A4040-221^{Q&As}

Assessment: AIX 7 Admininstration

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QUESTION 1

Which command creates an application WPAR?

A. mkwpar

B. wparexec

C. crwpar

D. wparcreate

Correct Answer: B

QUESTION 2

An administrator has issued the command to start IBM Systems Director server. The administrator wants to view the changing status to see when it becomes active. How can this be accomplished?

A. smcli-check

B. isdstat-m

C. smstatus-r

D. lwistat-c

Correct Answer: C

QUESTION 3

The following verification routine is part of a script used to automate cloning rootvg. This routine determines which disks are available for use. Applying the logic, what configuration of disk would be selected by the script as a candidate?

```
#!/bir/ksh
CLONING_DISKS=`lspv|awk {'print S1'}`
DISKCOUNT=0
DISTSTOUSE=
echo '\nclone_rootvg started `date`."
for i in $CLONING_DISKS
do
    DISKCHECK=`lsdev -l ${i}|grep -i -E "sas|scsi"`
    DISKINUSE=`lspv|grep ${i}|awk {'print $3'}|grep -E "None|altinst_rootvg"`
    if [ -z "$DISKCHECK" ] || [ -z "$DISKINUSE" ]
        then
                echo "Disk ${i} is already inuse. Checking others..."
    else
                DISKTOUSE="$DISKTOUSE $i"
                DISKCOUNT=`expre $DISKCOUNT + 1`
    fi
done
```

A. A SAN disk virtualized by NPIV.

B. A local physical SAS drive, currently a member of the vg00 volume group.

C. A physical SATA disk drive, currently containing the altinst_rootvg volume group.

D. A SAN disk virtualized as a Virtual SCSI disk, currently not part of a volume group

Correct Answer: D

QUESTION 4

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 and one as backup with hash mode roundrobin

D. Configure both adapters with Quality of Server (QoS) adapters and configure virtual IP address on interfaces

Correct Answer: A

QUESTION 5

The administrator cannot ping the hostname of any system on the local network, including LPARs in the same managed system that have virtual Ethernet adapters configured on the same subnet and VLAN. What is the most likely cause of this problem?

A. The Ethernet cable from the system to the switch is disconnected or faulty.

B. The Shared Ethernet Adapter in the Virtual I/O Server in the managed system has a problem and is not passing communication between virtual adapters and the network.

C. The routing table has been flushed on the host and the default route is no longer configured.

D. DNS is disabled and the /etc/hosts file on the host does not contain the addresses for the hostnames that are being pinged.

Correct Answer: D

QUESTION 6

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.

Correct Answer: C

QUESTION 7

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 8

How can an administrator use the logical volume information returned by the lslv -m command?

A. To determine the amount of available (unused) space in the logical volume

B. To determine which physical partitions are free for use by the logical volume

C. To determine which physical partitions are allocated to the logical volume

D. To determine the current state of the logical volume

Correct Answer: C

QUESTION 9

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

A. mklv -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 10

An LPAR has 32 CPUs, and is reporting hundreds of page-ins and page-outs per seconD. At what level of paging should the administrator become concerned?

A. Above the size of the paging space size in 4KB pages

B. Above 50 pages per second

C. Above 10 pages per CPU per second

D. Above 10 pages per GB of allocated memory per second

E. Above the number of paging space disks

Correct Answer: C

QUESTION 11

After successfully mirroring rootvg using the mirrorvg command, why must the bosboot command be run against the

introduced disk?

A. To update the boot list held in NVRAM

B. To record from which disk the system will boot

C. To customize the bootrec of the newly mirrored drive

D. To synchronize the boot record between the mirrored drives

Correct Answer: C

QUESTION 12

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

Correct Answer: B

QUESTION 13

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 14

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\\');

Correct Answer: B

QUESTION 15

Which standard filesystem is temporarily used by the mksysb backup process?

A. /mnt

B. /tmp

C. /usr/tmp

D. /var/ras/tmp

Correct Answer: D

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