



IBM

C4040-109

*Virtualization Technical Support for AIX and Linux
V2*

QUESTION: 168

A Power Systems server is configured with a VIO server and several client LPARs. The administrator wants to use the padmin user to create a script, which will run on the VIO server to back it up to a remote system. Script output must be collected. How can this be achieved?

- A. Create a backup script in /home/padmin Run the script redirecting stdout and stderr to a log file
- B. Create a backup script in /usr/ios/cli Run "crontab -e root" to configure root to run it and redirect the output
- C. Create a backup script in /home/padmin Use ssh from a remote system to run the script and capture the output on the remote system.
- D. Create a backup script in /usr/ios/cli Use the "script" command in the shell program, to collect the output.

Answer: C

QUESTION: 169

An administrator has configured a system to provide resilient networking through the use of SEA failover. The administrator wants to know if the SEA for one VIO server, ent10, is the active adapter. Which of the following commands could the administrator use to determine the status of ent10?

- A. entstat-netent10
- B. lsmmap-net-devent10
- C. seastat-liststatent10
- D. netstat -cdlistats ent10

Answer: D

QUESTION: 170

During a Live Partition Mobility action, the network on one of the MSPs fails and an error is shown. Checking the HMC, the administrator sees the following:

Select	Name	ID	Server	Status	Processing Units	Memory (GB)	Active Profile	Environment
<input type="checkbox"/>	DIRECTOR	4	p650-SN106629E	Running	1	4	default	AIX or Linux
<input type="checkbox"/>	mobile	5	9117-MMA-SN100F6A0-L9	Migrating - Not Activated	0.3	7	remote_mobile	AIX or Linux
<input type="checkbox"/>	mobile	5	9117-MMA-SN101F170-L10	Migrating - Running	0.3	7	remote_mobile	AIX or Linux
<input type="checkbox"/>	mobile2	2	9117-MMA-SN101F170-L10	Not Activated	0.3	2	mobile2_default	AIX or Linux

What is the current state of the source LPAR?

- A. Running and accessible as normal
- B. Running but inaccessible via network
- C. Running but with read-only SAN connectivity
- D. Running but in a restricted state

Answer: A

QUESTION: 171

An administrator has a Power 720 with 64GB of memory and Active Memory Expansion (AME). An LPAR has only 10GB of memory available and an application has been sized at 15GB of memory. The administrator runs amepat to determine an efficient expansion factor. Based on the output, an expansion factor of 1.6 has been chosen. How should this be configured in the LPAR?

- A. Enter 16GB as 'desired', enter 1.6 in the Active memory expansion factor field.
- B. Enter 10GB as 'desired', enter 1.6 in the Active memory expansion factor field.
- C. Enter 10GB as 'desired' and modify/etc/ame.conf with AME_RATIO=1.6.
- D. Enter 16GB as 'desired' and modify/etc/ame.conf with AME_RATIO=1.6.

Answer: B

QUESTION: 172

How can SMT be temporarily disabled at the next boot of a Linux LPAR?

- A. Update/proc/cpuinfo special device file.
- B. Use the ppc64_cpu command.
- C. Set linux smt-enabled=off at the boot: prompt.
- D. Use the smtctl command.

Answer: C

QUESTION: 173

What configuration change must be made on a Power Systems server to allow a Host Ethernet Adapter (HEA) to be used as part of a Shared Ethernet Adapter (SEA) on a Virtual I/O Server?

- A. The HEA port must be set to promiscuous mode.
- B. Set the HEA Port Group Multi-Core Scaling value to 1.
- C. Enable 802.11Q protocol on the HEA port that will be assigned to the SEA.
- D. Set the "Allowable VLAN IDs" to the PVID of the VIOS Virtual Ethernet Adapter.

Answer: A

QUESTION: 174

Which of the following is required when configuring an LPAR that will later be used for Live Partition Mobility?

- A. All physical I/O must be allocated as "Desired" in LPAR properties
- B. Virtual Fibre Channel adapters must be marked as "Desired".
- C. Virtual Ethernet adapters must be configured as EtherChannels.
- D. Virtual SCSI adapters must be marked as "Desired".

Answer: A

QUESTION: 175

A company wants to migrate an existing x86 Linux CRM and database environment from a large cluster of servers to a Power 750 server. How can they perform this with minimal costs and rapid deployment?

- A. Create virtual LPARs with Linux and migrate the applications, porting the x86 applications to Power.
- B. Create virtual LPARs with Linux and migrate the applications to IBM Middleware for Linux.
- C. Create virtual LPARs with Linux and install the applications using PowerVM Lx86.
- D. Create virtual LPARs with Linux and install the applications using VMware.

Answer: C

QUESTION: 176

As a result of an acquisition, an administrator is planning to consolidate some single-LPAR POWER6 520 servers onto an existing POWER7 server. The administrator is attempting to make these 520 systems HMC-managed. The network connection between the 520 system and an existing operational HMC have been verified and checked. However the POWER6 machines fail to appear on the HMC panels. What is the most likely resolution for this issue?

- A. The POWER6 boxes need to be reset back to factory defaults.
- B. The Flexible Service Processor (FSP) needs to be reset on each POWER6 520.
- C. Upgrade to either PowerVM Standard or Enterprise edition.
- D. Power cycle the physical system.

Answer: B

QUESTION: 177

A system is being designed with redundant VIO servers which will each support networking and storage for 17 client partitions. What is the minimum quantity of adapters needed to support the networking and storage requirements?

- A. 1
- B. 2
- C. 4
- D. 8

Answer: B

QUESTION: 178

An administrator would like to create AIX 5.2 Workload Partitions (WPARs) on a new POWER7 system. Which of the following is the minimum needed to achieve this?

- A. PowerVM Enterprise Edition AIX 5.2 Workload Partitions for AIX
- B. PowerVM Standard Edition WPAR Manager 2.1
- C. AIX 7.1 Express Edition AIX 5.2 Workload Partitions for AIX
- D. AIX 7.1 Enterprise Edition WPAR Manager 2.1

Answer: A

QUESTION: 179

An administrator has configured NTP on the HMC using the hostname of a public NTP server and restarts the HMC. When the /var/log/ntp file is checked, the synchronization with the time server has not occurred. What is the most likely cause?

- A. The firewall needs to be opened for xntp.
- B. The "chhmc -c xntp -s start" command needs to be run.
- C. The time server needs to be specified by IP address on an HMC.
- D. NTP has been configured on the private network.

Answer: A

QUESTION: 180

An application requires 40GB of memory, but only 20GB of memory can be allocated to the partition. What Active Memory Expansion factor should be set for the Hypervisor to target

40GB of memory?

- A. 2.0
- B. 200
- C. 0.5
- D. 20

Answer: A

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