

IBM

Exam C9010-022

IBM AIX Administration V1

Verson: Demo

[Total Questions: 10]

Topic break down

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Topic 1, Volume A

Question No : 1 - (Topic 1)

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

Question No : 2 - (Topic 1)

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 out in the /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

Topic 2, Volume B

Question No : 3 - (Topic 2)

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

Question No : 4 - (Topic 2)

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 -E1 ent0
alt_addr      0x0000000000000000  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 -E1 ent0
alt_addr      0x0000000000000000  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_frames 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

Question No : 5 - (Topic 2)

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

Topic 3, Volume C

Question No : 6 - (Topic 3)

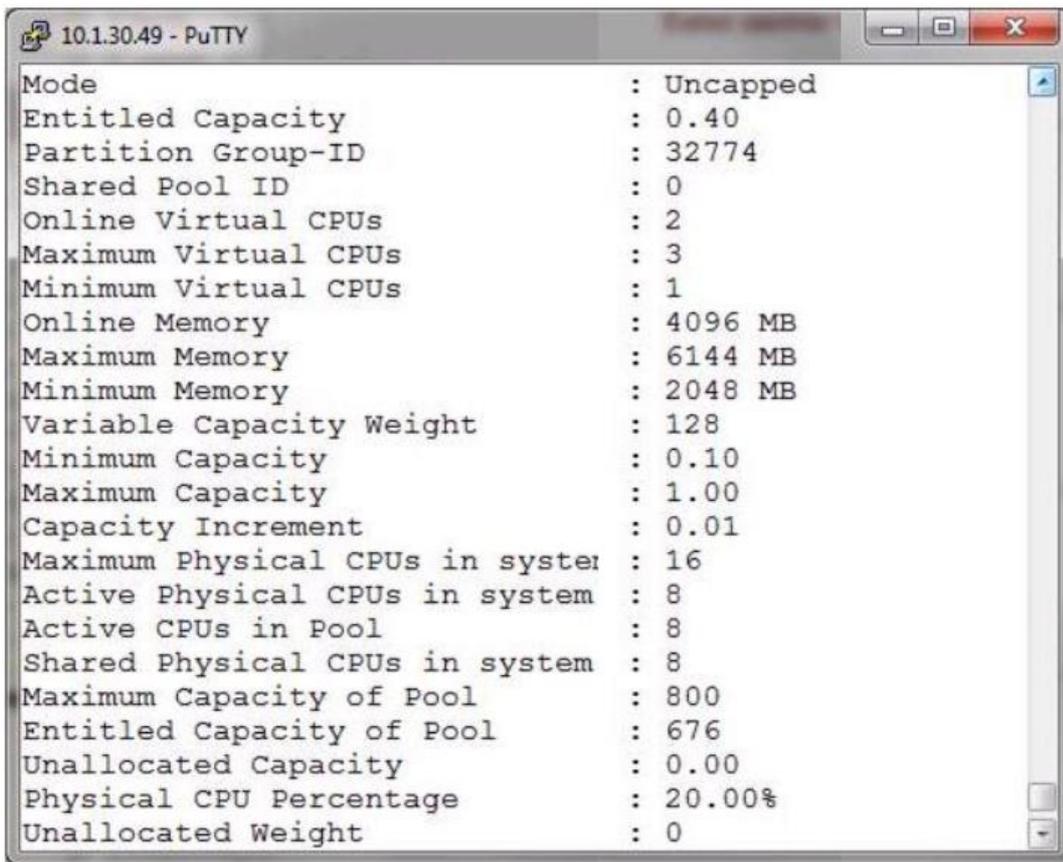
An administrator has noticed that root receives email every day, stating that the Electronic Service Agent (ESA) has not been configured. The company does not use ESA and the administrator would like the daily emails to stop. How can this be achieved?

- 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

Question No : 7 - (Topic 3)

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.

Answer: E

Question No : 8 - (Topic 3)

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

Question No : 9 - (Topic 3)

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.

Answer: D

Topic 4, Volume D**Question No : 10 - (Topic 4)**

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

- A.

```
mkiv -y cdv -L /dev/cdv rootvg 4500M hdisk0
cp /images/71_DVD1.iso /dev/cdv
mount -v cdrfs -o ro /dev/cdv /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.

```
mount -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

Answer: D