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**Vendor:**IBM

**Exam Code:**C9010-022

**Exam Name:**IBM AIX Administration V1

**Version:**Demo

### QUESTION 1

In the following graphic, the administrator created an additional paging space using smit mkps. The paging space is not active. What is necessary to start using the new paging space?

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

                                [Entry Fields]
volume group name                pgvg
SIZE of paging space (in logical partitions) [1024]
PHYSICAL VOLUME name
Start using this paging space NOW?      no
Use this paging space each time the system is
    RESTARTED?                          no
Checksum Size                        []
```

- A. Use swapon to activate the new paging space.
- B. Reboot the server to activate the new paging space.
- C. Vary on the pgvg volume group prior to creating the new paging space.
- D. Use chps with the -a y flag to activate the new paging space for immediate use.

Correct Answer: A

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### QUESTION 2

Given the this output of the lparstat -i\ command from an LPAR, which statement is true?

```
10.1.30.49 - PuTTY
Mode : Uncapped
Entitled Capacity : 0.40
Partition Group-ID : 32774
Shared Pool ID : 0
Online Virtual CPUs : 2
Maximum Virtual CPUs : 3
Minimum Virtual CPUs : 1
Online Memory : 4096 MB
Maximum Memory : 6144 MB
Minimum Memory : 2048 MB
Variable Capacity Weight : 128
Minimum Capacity : 0.10
Maximum Capacity : 1.00
Capacity Increment : 0.01
Maximum Physical CPUs in system : 16
Active Physical CPUs in system : 8
Active CPUs in Pool : 8
Shared Physical CPUs in system : 8
Maximum Capacity of Pool : 800
Entitled Capacity of Pool : 676
Unallocated Capacity : 0.00
Physical CPU Percentage : 20.00%
Unallocated Weight : 0
```

- A. There are 8 physical CPUs installed configured into 2 processor pools.
- B. All active CPUs are dedicated to this LPAR.
- C. There are 8 active CPUs available for sharing and another 8 active for dedicated use
- D. The LPAR can automatically use up to 8 physical CPUs.
- E. The LPAR can utilize processing capacity from any of the active CPUs.

Correct Answer: E

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### QUESTION 3

Which of the following is a requirement for a concurrent firmware update on a Power Systems server?

- A. The firmware must be upgraded to a new release.
- B. The Power Systems server must have a redundant FSP.

- C. The Power Systems server must be managed by an HMC.
- D. The primary partition must have all system resources assigned.

Correct Answer: C

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#### QUESTION 4

Based on the following output, what must be done if loglv1 name is changed to db2loglv?

```
# lsvg -l dbvg
dbvg:
LV NAME  TYPE      LPS  PPS  PVS  LV STATE  MOUNT POINT
loglv1   jfs2log   1    2    2    closed/syncd  N/A
db1v01   jfs2 128   256   2    2    closed/syncd  /exportfs/db01
```

- A. Run the chfs command to update /exportfs/db01 logging logical volume to db2loglv.
- B. Run the logform command to update the log format of db2loglv.
- C. Run the chlv command to update db1v01 logging logical volume to db2loglv.
- D. Run the chvg command to update volume group default logging logical volume to db2loglv.

Correct Answer: C

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#### QUESTION 5

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/netsvc.conf.
- D. Move the search definition to the beginning of the file

Correct Answer: B

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#### QUESTION 6

A user has found the keyboard backspace key will not delete text. How can the user set the keyboard backspace key to delete?

- A. splp-b
- B. Add " Backspace" to user .profile and re-logon activate
- C. Export LC\_CTYPE=BackSpace variable and run command stty-s
- D. stty erase ^?

Correct Answer: D

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#### QUESTION 7

An administrator is tasked with enhancing the data availability and I/O load balancing for an AIX 7.1 system attached to IBM storage.

Which action will satisfy the requirement?

- A. Set the correct host type on the storage array and match the failover settings on the AIX instance.
- B. Adjust the health check interval attribute for each hdisk presented from the storage array.
- C. Install the appropriate path control module to work in conjunction with the native MPIO driver.
- D. Remove the native MPIO driver and replace with the appropriate path control module.

Correct Answer: B

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### QUESTION 8

Which Korn shell syntax is used to assign the directory of the called script to a variable called mydir?

- A. mydir=\$(dirname \$0)
- B. \$mydir=\$(dirname \$0)
- C. mydir=\${dirname @\$}
- D. mydir=\$(dirname \$?)

Correct Answer: A

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### QUESTION 9

Why has the following message returned when creating a NIM lpp\_source from a the AIX 7100-02-01 Service Pack?

```
# nim -o define -t lpp_source -a server=master -a
  location=/export/lpp_source/aix7100-02-01 aix7100-02-01
Preparing to copy install images (this will take several minutes)...
```

```
Now checking for missing install images...
```

```
warning: 0042-267 c_mk_lpp_source: The defined lpp_source does not have the
"simages" attribute because one or more of the following
packages are missing:
```

```
    bos
    bos.net
    bos.diag
    bos.sysmgt
    bos.terminfo
    bos.terminfo.all.data
    devices.graphics
    devices.scsi
    devices.tty
```

- A. The lpp\_source was not created using base media.
- B. A source repository was not included in the command.
- C. The bos.rte fileset was not included in the lpp\_source.
- D. The simage attribute was not specified in the command

Correct Answer: A

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#### QUESTION 10

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

Correct Answer: A

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#### QUESTION 11

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 lspp command to identify downlevel filesets contained in the lpp\_source.

Correct Answer: D

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#### QUESTION 12

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

Correct Answer: C