

**IBM 000-978**

**Power Systems with POWER7 and IBM i Sales Skills -  
v1  
Version: 5.2**

**Topic 1, Volume A****QUESTION NO: 1**

Which IBM external storage subsystem model can be natively attached to an IBM i partition?

- A. DS8000
- B. DS5500
- C. DS4500
- D. DS4700

**Answer: A**

**Explanation:**

**QUESTION NO: 2**

Which of the following describes IBM i DB2 reliability?

- A. DB2 is integrated throughout IBM i which results in a more dependable system.
- B. DB2 Enterprise Edition for IBM i contains programming interfaces designed to prevent data and hardware error conflicts.
- C. The simplified database design of DB2 on IBM i creates seamless compatibility between table data and hardware technology.
- D. DB2 within IBM i uses referential integrity to prevent incomplete database transactions, resulting in a high degree of database stability.

**Answer: A**

**Explanation:**

**QUESTION NO: 3**

A customer is replacing their current system running 5250 applications with a Power 750. They also intend to implement a WebSphere solution but are undecided whether to run it on Power or x86. Which of the following favors running WebSphere on Power instead of on x86?

- A. The Power 750 can run Windows under PowerVM.
- B. The lower Total Cost of Ownership of IBM i Standard Edition.
- C. WebSphere Application Server is included with IBM i Enterprise Edition.

D. WebSphere on Power provides greater functionality than WebSphere on x86

**Answer: C**

**Explanation:**

#### QUESTION NO: 4

A prospective customer has heard that IBM i on Power reduces systems administration resource requirements. The prospect currently uses Windows to run their business. Which of the following explains lower systems administration requirements?

- A. IBM i includes Smart Analytics which provides physical and virtual systems management capability.
- B. IBM i provides a single management interface for automating storage, network, backups and many administrator tasks.
- C. Power Systems hardware built for IBM i simplifies operations by creating a highly self managed and self healing ecosystem.
- D. IBM i includes Systems Director Express Edition which provides an intuitive operations and systems console and performs most functions normally required by a system administrator.

**Answer: B**

**Explanation:**

#### QUESTION NO: 5

A client is looking for ways to simplify the management of disk space on their x86 file server. They have available disk space on their Power 520 and would like to understand the advantages of using this space and IBM i to help solve this problem. Which of the following optimization features of IBM i will address these issues?

- A. Single consistent system-wide interface
- B. Integrated Systems Director and iSeries Navigator
- C. Shared folders and virtual disk using iSCSI connectivity
- D. Dynamic management of files, programs, and space allocation

**Answer: D**

**Explanation:**

**QUESTION NO: 6**

A CFO has requested a proposal for a database solution. The environment currently includes several Dell servers which require constant manipulation of the data and the Oracle database software. What part of a Power Systems solution addresses the customer pain point?

- A. IBM i automates storage management.
- B. Business Analytics enables easier data manipulation.
- C. Power Turbo Mode provides lowers database licensing cost.
- D. Capacity Upgrade on Demand enables dynamic addition of processors.

**Answer: A**

**Explanation:**

**QUESTION NO: 7**

A customer is investigating a new ERP application. It can run under Windows or IBM i. The customer believes that IBM i is much more expensive than x86 with Windows. What advantages should be emphasized to this customer?

- A. The IBM i Express Edition allows applications to run with less overhead. The hardware is better utilized due to superior virtualization.
- B. The application can run on Windows servers and the database under IBM i. Systems Director will manage this environment with less staff.
- C. The TCA of POWER7 is significantly lower than previous POWER technologies. Windows will run in an LPAR. Systems Director will manage this environment with less staff.
- D. The TCA of POWER7 is significantly lower than previous POWER technologies. The hardware is better utilized due to superior virtualization and requires less staff to manage.

**Answer: D**

**Explanation:**

**QUESTION NO: 8**

Which IBM i Edition only adds DB2 for systems with processor-based pricing?

- A. Basic
- B. Express
- C. Standard
- D. Enterprise

**Answer: C**

**Explanation:**

**QUESTION NO: 9**

A customer wants to consolidate 2 older iSeries systems and 10 older pSeries systems on to a Power 750 with 6 active cores. What is required to create multiple Logical Partitions (LPARs)?

- A. Purchase PowerVM Standard Edition for the entire system.
- B. Purchase PowerVM Enterprise Edition for the entire system.
- C. Use the integrated function of IBM i to create all of the LPARs.
- D. Purchase PowerVM only for the cores that will have more than one LPAR.

**Answer: A**

**Explanation:**

**QUESTION NO: 10**

A POWER5 customer plans to install a new Power Systems server due to slow system response time. The user would like to keep their current IBM Licensed Program Products (LPPs). What options are available to this customer?

- A. IBM LPPs can be transferred from POWER5 to POWER7.
- B. POWER5 upgrades directly to POWER7 along with LPPs using an RPQ
- C. POWER5 Enterprise Editions can be upgraded to POWER7 with IBM LPPs at a reduced price.
- D. For MES upgrades to POWER6 and POWER7, IBM LPPs are carried over as part of the upgrade process at no additional charge.

**Answer: A**

**Explanation:**

**QUESTION NO: 11**

An IBM i customer using Lotus Domino email has acquired a company with over 12,000 Exchange email users running on six x86-based Windows servers. The CIO must decide whether to continue using Exchange or to migrate the acquired company users to Domino. Which factor will influence the CIO decision?

- A. Microsoft Exchange Server 2010 is fully supported on POWER7 under IBM i 7.1.
- B. Domino Version 8.5.1 will support a maximum of 15,000 email users per POWER7 server.
- C. The Domino email infrastructure and ongoing support costs are significantly lower than using Windows servers.
- D. IBM Message Broker Version 7 utilizing POWER7 multithreading supports huge volumes of email interchange between Domino and Exchange.

**Answer: C**

**Explanation:**

#### **QUESTION NO: 12**

A CIO wants to improve business responsiveness and operational speed by dynamically re-allocating resources to applications as needed. In addition to a Power Systems server, which of the following solutions will address the customer requirement?

- A. IBM i
- B. PowerVM
- C. VMControl
- D. Systems Director

**Answer: B**

**Explanation:**

#### **QUESTION NO: 13**

A customer wants a tool that will help convert some of their legacy RPG green screens to a more graphical, user-friendly interface. What IBM solution provides this capability?

- A. HATS for 5250 Applications
- B. WebSphere Graphical Services
- C. WebSphere Application Services
- D. Rational Open Access: RPG Edition

**Answer: A**

**Explanation:**

#### **QUESTION NO: 14**

An IBM i customer has an ERP solution that must interface to a Dell x86 web server which provides Payment Card Information (PCI) data for credit card transactions. The customer wants an easier solution to manage. Which of the following would meet this requirement?

- A. Use the IBM i Zend Server to create a simple API to directly interface to IBM i based applications for PCI.
- B. Install IBM Internet Security Systems (ISS) software to support a direct PCI interface to the x86 web server.
- C. Implement IBM HTTP Server for i, running Apache directly on IBM i, in order to support the PCI data application.
- D. Deploy IBM i Access for Windows 7.1 which offers enhancements to ODBC data transfers supporting credit card applications.

**Answer: C**

**Explanation:**

#### QUESTION NO: 15

A CIO needs a solution which allows for business-driven policies to deliver resources based on time, cost, and service-level requirements. Making workloads independent of hardware resources and simplifying IT infrastructure management are crucial. What Power Systems solution should be recommended?

- A. PowerVM
- B. Tivoli Systems Manager
- C. Linux Enterprise Server
- D. Smart Analytics Software

**Answer: D**

**Explanation:**

#### QUESTION NO: 16

On a Power server, which of the following operating systems support Active Memory Sharing?

- A. IBM i with PowerVM
- B. IBM i, AIX and Linux
- C. IBM i and AIX with VMControl
- D. IBM i and Linux with Capacity on Demand

**Answer: B**

**Explanation:**

**QUESTION NO: 17**

The customer believes their applications are disk-bound and has heard that faster SAN drives may address this problem. What should be proposed to this customer?

- A. IBM DS5000 SAN
- B. IBM Solid State Drives
- C. IBM XIV Next Generation Storage
- D. IBM Scale Out Network Attached Storage (SONAS)

**Answer: B**

**Explanation:**

**QUESTION NO: 18**

IBM i integrates many system functions including storage management, resource management and security in order to optimize management and system performance. Where is this integration for optimization done?

- A. Program Temporary Fixes
- B. Hardware Management Console
- C. System Licensed Internal Code
- D. Technology Independent Machine Interface

**Answer: D**

**Explanation:**

**QUESTION NO: 19**

For IBM i POWER7 prospects, what makes the i Edition Express for BladeCenter S attractive?

- A. A preconfigured, preloaded solution with storage, networking and systems management features predefined for quick deployment.
- B. An extremely compact offering that combines a BladeCenter S Chassis, a POWER7 Blade, and IBM i, bundled at a competitive entry-level price.