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Vendor:IBM

Exam Code:A4040-221

Exam Name:Assessment: AIX 7 Administration

Version:Demo

QUESTION 1

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

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

Correct Answer: A

QUESTION 2

An administrator needs to replace a failing hard disk, hdisk0, in a mirrored rootvg. After removing the mirror from hdisk0, the administrator cannot remove hdisk0 from the rootvg due to one logical volume still remaining on the failing hard disk, as described below.

How can this issue be resolved?

```
# lspv
hdisk0      00f6acc067ad4e25      rootvg      active
hdisk1      00f6acc05a31b174      rootvg      active

# lspv -l hdisk0
hdisk0:
LV NAME      LPs      PPs      DISTRIBUTION      MOUNT POINT
lg_dumplv    32       32       00..32..00..00..00      N/A
```

- A. migratepv hdisk0 hdisk1
- B. migrateiv lg_dumplv hdisk1
- C. mkivcopy lg_dumplv hdisk1
- D. mirrorvg -l lg_dumplv hdisk0 hdisk1

Correct Answer: A

QUESTION 3

Which tool or function can minimize the impact of planned operating system downtime on active workloads?

- A. Integrated Visualization Manager
- B. Live Application Mobility
- C. Partition Flexibility Mirror
- D. Dynamic Hosting Environment
- E. Micro-Partitioning
- F. Live Partition Mobility
- G. Shared Storage Pools

Correct Answer: B

QUESTION 4

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.

Correct Answer: D

QUESTION 5

Which TWO components of IBM Systems Director are included in a new installation of a AIX 7.1? (Select 2)

- A. Common Agent
- B. Interface Agent
- C. Distributed Agent
- D. Platform Agent
- E. Management Agent
- F. Update Agent
- G. Compliance Agent

Correct Answer: AD

QUESTION 6

An administrator needs to update both VIO Servers in a dual VIO Server environment. Prior to updating the first VIO Server, what action should be taken on the vSCSI client partitions to ensure they have access to the disk hosted from the second VIO Server?

- A. Verify that the path to the disk is active using ispath.
- B. The map of the VIO Server environment must be verified with ismap.
- C. The secondary path must be manually redesignated as the primary using chpath.
- D. A snapshot of the disk on the first VIO Server must be compared with the second using viosbr.

Correct Answer: A

QUESTION 7

The first line of a script is: `#!/usr/bin/perl`

What will this do when the script is run?

- A. It will interpret the script using Perl.
- B. It will load environment variables in the `/usr/bin/perl` file.
- C. It will execute the file `/usr/bin/perl` before executing the script.
- D. It will set the value of the "perl" environment variable to the empty string

Correct Answer: A

QUESTION 8

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 9

From which location can an administrator update system firmware?

- A. The Systems Management menu on the ASMI

- B. The IBM Support directory in the service partition
- C. The Updates menu on the HMC
- D. The NIM server update menu

Correct Answer: C

QUESTION 10

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                       [0x00000000000000]
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 11

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

Correct Answer: CD

QUESTION 12

With regard to GLVM mirroring, which of the following is a true statement?

- A. Mirrored locations are limited to being 254 miles apart
- B. Data mirroring is performed over standard TCP/IP networks
- C. GLVM requires any hosted database applications to be mirror-tolerant.
- D. Production and backup sites must use the exact same model of IBM Power System server

Correct Answer: A