system on the network. He suspects that it may be caused by a problem in the VLAN configuration.

How would the administrator determine the VLAN for which the adapter was configured?

A. Use the command 'lsdev -I ent0' on the host to determine the port VLAN ID.
B. Use the command 'lsattr-EI ent0' on the host to determine the port VLAN ID.
C. Look on the HMC to determine which VLAN is configured for the adapter.
D. Examine the Shared Ethernet Adapter on the Virtual I/O Server to determine which VLAN the adapter is using.

Answer: C

Explanation:

QUESTION NO: 4

How can an administrator disable Role Based Access Control (RBAC) in a WPAR?

A. Run chattr -E -I sys0 -a enhanced_RBAC=false
Reboot the WPAR
B. Run the RBAC wizard and deselect 'Enable RBAC
Reboot the system
C. Run chdev -I mywpar -a enhanced_RBAC=false
Reboot the Global Environment
D. Run chwpar -a RBAC=false
Reboot the WPAR

Answer: C
Explanation:

QUESTION NO: 5

After performing a NIM rte install, the administrator noticed that not all filesets are at the correct Technology Level (TL). What action will help the administrator determine why the inconsistent fileset levels were installed?

A. On the NIM server, run an lppchk to identify if the Software Vital Product Data is valid.
B. On the NIM client, run oslevel command against the TL to identify missing prerequisites.
C. Run instfix command on NIM client to determine what filesets are inconsistent.
D. On the NIM server run the NIM lslpp command to indentify downlevel filesets contained in the lpp_source.

Answer: D
Explanation:

QUESTION NO: 6

What is a requirement for Live Partition Mobility?

A. The network and disk must be virtual.
B. The disk must be virtual and a Logical Host Ethernet Adapter (LHEA) for network.
C. The client partition must be connected to a SAN.
D. The client partition must be set up as a 'Mover Service Partition'.

Answer: A
Explanation:

QUESTION NO: 7

Which technology provides the maximum amount of usable storage and resilience for a system with 6 physical volumes?

A. RAID 0
B. RAID 1
C. RAID 5

D. RAID 6

Answer: C
Explanation:

QUESTION NO: 8

An LPAR is configured with strict logical volume mirroring across two disks for resilience. The administrator would like to ensure if one disk fails the volume group stays online. Which command will ensure that the datavg volume group stays online?

A. varyonvg -n datavg
B. mirrorvg-Q-c 2 datavg
C. mklvcopy -e m -s y (each logical volume name) 2
D. chvg -Qn datavg

Answer: D
Explanation:

QUESTION NO: 9

New change control procedures dictate that system maintenance windows be shown to each user after logging into the system using ssh or telnet. Updating which file or files will accomplish this task?

A. The message of the day file
B. The user default attributes file
C. User and admin system alert files
D. The var daily message files

Answer: A
Explanation:

QUESTION NO: 10

What option will boot an LPAR directly from DVD media, without any user interaction required, when starting the LPAR from the Hardware Management Console (HMC)?

A. Normal
B. Diagnostic with default boot list
C. System management services
D. Open firmware OK prompt

Answer: B
Explanation:

QUESTION NO: 11

An administrator needs to list/query the security attributes for the WPAR syswpar1. Which command will do this?

A. Issecattr-W syswpar1
B. Issecconf-w syswpar1
C. Isattr-s syswpar1
D. Iswpar-S syswpar1

Answer: D
Explanation:

QUESTION NO: 12

AIX has been installed on an LPAR with 32 GB of memory. What should be checked first, before increasing the paging space beyond the default 512MB?

A. The maximum memory attribute in the LPAR profile.
B. Quantity and size of hosted filesystems.
C. Disk device distribution and utilization.
D. Paging requirements of applications that will be hosted.

Answer: D
Explanation:

QUESTION NO: 13

Which of the following is an AIX 7 Cluster Aware feature?

A. Cluster application load balancing
B. Cluster shared volume groups on the shared disk
C. Cluster IP addresses on the shared resource
D. Cluster configurations on the cluster repository disk

Answer: D

Explanation:

QUESTION NO: 14

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

Answer: B,D

Explanation:

QUESTION NO: 15

How can an administrator enable the Workload Partitions Manager feature after AIX 7 has been installed with the default options?

A. Change AIX License using chlicense -I command
B. Change AIX edition using chedition -e command
C. Change WPAR License using chwpar -I command
D. Change WPAR edition using chwpar-e command

Answer: B

Explanation:

QUESTION NO: 16

The cfgmgr command appears to be taking an excessive time to complete. The administrator was able to quit the command and return to the command prompt. The administrator does not have access to the managing HMC and unable to check for any LED codes.

How else can the cause of the observed delay be determined?

A. Review the latest entry within /var/log/cfgdb.out.
B. Start the syslog daemon before re-issuing the command.
C. Re-issue the command with the W flag.
D. Initiate the ledmon command from a separate session, then re-issue cfgmgr.

Answer: C
Explanation:

QUESTION NO: 17

Which AIX command will display the virtual SCSI slot number that is the parent of hdisk0?

A. lsdev
B. lscfg
C. lsattr
D. lsmap

Answer: B
Explanation:

QUESTION NO: 18

An administrator plans to duplicate the active rootvg on a given system to a spare disk that will be migrated to newer hardware. Which flag on 'alt_disk_copy' must be used to reset user-defined device configurations to defaults?

A. X
B. R
C. O
D. D

Answer: C
Explanation:

QUESTION NO: 19

Before changing virtual memory settings, how can an administrator check the valid range of values for a tuning parameter?

A. lscfg-T
B. lsattr-R
C. vmtune-l
D. vmo-L

Answer: D
Explanation:

QUESTION NO: 20

What are key considerations when planning for Live Application Mobility?

A. The WPAR is an Application WPAR and both global environments are at the same AIX level
B. That the WPAR is checkpointable and both global environments are on the same subnet
C. The NFS services are running and applications are stopped
D. The NFS services are running and there is an HMC attached to both managed systems

Answer: B
Explanation:

QUESTION NO: 21

What action does the following command perform for a new AIX hdisk, hdisk1 ?

chdev -I hdisk1 -a pv=yes

A. Makes the disk available for use
B. Changes the existing pvid on the disk to Yes'
C. Sets the physical volume identifier

D. Clears volume group locks
E. Resets the volume group descriptor area

Answer: C
Explanation:

QUESTION NO: 22

A physical LPAR has a failed Fibre Channel adapter, which was providing redundant SAN access. What is a prerequisite for using the Replace/Remove task of the PCI Hot Plug Manager?

A. Verify HMC RMC connectivity.
B. Unconfigure the adapter and child devices.
C. Make sure a spare adapter slot is available.
D. Provide additional SAN cabling.

Answer: B
Explanation:

QUESTION NO: 23

On AIX 7, which command will list a summary of the issues detected by Electronic Service Agent?

A. esacli errpt
B. esacli problem
C. esacli status
D. esacli activity

Answer: B
Explanation:

QUESTION NO: 24

An administrator needs to limit the size of the filesystem cache. Which tuning parameters need to be adjusted?

A. minfree and maxfree
B. minperm and maxperm

C. minfreemem and maxfreemem

D. minpgahead and maxpgahead

E. sb_min and sb_max

Answer: E

Explanation:

QUESTION NO: 25

An administrator notices that the ntp group subsystem is not starting up at boot time. What will cause this issue?

A. The /etc/ntp.conf file has the following line commented out

broadcastserver

B. The following line is commented outinthe/etc/inetd.conf file:

ntp 123/tcp # Network Time Protocol

C. The following line is commented out of the /etc/inittab file:

xntpd: 23456789: respawn:/usr/sbin/xntpd > /dev/console 2>&1 #Start ntp daemon

D. The /etc/rc.tcpip file has the following line commented out:

start /usr/sbin/xntpd "$src_running"

Answer: D

Explanation:

QUESTION NO: 26

An administrator is required to implement resource control for a running system WPAR called "skippy'. Which flag of the chwpar command will set the CPU Resource control limits for this WPAR to a minimum of 8%. a desired of 35% and a maximum of 45%?

A. chwpar -c CPU=8%-35%,45% skippy

B. chwpar-R CPU=8%-35%,45% skippy

C. chwpar-L CPU=8%-35%,45% skippy

D. chwpar-r PROC=8%-35%,45% skippy

Answer: D

Explanation:

QUESTION NO: 27

Name resolution is not working on a given LPAR. Considering the observed behavior and configuration of/etc/resolv.conf, what is the most likely resolution?

```
# cat /etc/resolv.conf
nameserver      nameserver1.ying.ibm.com
nameserver      10.20.145.2
search          ying.ibm.com yang.ibm.com
domain          ying.ibm.com
# nslookup w7
Server:         10.20.145.2
Address:        10.20.145.2#53

** server can't find w7: NXDOMAIN
# nslookup w7.yang.ibm.com
Server:         10.20.145.2
Address:        10.20.145.2#53

w7.yang.ibm.com canonical name = w7.yang.ibm.com
Name:   w7.yang.ibm.com
Address: 10.21.147.10
# nslookup nameserver1.ying.ibm.com
Server:         10.20.145.2
Address:        10.20.145.2#53

nameserver1.ying.ibm.com      canonical name = nameserver1.ying.ibm.com
Name:   nameserver1.ying.ibm.com
Address: 10.20.145.1
```

A. Correct the definition of nameserver1.
B. Remove the domain line.
C. Verify the syntax in /etc/nelsvc.conf.
D. Move the search definition to the beginning of the file

Answer: B
Explanation:

QUESTION NO: 28

Which configuration will provide an LPAR maximum network resilience and performance with two Ethernet adapters?

A. Configure both Ethernet adapters as IEEE 802.3ad link Aggregated with src_dst_port mode
B. Configure EtherChannel using Internet Protocol over InfiniBand (IPoIB) with 64K TCP/IP MTU 64K Superpacket
C. Configure EtherChannel with one Ethernet adapter as primary adapter & one as backup with hash mode roundrobin
D. Configure both adapters with Quality of Server (QoS) adapters and configure virtual IP address on interfaces

Answer: A

Explanation:

QUESTION NO: 29

What is required for a volume group to be eligible for automatic Geographic Logical Volume Mirroring (GLVM) mirroring?

A. The volume group must be created as a Scalable Volume Group.
B. The volume group must be managed by Cluster Aware AIX.
C. The volume group must be concurrent capable.
D. The volume group has at least two LVM mirror pools defined.

Answer: A
Explanation:

QUESTION NO: 30

Within a Perl script, how can the output of the hostname command be assigned to a variable called myHostname?

A. chopfmyHostname-'hostname -s 2>/dev/null")
B. chop($myHostname=%hostname -s 2>/dev/nuir);
C. $myHostname=7usr/bin/hostname".
D. chomp(@myHostname-hostname -s 2>/dev/null');

Answer: B
Explanation:

QUESTION NO: 31

A system dump has been initiated on an LPAR and LED code "0c1" is displayed, indicating an I/O error. Where can the administrator find out more about this error?

A. The HMC Service Guide
B. The AIX Version 7.1 Commands Reference
C. HMC Event Log
D. IBM's Fix Central under Power Systems LED support page

Answer: D
Explanation:

QUESTION NO: 32

Given the following characteristics, tuning which resource will provide the greatest benefit?

CPU=80% busy

Physical Memory=90% used

Disks=80% busy

Network=80% used

Filesystemsare90%full.

A. Memory
B. Network
C. Disks
D. Filesystems

Answer: C
Explanation:

QUESTION NO: 33

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 -I-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.

Answer: B
Explanation:

QUESTION NO: 34

An administrator created logical volume fs01l to contain a JFS2 file system. When trying to create the filesystem the crfs command gives an error. Given the following logical volume definition, which action will correct the error?

```
LOGICAL VOLUME:     fs01lv                VOLUME GROUP:   rootvg
LV IDENTIFIER:      000a8a920000d9000000012f7a1f1ce9.14 PERMISSION:     read/write
VG STATE:           active/complete       LV STATE:       closed/syncd
TYPE:               jfs                   WRITE VERIFY:   off
MAX LPs:            512                   PP SIZE:        512 megabyte(s)
COPIES:             1                     SCHED POLICY:   parallel
LPs:                5                     PPs:            5
STALE PPs:          0                     BB POLICY:      relocatable
INTER-POLICY:       minimum               RELOCATABLE:    yes
INTRA-POLICY:       middle                UPPER BOUND:    32
MOUNT POINT:        N/A                   LABEL:          None
MIRROR WRITE CONSISTENCY: on/ACTIVE
EACH LP COPY ON A SEPARATE PV ?: yes
Serialize IO ?:     NO
```

A. crfs -vjfs2 -m /fs01 -d /dev/fs01lv
B. mklv-tjfs2-yfs01lvrootvg5
C. chdev-lfs01lv-atype=jfs2
D. chlv-tjfs2fs01lv

Answer: D
Explanation:

QUESTION NO: 35

An administrator has logged in as root but is unable to run the ksh script named rperf. Given the following information, how could this be fixed?

```
# ls -l
total 64
-rw-r--r--    1 root       system      1165 Sep 18 23:22 errpt_notify
-r--r--r--    1 bin        bin          622 Sep 18 23:22 lsc
-rwx-----T    1 538804364  staff        343 Sep 18 23:22 rootvg_size_check
-rw-r--r--    1 nobody     staff      13662 Sep 18 23:22 rperf
-rwx------    1 root       staff         55 Sep 18 23:22 ssh
#
```

A. Change the parent directory to be executable
B. Change the owner of the script to root
C. Change the file to be of extension ksh
D. Change the permissions to 700

Answer: D
Explanation:

QUESTION NO: 36

A DLPAR memory operation was attempted and failed. Given the following information, what is the likely caused

A. Source LPAR is using all of its allocated memory
B. Operation timed out
C. Destination LPAR maximum memory setting is too low.
D. HMC RMC daemons are not communicating properly to the source
E. Source LPAR minimum memory setting is too high.

F. Source LPAR maximum memory setting is too low.

Answer: C
Explanation:

QUESTION NO: 37

Prior to performing a firmware upgrade on a POWER7 system managed by an HMC. which additional component needs to be verified?

A. HMC firmware level using the IBM Power code matrix website
B. Available disk space on HMC.
C. Remote Command Execution capability on the HMC.
D. Inventory Scout ports allowed on HMC firewall.

Answer: C
Explanation:

QUESTION NO: 38

An administrator wants to create a filesystem with a specific logical volume name, disk location, and disk placement. Which pair of commands will allow these attributes to be set during filesystem creation?

A. crfs followed by chvg
B. crlv followed by mkfs
C. mkfs followed by chfs
D. mklv followed by crfs

Answer: D
Explanation:

QUESTION NO: 39

In addition to an available DVD drive and 5GB disk space, what are the minimum server and LPAR requirements to install AIX 7.1 from DVD media?

A. IBM PowerPC 970, POWER4, POWER5, POWER6 or POWER7 Server 512MB Memory

B. IBM PowerPC 970, POWER4, POWER5, POWER6 or POWER7 Server 1024MB Memory
C. IBM POWER4. POWER5. POWER6 or POWER7 Server 512MB Memory
D. IBM POWER4, POWER5. POWER6 or POWER7 Server 1024MB Memory 3015

Answer: A
Explanation:

QUESTION NO: 40

A P0WER5 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.

Answer: C
Explanation:

QUESTION NO: 41

What TWO situations require a Systems Director Management Console (SDMC) instead of a Hardware Management Console (HMC)?

(Select 2)

A. Managing POWER5, POWER6 and POWER7 servers from one interface.
B. Creating automation plans that perform specific functions on a given event.
C. Implementing Active Memory Sharing (AMS).
D. Utilizing Integrated Virtualization Manager (IVM) to manage Power Systems blades.
E. Managing Power Blades and Power Systems standalone servers from one interface.

Answer: B,E
Explanation:

QUESTION NO: 42

What is a mandatory requirement to allow an AIX 7-based NIM Master to install clients over IPv6?

A. The NIM Master must use static IPv6 addresses.
B. The NIM Master must have both IPv4 and IPv6 connectivity.
C. The NIM Master must be installed with the AIX Enterprise Edition license.
D. The NIM Master must be running at least AIX 7.1 TLOO Service Pack3 or later.

Answer: A
Explanation:

QUESTION NO: 43

What infrastructure is necessary to support update installation to an existing IVM instance?

A. Hardware Management Console
B. Systems Director Management Console
C. IBM Systems Director
D. Network Install Manager
E. Cluster Systems Manager

Answer: D
Explanation:

QUESTION NO: 44

What is the purpose of the virtual media repository on the VIO Server?

A. To store resources for use by the NIM server
B. To store backups of the VIO Server
C. To store images for use by VIO Clients
D. To store images for use by VIO Servers

Answer: C

Explanation:

QUESTION NO: 45

A system that will be re-installed has the following characteristics:

```
$ lspv
hdisk0        00c9d4cf1c892c4c                    rootvg        active
hdisk1        0006bf1c3d81743b                    None
hdisk2        0006bf1c3d817913                    None
hdisk3        0006bf1c3e20e9f5                    None
```

If the following target_disk_data stanza is defined in the bosinst.data file used for the install, which disk will be installed with the operating system?

target_disk_data:

LOCATION = 0006bf1c3d817913

SIZE_MB =

HDISKNAME = hdisk1

A. hdisk0
B. hdisk1
C. hdisk2
D. hdisk3

Answer: C
Explanation:

QUESTION NO: 46

A mirrored rootvg internal disk, hdisk1, has failed and must be replaced. The remaining mirrored disk, hdisk0, is intact and functioning normally. What is the correct sequence of actions?

A.
unmirrorvg rootvg hdisk1
reducevg roolvg hdisk1
rmdev -I hdisk1 -d
physically replace hdisk1
cfgmgr
extendvg rootvg hdisk1

mirroivg rootvg
Run a bosboot on both disks
B.
rmdev-l hdisk1 -d
physically replace hdisk1
cfgmgr
unmirrorvg rootvg hdisk1
reducevg rootvg hdisk1
extendvg rootvg hdisk1
mirrorvg rootvg
Run a bosboot on both disks
C.
unmirrorvg rootvg hdisk1
rmdev-I hdisk1 -d
physically replace hdisk1
reducevg rootvg hdisk1
cfgmgr
extendvg rootvg hdisk1
mirrorvg rootvg
Run a bosboot on both disks
D.
unmirroivg rootvg hdisk1
reducevg rootvg hdisk1
rmdev -I hdisk1 -d
physically replace hdisk1
cfgmgr
extendvg rootvg hdisk1
Run a bosboot on both disks
mirrorvg rootvg

Answer: A
Explanation:

QUESTION NO: 47

Which command will display the path status of MultiPath I/O (MHO) device hdisk1?

A. lspath-I hdisk1
B. lspv-L hdisk1
C. chnlspath-I hdisk1
D. lsdev-Cp hdisk1

Answer: A
Explanation:

QUESTION NO: 48

An administrator utilizes the parallel nature of dsh to streamline common tasks, but must serialize some to prevent network saturation. What dsh parameter will override the default behavior?

A. The fanout parameter.
B. The execute parameter.
C. The node-options parameter
D. The stream parameter

Answer: A
Explanation:

QUESTION NO: 49

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".

Answer: C
Explanation:

QUESTION NO: 50

Which command will display the time and date of the last boot?

A. who-b
B. last-b
C. boot-b
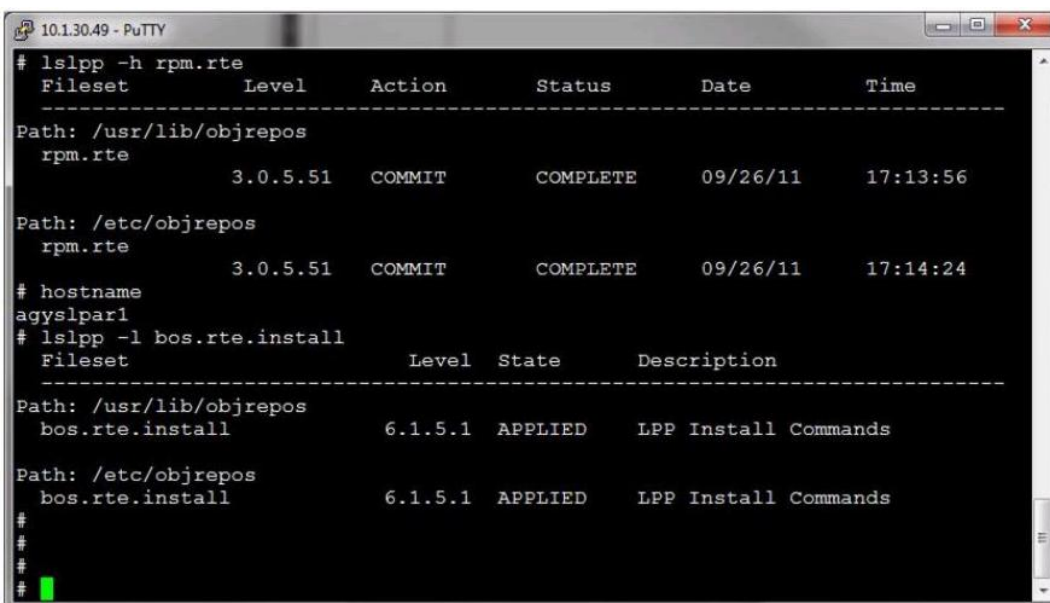**D.** time-x

Answer: A
Explanation:

Topic 2, Volume B

QUESTION NO: 51

An administrator upgraded the rpm.rte fileset. During the installation, the bos.rte install fileset was automatically upgraded as well Given the following information, which action will allow the administrator to back out the changes?

```
10.1.30.49 - PuTTY
# lslpp -h rpm.rte
  Fileset           Level      Action      Status        Date         Time
  ------------------------------------------------------------------------
Path: /usr/lib/objrepos
  rpm.rte
                    3.0.5.51   COMMIT      COMPLETE      09/26/11     17:13:56

Path: /etc/objrepos
  rpm.rte
                    3.0.5.51   COMMIT      COMPLETE      09/26/11     17:14:24
# hostname
agyslpar1
# lslpp -l bos.rte.install
  Fileset                       Level  State     Description
  ------------------------------------------------------------------------
Path: /usr/lib/objrepos
  bos.rte.install               6.1.5.1  APPLIED   LPP Install Commands

Path: /etc/objrepos
  bos.rte.install               6.1.5.1  APPLIED   LPP Install Commands
#
#
#
#
```

A. REJECT both fileset upgrades.

B. COMMIT the bos.rte.install upgrade and REJECT both fileset upgrades.

C. REJECT the bos.rte.install fileset and overwrite install the rpm.rte with the previous version

D. REJECT the bos.rte.install fileset and CLEANUP the rpm.rte upgrade.

Answer: C

Explanation:

QUESTION NO: 52

Solid State Drives (SSDs) have been added to a POWER7 system, and the administrator would like to migrate filesystems with high I/O activity to the SSDs. What TWO options or commands will assist the administrator with identifying filesystem activity?

(Select 2)

A. svmon
B. tprof
C. filemon
D. Hot File Detection
E. fileplace

Answer: C,D

Explanation:

QUESTION NO: 53

Which command will show all the logical volumes, filesystem mount points, and the volume group in which they reside?

A. lslv-al
B. mount-v
C. df-vAg
D. lsvg | lsvg -il

Answer: D

Explanation:

QUESTION NO: 54

Which system management tool could be used to deploy corrective service to multiple HMCs?

A. Distributed Systems Manager
B. Network Installation Manager
C. IBM Systems Director
D. Cluster Systems Manager

Answer: C
Explanation:

QUESTION NO: 55

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

Answer: B
Explanation:

QUESTION NO: 56

An administrator was told to reverse the search order of a working DNS lookup. During application testing it was discovered that network resolution was not working for the end users.

Given the following output, what is the most likely cause?

A. The first DNS server is unreachable.

B. The netsvc.conf has the incorrect host lookup order.

C. Incorrect file permissions on the/etc/resolv.conf file.

D. The host is not on the network.

Answer: C

Explanation:

QUESTION NO: 57

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

Answer: C

Explanation:

QUESTION NO: 58

A customer has purchased two dual-port Fibre Channel and two dual-port Ethernet cards. Which configuration will provide the greatest amount of redundancy for two client partitions?

A. Assign each client one fibre and Ethernet card. Make sure they are cabled to a different network and fibre switches.

B. Assign each client one port on each of the fibre and Ethernet cards. Cable each to a different network or fibre switch.

C. Assign all resources to a VIO server. Create an Etherchannel on the network adapters that connect to different FCoE switches.

D. Create a dual VIO server environment, each with one Ethernet and fibre card. Make sure each card is attached to a different network and fibre switch.

Answer: D

Explanation:

QUESTION NO: 59

An administrator wants to run secure commands as user1 from hosta to hostb using OpenSSH.
Which actions will configure SSH trust?

A. Create a public & private key on hosta
Copy contents of public key to hostb file /home/user1/.ssh/authorized_keys2
B. Create a public & private key on hostb
Copy contents of private key to hosta file /home/user1/.ssh/authorized_keys2
C. Create a public & private key on hosta
Copy contents of key to hostb file /usr/openssh/.ssh/authorized_keys2
D. Create a public & private key on hosta
Copy contents of private key to hostb file /home/useM/ ssh/authorized_keys2

Answer: A
Explanation:

QUESTION NO: 60

Which command will help determine if the primary Ethernet adapter in an EtherChannel has failed
and the backup adapter is being used?

A. ethstat
B. entstat
C. ifconfig
D. lsagg

Answer: B
Explanation:

QUESTION NO: 61

A new security policy dictates that unnecessary default user accounts be removed. Which default
user IDs are most eligible for removal?

A. nobody and adm
B. root, sys and system

C. daemon, lpd, adm and guest
D. nuucp. lpd, and guest

Answer: D
Explanation:

QUESTION NO: 62

Performance monitoring is needed for a managed system containing multiple AIX7 LPARs. Which action enables historical data capture for the managed system?

A. Implement IBM Systems Director Standard Edition.
B. Run snap data collections periodically.
C. Configure the trace facility to capture details on system activity.
D. Configure NMON to collect interval-based performance data.

Answer: D
Explanation:

QUESTION NO: 63

What file needs to be modified to disable both telnet and local logins for the root UserID?

A. /etc/security/limits
B. /etc/security/passwd
C. /etc/environment
D. /etc/security/user

Answer: D
Explanation:

QUESTION NO: 64

How can the administrator remove all entries from the error log?

A. errclear 0
B. errpt-c 0
C. errlogger-c 0

D. errdemon-c 0

Answer: A
Explanation:

QUESTION NO: 65

Which level of information does the mpstat command provide when run inside an LPAR?

A. The simultaneous multi-threading LPAR profile setting.
B. Overall managed system logical processors utilization.
C. Performance statistics for all logical processors inside the LPAR.
D. Number of online physical processors in the pool where the LPAR resides.

Answer: C
Explanation:

QUESTION NO: 66

A user wants to run a batch job repetitively, but requires that each invocation starts five hours after the previous run finishes. What strategy will accomplish this?

A. Create a wrapper script that launches the job in the background and then sleeps for the designated period before launching it again.
B. Submit the job with 'at', using the average run time of the job plus five hours as the interval.
C. Add an entry to the crontab to submit the job every five hours.
D. Create a file containing the job commands, using the 'at' command as the final line of the file.

Answer: D
Explanation:

QUESTION NO: 67

Given the following crontab entry, when will the job run?

30 5 * 9 * /usr/local/bin/maintenance

A. Every day in September at 05.30

B. Every day at 05.00 and 09.00 for 30 days
C. Every 30 minutes for the first 5 days in September
D. Only on the 30th of May in 9 minute intervals

Answer: A

Reference:http://www.adminschoice.com/crontab-quick-reference

QUESTION NO: 68

What is the purpose of using tape drive special files?

A. To specify an action during certain tape operations
B. To eject tapes at the end of a tape operation
C. To configure alternate pathing of tape devices
D. To enable the tape SCSI Device Driver for a device

Answer: A
Explanation:

QUESTION NO: 69

While trying to extend a filesystem /work an administrator receives the following error: 0516-787 extendlv: Maximum allocation for logical volume fslv00 is 256. What must be done to allow the filesystem to be extended?

A. Change the filesystem option of maxsz to 512 for the filesystem /work with the command chfs -a maxsz=512 /work.
B. Change the maximum Logical Partitions to 512forthefslv00 with the command chlv-x512fslv00.
C. Change the volume groups maximum Logical Partitions per Logical Volume to 512 with the chvg -t 512 vg01.
D. Change the logical volume type to jfs2 as jfs logical volumes cannot extend passed 256 with the command chfs -v jfs2 -m /work.

Answer: B
Explanation:

QUESTION NO: 70

An administrator has been asked to consolidate disks on an LPAR. Given the following information, which group of actions will remove unneeded disk?

```
datavg:
PV_NAME             PV_STATE        TOTAL PPs    FREE PPs
hdisk2              active          599          159
hdisk3              active          399          399
```

A. Migrate physical partitions from hdisk2 to hdisk3
Remove hdisk2 from datavg
Use rmdevto permanently remove hdisk3
B. Remove hdi sk3 from datavg
Use rmdevto permanently remove hdisk3
C. Export datavg
Use rmdevto permanently remove hdisk3
re-import db2vg03
D. Vary off datavg
Use rmdevto permanently remove hdisk3
varyonvg dbvg02

Answer: B
Explanation:

QUESTION NO: 71

Given the following information, why is an error returned when trying to unmount the fitesystem /var/logs/tsm?

A. The child filesystem /var/logs/tsm/livelog is still mounted.
B. The hd8 is still tied to the filesystem.
C. The filesystem is of type mount=true so cannot be unmounted while the system is running
D. The umount command is being run while inside the filesystem.

Answer: A
Explanation:

QUESTION NO: 72

How can the emgr -I command be used?

A. To list the currently configured Enterprise Management capabilities
B. To help determine why a fileset is listed as EFIXLOCKED in Islpp output
C. To determine if the Active Energy Manager is currently installed
D. To determine if the Active Energy Manager is currently active

Answer: B
Explanation:

QUESTION NO: 73

With regard to an existing AIX 5.2 installation, what source format is required by the mkwpar command to create a Versioned WPAR of this existing system?

A. SPOT
B. MKSYSB
C. RAW
D. OVA

Answer: B
Explanation:

QUESTION NO: 74

An administrator migrated a global environment of AIX 6 to AIX 7 using NIM. They have attempted to use the migwpar command to migrate a selection of hosted WPARs from AIX 6 to AIX 7, but a detached system WPAR fails to migrate to AIX 7.

How can a detached system WPAR be migrated to AIX 7?

A. NIM
B. AIX install media
C. savewpar command
D. syncwpar command

Answer: B
Explanation:

QUESTION NO: 75

An administrator created a log logical volume named dbfs2loglv. Given the following output, why did the system create and use a new log logical volume rather than the log logical volume that the administrator specified?

A. The filesystem was built with a mirrored logical volume and 2 log logical volumes are needed.
B. The administrator created the db2fsloglv log but neglected to format it with the logform command.
C. The db2fsloglv log was created as a JFS log and a JFS2 log was needed.
D. There was already another filesystem using the db2fsloglv when the filesystem was created

Answer: B
Explanation:

QUESTION NO: 76

During a recent network outage, the failover to the secondary DNS server was taking too long. The administrator found the RES_RETRY and RES_TIMEOUT values needed to be updated. Where are these values updated?

A. /etc/inetd.conf
B. /etc/rc.net
C. /etc/security/limits
D. /etc/environment

Answer: D
Explanation:

QUESTION NO: 77

In order to enable an AIX host to use one virtual Ethernet adapter to communicate on multiple VLANs, what is required?

A. The VLAN devices used by the host must be configured with IP addresses on different subnets.
B. The virtual Ethernet adapter must be set to full duplex in AIX.
C. VLAN devices must be configured in the AIX host.
D. The virtual Ethernet adapter must be configured as a trunk adapter.

Answer: C
Explanation:

QUESTION NO: 78

An administrator needs to restore all files in the /myfs/test directory of the non-rootvg volume group backup, which is located on device /dev/cd1, and write the restored files to /data/myfiles.

Which is the correct command?

A. restvgfiles -f /dev/cd1 -r-s -d /data/myfiles ./myfs/test
B. restore -Tf /dev/cd1 -r -s -d /data/myfiles /myfs/test
C. restvgbackup -f /dev/cd1 -r-s -d /data/myfiles ./myfs/test
D. lsmksysb-f/dev/cd1 -r-s-d/data/myfiles ./myfs/test

Answer: C
Explanation:

QUESTION NO: 79

Which is a benefit of dynamic tracking of Fibre Channel devices?

A. I/O failures are prevented with Fibre Channel tape devices.
B. SAN changes are automatically detected.
C. SAN disk arrays are created with a common set of disk attributes.
D. NPIV support is added for all AIX Fibre Channel adapters.

Answer: B
Explanation:

QUESTION NO: 80

Which command displays from which disk the operating system was last booted?

A. last
B. bosboot
C. getconf
D. bootlist

Answer: C
Explanation:

QUESTION NO: 81

The AIX hosts node1 and node2 have Ethernet adapters, both named ent0, configured on the same network. Both are dedicated physical 1GB adapter ports in a Host Ethernet Adapter. Based on this information and the output shown for each node, what is the most likely cause of intermittent failures and slow communication between these adapters?

```
# node1:\ lsattr -El ent0
alt_addr        0x000000000000  Alternate Ethernet address                True
flow_ctrl       no              Request Transmit and Receive Flow Control  True
jumbo_frames    no              Request Transmit and Receive Jumbo Frames  True
large_receive   yes             Enable receive TCP segment aggregation     True
large_send      yes             Enable hardware Transmit TCP segmentation  True
media_speed     100_Full_Duplex Requested media speed                      True
multicore       yes             Enable Multi-Core Scaling                  True

# node2:\ lsattr -El ent0
alt_addr        0x000000000000  Alternate Ethernet address                True
flow_ctrl       no              Request Transmit and Receive Flow Control  True
jumbo_frames    no              Request Transmit and Receive Jumbo Frames  True
large_receive   yes             Enable receive TCP segment aggregation     True
large_send      yes             Enable hardware Transmit TCP segmentation  True
media_speed     100_Full_Duplex Requested media speed                      True
multicore       yes             Enable Multi-Core Scaling                  True
```

A. The jumbo_frarnes setting is 'no' and should be set to 'yes'.

B. The Multi-Core Scaling mode is enabled. Multi-Core Scaling is interfering with communications because the processor is too busy.

C. The Shared Ethernet Adapter does not have enough bandwidth to accommodate the network traffic.

D. The media speed is set differently on the adapters than the endpoints on the switch.

Answer: D

Explanation:

QUESTION NO: 82

A company has numerous LPARs hosting database servers, and three versions of the DBMS deployed in the environment. A critical APAR fixes data corruption for one version of the database, but it requires a server reboot. The only inventory information available is a spreadsheet with every LPAR's hostname and root password.

Which sequence of tasks will determine which servers are missing the critical APAR, and only apply it to the servers running the affected level of the database?

A. Use the spreadsheet to populate the /etc/hosts file on the management node.
Configure a NIM server that has the APAR in an lpp_source.
Force-register all of the LPARs with the NIM server.
Use NIM group operations to install the APAR and boot at a scheduled time.
B. Use the spreadsheet to create a dsh node list.
Use dsh with lslpp to create a node list for LPARs needing the APAR.
Use dcp and dsh to install the APAR and reboot.
C. Configure a Systems Director server using the spreadsheet import function.
Use the inventory function to discover the database level and APAR status.
Use the Update Manager to apply the APAR to the affected LPARs and reboot.
D. Use the spreadsheet to create a dsh node list.
Use dcp and dsh to install the APAR.

Use dsh to reboot the systems.

Answer: B
Explanation:

QUESTION NO: 83

Users on a server are receiving errors stating that they cannot fork any additional processes. The administrator checks server paging space and finds that it is only 5% used. What is the next most likely cause of the forking issue and what action should be taken to resolve it?

A. Corruption has occurred to the bos.rte.control fileset. Reinstall the fileset with the -f option.
B. The number of fixed licenses has been reached. Use 'chlicense' to increase the limit and reboot the system.
C. System requires additional table space as well as paging space. Check the table space and increase as required.
D. The system has the default maxuproc system attribute. This should be increased to a value appropriate for the environment.

Answer: D
Explanation:

QUESTION NO: 84

What is required to support VLANs in an AIX partition?

A. IEEE 802.1Q compatible adapter
B. Promiscuous mode disabled
C. IEEE 802.3ad compatible interface
D. QoS must be enabled

Answer: A
Explanation:

QUESTION NO: 85

How can administrators ensure that the Integrated Virtual Ethernet (IVE) adapters in their servers have the latest available firmware?

A. By upgrading the given IBM Power Systems server to the latest available system firmware.
B. By using inventory scout to query the installed firmware level against the available level.
C. By using either the managing HMC, SDMC or IVM to query and update the adapter firmware.
D. By using the lsmcode AIX command with the query flag.

Answer: A
Explanation:

QUESTION NO: 86

Why would the 'bffcreate -d /dev/cd0 -t/tmp/images all' command be run?

A. To create installation or update images of all software packages from media in /dev/cd0
B. To install all software packages from the media in /dev/cd0 that have prerequisites met on the system or in /tmp/images.
C. To make a file in /tmp/images that lists all of the software packages on media in /dev/cd0
D. To make a copy of all software in /tmp/images and store onto the writable media in /dev/cd0

Answer: A
Explanation:

QUESTION NO: 87

A server on the 165.x.x.x subnet is displaying network problems. The administrator uses a console connection and gathers the following information:

```
$ lsattr -El inet0
authm             65536                           Authentication Methods              True
bootup_option     no                              Use BSD-style Network Configuration True
gateway                                           Gateway                             True
hostname          host104                         Host Name                           True
rout6                                             IPv6 Route                          True
route             net,-hopcount,0,,0,165.253.253.1 Route                              True
route             net,-hopcount,0,,0,10.2.98.113   Route                              True
```

Which action will permanently resolve the issue?

A. Flush the routing table.
B. Run 'route del 10.2.98.113-f.
C. Modify/etc/routes and reboot the system.
D. Run 'chdev-I inet0-a delroute=net.-hopcount,0,,0.10.2.98.113'.

Answer: D

Explanation:

QUESTION NO: 88

Paging space on a system is almost entirely consumeD. What temporary solution can be used to prevent the system from sending SIGKILL to processes while the administrator performs more in-depth problem determination?

A. Use swapon to flush paging space entries to physical memory.
B. Use tuning commands to change the system behavior so it does not terminate processes
C. Increase the existing paging space.
D. Use tuning commands to set the page space kill threshold to 100%.

Answer: C
Explanation:

QUESTION NO: 89

In the following output, what do the ec and pc columns mean?

```
# vmstat 1 999

System configuration: lcpu=16 mem=1024MB ent=0.40

kthr     memory              page              faults              cpu
----- ----------- ------------------------ ------------ -----------------------
 r  b   avm   fre  re  pi  po  fr   sr  cy  in   sy  cs us sy id wa   pc    ec
 2  0 227201 15032  0   0   0   0    0   0   4  480 254 63  1 36  0  1.71 428.3
 1  0 227201 15032  0   0   0   0    0   0   2   43 253 63  1 36  0  0.75 188.7
 4  0 227201 15032  0   0   0   0    0   0   3  148 233 63  0 36  0  1.61 401.4
 2  0 227201 15032  0   0   0   0    0   0   2   20 127 63  0 36  0  1.62 404.5
 4  0 227201 15032  0   0   0   0    0   0   3   30 256 71  0 29  0  2.52 629.9
 0  0 227201 15032  0   0   0   0    0   0   3   47 264 60  1 39  0  0.91 226.4
 2  0 227201 15032  0   0   0   0    0   0  11   58 268 63  1 36  0  1.66 415.2
 3  0 227201 15032  0   0   0   0    0   0   2   46 275 64  0 36  0  2.17 542.3
 2  0 227201 15032  0   0   0   0    0   0   8   53 319 19  2 78  0  0.19  46.8
...
```

A. Program counter and entitled CPUs
B. Physical processors consumed and entitled capacity consumed
C. Processor count and extra cores
D. Pages compressed and elapsed context switches
E. Pool compression and external compression

Answer: B
Explanation:

QUESTION NO: 90

The/usr/sbin/clcmd command is not working as documented in an administrator's reference. How can the administrator determine if the command being run is at the same level as the command being referenced in the documentation?

A. Get the fileset name from Isipp-f, then check the level of the file set with lslpp-1.
B. Use Islpp-wto get the fileset name, then check the level of the file set with lslpp-1.
C. Use lslpp-1 to determine the fileset name and check the level.
D. Use Is-I to determine the last modified date of the command.

Answer: B
Explanation:

QUESTION NO: 91

Which command is used to change the reserve policy of a disk?

A. chdev
B. chpv
C. chvg
D. chattr

Answer: A
Explanation:

QUESTION NO: 92

How can an administrator determine if DLPAR operations can be performed for a specific LPAR?

A. Run the Isdlpar -partition command on the local HMC.
B. Run the IsrsrclBM.MCP command on the LPAR.
C. Run the Iparstat -dlpar command on the LPAR.
D. Run the rmcctrl -d command on the local HMC.

Answer: A
Explanation:

QUESTION NO: 93

An administrator wants to reorganize some of the logical volumes in the datavg volume group. What TWO things must the administrator verify before starting the reorganization? (Select 2)

A. Enough free physical partitions exist to accommodate the largest logical volume being reorganized.
B. At least one free physical partition exists.
C. That none of the logical volumes contain a paging space.
D. The logical volumes being reorganized are relocatable.
E. Quorum has been disabled for the volume group.
F. The volume group descriptor area (VGDA) has room to expand.
G. That any raw logical volumes being re-organized are closed.

Answer: B,D
Explanation:

QUESTION NO: 94

An AIX LPAR has been saved using the mksysb command to a file called LPAR1_mksysb located in the /backup directory. Which command displays the contents of the mksysb backup?

A. mksysb-v-f/backup/LPAR1_mksysb
B. restore -Tqf /backup/LPAR1_mksysb
C. listvgbackup -f/backup/LPAR1_mksysb
D. backup-i -v-f/backup/LPAR1_mksysb

Answer: C
Explanation:

QUESTION NO: 95

Which action will temporarily disable remote login access using telnet and ssh for all non-root accounts?

A. Update /etc/security/passwd and recycle the inetd subsystem.
B. Stop the sshd subsystem.

C. Create a/etc/nologin file.

D. Set the PermitLogins parameter in /etc/ssh/sshd_config and recycle the sshd daemon.

E. Touch the /etc/sshd/nologin file and recycle the sshd daemon.

Answer: C

Explanation:

QUESTION NO: 96

The/app1 filesystem in appvg did not mount due to a failure replaying jfslog1. Which command will reinitialize jfslog1?

A. resysnclvodm –vjfslog1

B. logform/dev/jfsiog1

C. synclvodm appvg jfslog1

D. format-d/dev/jfslog1

Answer: B

Explanation:

QUESTION NO: 97

Given the following lsdev output, which command will identify the underlying devices and network type of ent4 below?

root@server1:/#lsdev-l ent4 ent4 Available EtherChannel / IEEE 802.3ad Link Aggregation

A. lsdev-dev ent4 -attr

B. lscfg-vl ent4

C. cfgmgr-1|grepent4

D. lsattr-El ent4

Answer: D

Explanation:

QUESTION NO: 98

On a system that currently boots from hdisk0, what command will extend the boot order to include

hdisk1?

A. bootlist-ahdisk0 hdisk1
B. bosboot-M norm hdisk0 hdisk1
C. bootlist-m normal hdisk0 hdisk1
D. bosboot-e hdisk0 hdisk1

Answer: C
Explanation:

QUESTION NO: 99

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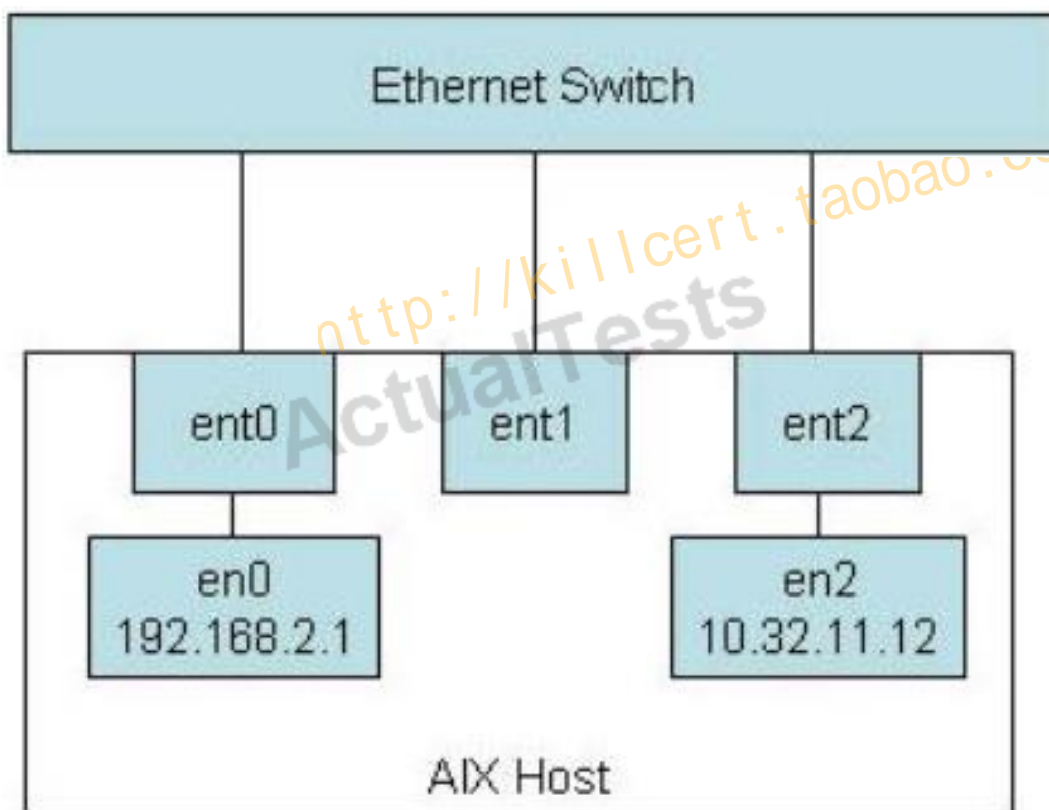
A. The ent0 and ent1 adapters must be connected to different switches to provide both additional bandwidth and adequate redundancy in the EtherChannel that is created.
B. EtherChannel support capability must be verified for the Ethernet switch.
C. The IP configuration must be removed from en0.
D. The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

Answer: B,C
Explanation:

QUESTION NO: 100

A system administrator wants to create a server with network redundancy and maximum I/O throughput over two Ethernet cards. Which option will support the requirement?

A. Create an 802.3ad Link Aggregation adapter backed by both Ethernet cards and cable to a switch with 802.3ad enabled ports.
B. Create a Network Interface Backup (NIB) with each Ethernet card being cabled to a different switch.
C. Create the file /etc/sysconfig/network-scripts/ifcfg-bond0 then edit the two ifcfg-ethX configuration files to add a master or slave option. Cable to two switches and use 802.3ad enabled ports.
D. Create a virtual adapter and assign it to the server, use both Ethernet adapters as backing devices to the virtual adapter with the mkvdev command. Have each adapter cabled to separate switches.

Answer: A
Explanation:

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QUESTION NO: 101

Which command, when issued from the HMC command line, will attempt to launch a virtual terminal session on lpar1, running on the sys1 managed system?

A. mkvterm-msys1 -p lpar1
B. crvterm-ssysy -r lpar1
C. startvt-h sys1 -l lpar1
D. startx-vt sys1 -p lpar1

Answer: A
Explanation:

QUESTION NO: 102

A failed disk has been replaced. The administrator wants to purge the references to the failure

from the AIX error. The errors reported had an SRN of 16F35C72. How can the old errors be removed from the error log?

A. errpt-d-j 16F35C72
B. errclear-j 16F35C72
C. errlogger-r-j 16F35C72
D. errmsg-d-j 16F35C72

Answer: B
Explanation:

QUESTION NO: 103

An administrator has used setsecattr to associate authorizations with an AIX commanD. The appropriate stanza has been added to the privileged commands database (/etc/security/privcmds). What must be done before the new authorization can be used?

A. Run the setkst command to update the kernel security tables.
B. Assign a new role that the authorization can be associated with and reboot.
C. Activate the change in the security database with the updateauths command.
D. Run the refreshsrc -g RBAC command to make the changes effective.

Answer: A
Explanation:

QUESTION NO: 104

Where is the file size limit for all users defined?

A. /etc/security/environ
B. /etc/security/limits
C. /etc/security/environments
D. /etc/environment

Answer: B
Explanation:

QUESTION NO: 105

A volume group is mirrored to two external storage systems. One of the storage systems is rebooted for maintenance.

After the storage system is up and available, Isvg shows a disk in a missing state:

```
datavg:

PV_NAME   PV STATE   TOTAL PPs   FREE PPs   FREE DISTRIBUTION
hdisk1    active     788         0          00..00..00..00..00
hdisk2    missing    788         0          00..00..00..00..00
```

What command will change the PV STATE from missing to active?

A. varyonvg
B. chpv
C. cfgmgr
D. chdev
E. syncvg

Answer: A
Explanation:

QUESTION NO: 106

Which action must be completed on the HMC when a partition is in a Recovery state?

A. Select Configuration and Restore partition data.
B. Select Recover Partition Data for the managed system.
C. Select Initialize Partition for the LPAR in Recovery state
D. Select Configuration and Rebuild Managed System.

Answer: B
Explanation:

QUESTION NO: 107

The /test1 filesystem was built larger than required. An effort to shrink the filesystem was made, but the resulting filesystem size is larger than the size specified. Given the following output, what is the most likely reason?

A. Fragmentation of the filesystem
B. The physical partition size
C. Amount of data in the filesystem
D. Volume group status
E. Options chosen with the df command

Answer: B
Explanation:

QUESTION NO: 108

What action will prevent the nfsd subsystem from activating at boot time?

A. Update /etc/inetd.conf to remove the call to startsrc for the NFS subsystem group.
B. Change the Action attribute from 'wait' to 'once' for the rcnfs line within the /etc/inittab.
C. Remove the /etc/exports file.
D. Amend the permissions of/etc/rc.tcpip file to remove execution rights.

Answer: C
Explanation:

QUESTION NO: 109

Which option will prevent users in the DBA group from logging in using telnet or rlogin?

A. Set the rlogin user attribute to 'false1 for each user in the DBA group.

B. Change the rlogin group attribute to 'false'.

C. Remove the users in the DBA group from the/.rhosts file.

D. Disable the automatic start up of the telnetd daemon.

Answer: A

Explanation:

QUESTION NO: 110

An AIX LPAR has virtual disks presented by a VIO Server and the administrator would like to determine the size of hdisk0. Which command will show this information?

A. Isdev

B. Iquervpv

C. Isattr

D. getconf

E. Iscfq

Answer: D

Explanation:

QUESTION NO: 111

A system is being taken from AIX 6 to AIX 7. Systems application and user data must be preserved. Which upgrade method will support this requirement?

A. Migration

B. Preservation

C. New and Complete Overwrite

D. NIM customization with a mksysb

Answer: A

Explanation:

QUESTION NO: 112

Why would an administrator need to change the type of a volume group (VG) to Scalable?

A. An application requires physical partition sizes larger than 512MB.
B. More than 128 physical volumes need to be added to the volume group.
C. Performance requirements dictate using per VG pbuf pools.
D. More than one log logical volume is needed in the VG.

Answer: B
Explanation:

QUESTION NO: 113

An administrator has noticed that root receives email every day, stating that the Electronic Service Agent (ESA) has not been configureD. The company does not use ESA and the administrator would like the daily emails to stop. How can this be achieved?

A. Use SMIT to configure the Electronic Service Agent.
B. Remove the entry generating the email from root's crontab.
C. Have an IBM SSR add the ESA keys to the HMC.
D. Order an MES for the system, specifying the feature code to refuse ESA.

Answer: A
Explanation:

QUESTION NO: 114

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. cldump with persistent option.

Answer: C
Explanation:

QUESTION NO: 115

An administrator would like to update a VIO Server (VIOS) to the latest maintenance level. Which command, run from the restricted shell, will update the operating system on VIOS?