

IBM 000-330

**000-330 Power Systems Technical Support for AIX
and Linux
Practice Test
Version 2.7**

QUESTION NO: 1

Your Company has an 8-core POWER6 570 with 4 active processors. They have dedicated partitions. They have occasional need for additional CPU capacity. They do not want permanent activations and want to have monthly post billing for usage. What type of CoD best meets their requirements?

- A. UtilityCoD autonomically provides additional processor performance on a temporary basis.
- B. Capacity Upgrade on Demand (CUoD) allows you to purchase additional processor capacity and dynamically activate it when needed.
- C. TrialCoD allows short term processor and memory activations.
- D. On/OffCoD enables processors to be temporarily activated in full-day increments as needed.

Answer: D

QUESTION NO: 2

The System Assurance process should be conducted in 2 phases. When does IBM recommend that a phase 2, Pre-Installation review be conducted?

- A. It should be conducted two to three days prior to shipping.
- B. It should be conducted two to three days after the solution/system arrives on site.
- C. Is not required, as long as phase 1 was conducted and no significant porting, moving, or site preparation tasks will be required.
- D. It should be conducted at least one to two weeks prior to shipping, earlier if significant porting, moving, or site preparation tasks are required.

Answer: D

QUESTION NO: 3

Which of the following must be used when implementing Partition Mobility?

- A. Shared Ethernet adapter
- B. Dedicated Ethernet adapter
- C. Integrated Virtual Ethernet Adapter
- D. Integrated Ethernet adapter

Answer: A

QUESTION NO: 4

DLPAR in an AIX environment allows selected system resources, such as processors, memory, and I/O components, to be added and removed under which of the following conditions?

- A. On CoD compatible systems
- B. After stopping the affected partitions
- C. During normal operations
- D. When I/O components are virtualized

Answer: C

QUESTION NO: 5

Which of the following is included with AIX for management of individual servers?

- A. System Management Interface Tool (SMIT)
- B. IBM Management Edition
- C. Tivoli AIX Director
- D. Systems Director for AIX

Answer: A

QUESTION NO: 6

Your Company has several POWER4 servers. An application running on one requires increased processing capacity without incurring downtime. Which of the following supports these requirements?

- A. Utility Capacity on Demand
- B. Load Leveler
- C. Live Application Mobility
- D. Live Partition Mobility

Answer: C

QUESTION NO: 7

Your Company is considering a second Power 595 for a separate disaster recovery site. Which of the following CoD offerings is most applicable in this environment?

- A. Utility
- B. On/Off

- C. Capacity Backup
- D. Recovery

Answer: C

QUESTION NO: 8

An electric company requires a low-cost POWER6 solution for their data warehouse application. The requirements dictate a rack system that can start small and grow over time to an 8-core, 256 GB RAM and supporting at least 28 adapters. Which of the following addresses the customer requirements?

- A. A 2-core 520 system with I/O drawers
- B. A 2-core 575 system with I/O drawers
- C. A 2-core 570 system with I/O drawers
- D. A 2-core 550 system with I/O drawers

Answer: D

QUESTION NO: 9

Which of the following describes the PowerVM Lx86 feature as it relates to 32-bit x86 Linux applications?

- A. Runs without requiring clients or ISVs to install the latest PTFs
- B. Runs after recompiling the code with a currently supported compiler
- C. Runs in 64-bit emulation mode
- D. Runs without requiring clients or ISVs to recompile the code

Answer: D

QUESTION NO: 10

The concurrent kernel maintenance feature of AIX 6.1 enables customers to do which of the following?

- A. Upgrade to next Release of AIX
- B. Install fixes without a reboot
- C. Upgrade to latest Service Pack
- D. Upgrade to latest TL of AIX

Answer: B

QUESTION NO: 11

Which of the following documents describe warranty and operating system environment requirements for the Power Systems servers?

- A. IBM Solution Design Redbooks
- B. IBMconfigurator for e-business
- C. IBM Power Systems announcement letters
- D. IBM Power Systems service handbook

Answer: C

QUESTION NO: 12

A mid market customer wants to compare Power Systems performance to HP PA-RISC performance from a complete systems perspective. Which performance metric should be used?

- A. SPECint 2006
- B. SWAP
- C. RPE2
- D. rPerf

Answer: C

QUESTION NO: 13

Which of the following allows partitions to communicate with each other without the need for dedicated physical Ethernet cards?

- A. Link Aggregation
- B. Virtual IP Addressing (VIPA)
- C. Virtual Ethernet
- D. MultiPathing

Answer: C

QUESTION NO: 14

Which of the following statements is true regarding upgrading from the PowerVM Standard Edition to the PowerVM Enterprise Edition?

- A. It is a disruptive upgrade
- B. It requires installation of the latest edition of HMC firmware
- C. It requires installation of additional server firmware
- D. It is a non-disruptive upgrade

Answer: D

QUESTION NO: 15

A technical architect is designing a clustered database infrastructure for a very large database. What advantages would using fewer 570 systems have over using many 1U non-IBM servers?

- A. The software for the project could be acquired during promotional periods where the customer only pays licensing fees for some of the cores on each POWER6 chip.
- B. Lower initial system cost, resulting in an over-all project savings.
- C. 570 systems allow the infrastructure to scale-up as well as scale-out, resulting in less fragmented resources and better system utilization.
- D. 570 systems run Linux as well as AIX, so all of the Free and Open Source Linux clustering software is available.

Answer: C

QUESTION NO: 16

Which of the following most accurately describes dynamic processor deallocation?

- A. The Hypervisor allocates equivalent processor capacity from other cores, moves the workload, then deallocates the failed processor.
- B. The service processor deallocates failed processors in increments of 0.01 processing units.
- C. The processor is dynamically de-allocated and its processes and cache registers are reassigned to available processors.
- D. The Hypervisor dynamically redistributes the data from the de-allocated processor to other processors in the system.

Answer: A

QUESTION NO: 17

How many micro-partitions are supported per physical processor?

- A. 10
- B. 100
- C. 254
- D. 20

Answer: A

QUESTION NO: 18

On a recent sales call, Your Company stated that they needed to increase the capacity of their IBM servers running Oracle databases. Which tools can be used to assist in determining a new system?

- A. System Planning Tool
- B. IBM Power Systems Performance Report
- C. The IBM Sizing Questionnaires
- D. eConfig from IBM

Answer: C

QUESTION NO: 19

Which of the following is the appropriate disk configuration for an application that requires faster writes over availability?

- A. RAID 5
- B. RAID 1
- C. RAID 0
- D. RAID 6

Answer: C

QUESTION NO: 20

The improved latency of the Integrated Virtual Ethernet Adapter (IVE) can be attributed to which of the following?

- A. Direct connection to Virtual Memory Manager (VMM)
- B. Direct connection to PCIe Bus