IBM

Exam C4040-227

Associate AIX 7 Administration

Version: 9.1

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Topic break down

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Topic 1, Volume A

Question No : 1 - (Topic 1)

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

Question No : 2 - (Topic 1)

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

Question No : 3 - (Topic 1)

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**

Question No : 4 - (Topic 1)

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

Question No : 5 - (Topic 1)

A DLPAR memory operation was attempted and failed. Given the following information, what is the likely caused
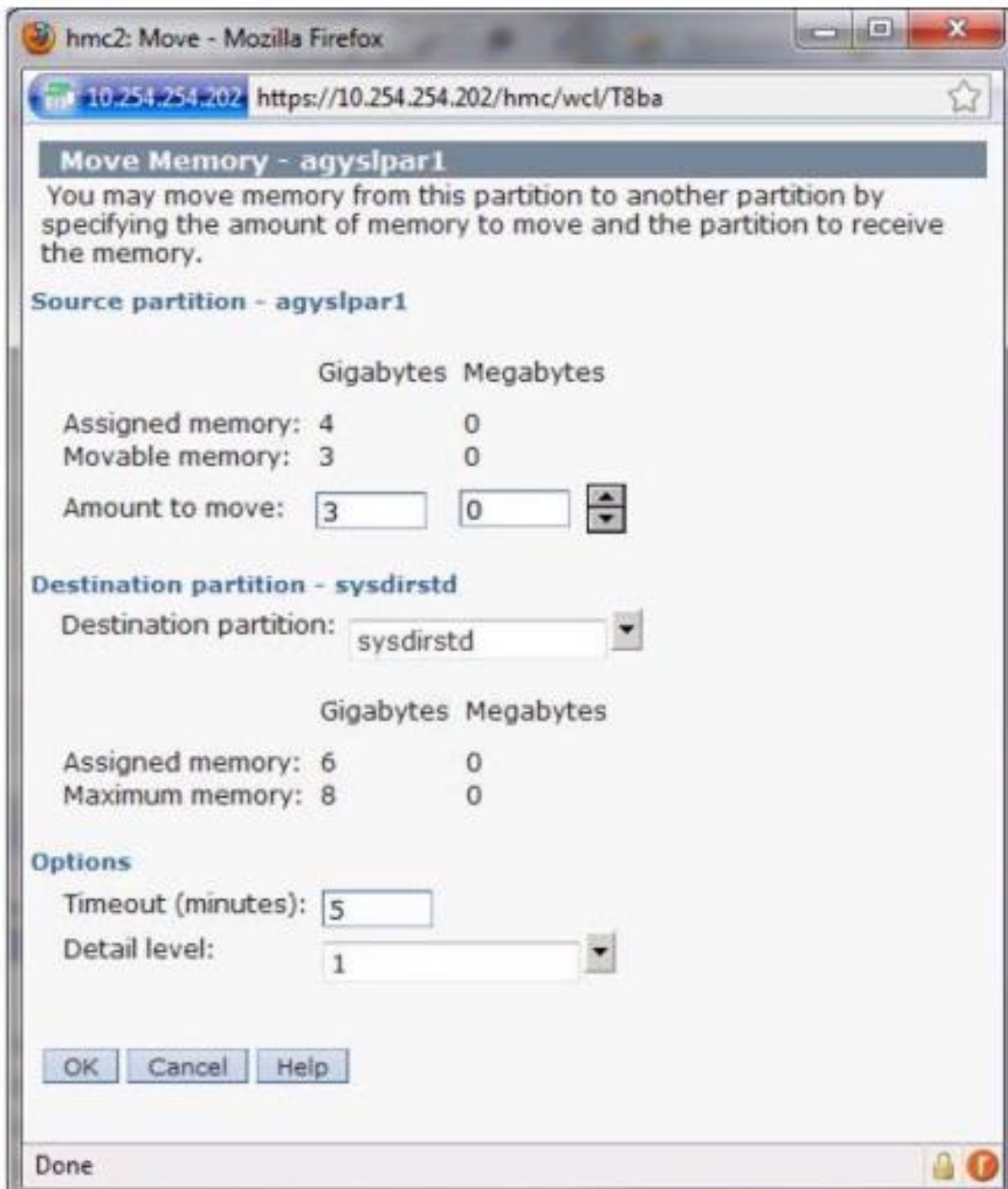
A. Source LPAR is using all of its allocated memory

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

Question No : 6 - (Topic 1)

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 -l command
B. Change AIX edition using chedition -e command
C. Change WPAR License using chwpar -l command
D. Change WPAR edition using chwpar-e command

Answer: B

Question No : 7 - (Topic 1)

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

Question No : 8 - (Topic 1)

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

Question No : 9 - (Topic 1)

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

Question No : 10 - (Topic 1)

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

Question No : 11 - (Topic 1)

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

Question No : 12 - (Topic 1)

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

Question No : 13 - (Topic 1)

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-I
D. vmo-L

Answer: D

Question No : 14 - (Topic 1)

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

Question No : 15 - (Topic 1)

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

Question No : 16 - (Topic 1)

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: B

Question No : 17 - (Topic 1)

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 'Isdev -I ent0' on the host to determine the port VLAN ID.
B. Use the command 'Isattr-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.