

# IBM

## Exam C4040-100

### Enterprise Technical Support for AIX and Linux

Version: 3.8

[ Total Questions: 95 ]

**Question No : 1**

A Power 570 is planned to run with a dual VIOS environment. The VIOS should be equipped for maximum resilience to provide LUN access to both VIO servers. What are the minimum requirements?

- A. Two dual port adapters
- B. Four dual port adapters
- C. Four single port adapters
- D. Two single port adapters

**Answer: C**

**Question No : 2**

A customer is trying to configure a Shared Ethernet Adapter (SEA) on a Logical Port Host Ethernet (lp-hea) using `mkdev -sea ento -vadapter ent2 -default ent2 -defaulted 1` and receive this response:

0514-040 Error initializing a device into the kernel. What can be the cause of this problem?

- A. A SEA can only be created on a physical network adapter
- B. Promiscuous mode on the virtual Ethernet adapter ent2 must be set to "On" from the HMC
- C. Promiscuous mode on lp-hea ent0 must be set to "On" from the HMC
- D. SEA must be a default VLAN other than 1

**Answer: C**

**Question No : 3**

A customer has ordered a Power 570 with only 4 dual port fiber cards. Which configuration would allow 4 LPARs on this server to have multiple paths, with no single point of failure, for each SAN connection?

- A. One VIO server mapping disks using dual virtual SCSI adapters from the 4 adapters
- B. Dual VIO servers with 2 cards per server and mapping via virtual SCSI adapters
- C. Assign each LPAR 2 fibre ports, each from a different fibre adapter
- D. Assign each LPAR a fibre card and ensure each port is mapped to a separate fiber

switch

**Answer: B**

**Question No : 4**

A customer is migrating from dedicated LPARs to a virtualized environment utilizing PowerVM I/O features. They have created their profiles for their two virtual I/O (VIO) servers. The first VIO server is installed and running. When trying to DLPAR the DVD-ROM the task fails on the HMC. What is the probable cause?

- A. /etc/hosts table on HMC is not configured
- B. PowerVM key is not registered
- C. Virtual I/Oserver does not support DLPAR
- D. Networking is not configured

**Answer: D**

**Question No : 5**

An AIX System administrator noticed that a TUNE\_RESTRICTED error appeared in the error log. What is the reason for this error?

- A. A restricted tunable has been changed from the default value and the system was rebooted
- B. A system attribute, pre610tune, was set to "true"
- C. Someone tried to break the rule not to change /etc/tunables/nextboot
- D. A restricted tunable has been changed from the default value

**Answer: A**

**Question No : 6**

A customer has a Power 570 and has sent the following vmstat output to analyze:

Exhibit:

```
b avm fre re pi po fr sr cy in sy cs us sy id wa pc ec 0 0 70722 10604 0 0  
0 0 0 0 2 58 145 0 1 99 0 0 0 1 4 0 0 0 70722 10604 0 0 0 0 0 6 14 142 0 1 99 0 0 0 1 0 0 0 70722 10604 0 0 0 0 0 1 29 149 0 0 99 0 0 0 0 0 90 0  
70722 10604 0 0 0 0 0 9 106 1 4 9 1 9 0 0 0 1 3 7 8 70722 10604 00000029 147 01 99 0 0 01 1 1  
b avm fre re pi po fr sr cy in sy cs us sy id wa pc ec 0 0 70722 10604 0 0  
0 0 0 0 2 58 145 0 1 99 0 0 0 1 4 0 0 0 70722 10604 0 0 0 0 0 6 14 142 0 1 99 0 0 0 1 0 0 0 70722 10604 0 0 0 0 0 1 29 149 0 0 99 0 0 0 0 0 90 0  
70722 10604 0 0 0 0 0 9 106 1 4 9 1 9 0 0 0 1 3 7 8 70722 10604 00000029 147 01 99 0 0 01 1 1
```

What should be recommend to the customer?

- A. The system doesn't need additional hardware
- B. The system needs additional network cards
- C. The system needs additional memory
- D. The system needs additional CPU

**Answer: A**

**Question No : 7**

What command is used to create an application Workload partition?

- A. crwpar
- B. wparexec
- C. mkwpar
- D. mkappwpar

**Answer: B**

**Question No : 8**

Which command should be used to permanently configure an additional network interface?

- A. ifconfig
- B. C smitty chinet
- C. mkdev
- D. Smitty mktcpip

**Answer: B**

**Question No : 9**

Which command provides output for mixed page sizes?

- A. mpstat
- B. svmon -P
- C. vmstat -o
- D. lvmstat -m

**Answer: B**

**Question No : 10**

Which tool is the most cost and time effective for specifying adapter placement on new orders?

- A. Tivoli Provisioning Manager
- B. System Planning tool + Workload estimator
- C. System planning tool
- D. HMC

**Answer: C**

**Question No : 11**

After installing the Virtual 10 server, what is the next step to enable the Integrated Virtualization Manager?

- A. Accept license, configure TCP/IP using mktcpip, set up integrated virtualization manager by executing mkivm and then connect to the IP using HTTP
- B. Accept license, configure TCP/IP using mktcpip, set up integrated virtualization manager by executing mkivm and then connect to the IP using HTTPs
- C. Accept license, configure TCP/IP and connect to the given IP address with HMC
- D. Accept license, configure TCP/IP and connect to the given IP address with a browser using HTTPs

**Answer: D**

**Question No : 12**

A customer wants to use Live Partition Mobility for system maintenance. What is the minimum requirement?

- A. PowerHA
- B. VirtualI/O server 1.4
- C. PowerVM Enterprise Edition
- D. PowerVM Standard Edition

**Answer: C**

**Question No : 13**

A volume in AIX 6.1 with only JFS2 filesystems is causing a lot of memory caching. How can this be reduced?

- A. Turn off logging for the JFS2 filesystem
- B. Turn on concurrent I/O (CIO)
- C. Change the pagesteal parameters (max\_client)
- D. Change the minperm parameter

**Answer: B**

**Question No : 14**

The database administrator notifies the technical support team that disk 10 is causing performance problems. Where should technical support begin their investigation?

- A. Use svmon to identify the busiest disks and then lspv to determine which logical volumes store data there
- B. Use mvstat to determine which disks are causing the problem
- C. Use iostat to determine which disks are causing the problem
- D. Examine volume group information with lsvg to verify that the number of used disks is even

**Answer: C**

**Question No : 15**