

# IBM

## Exam A4040-124

**Power Systems with POWER7 and IBM i Sales Skills -v2**

Version: 7.0

**[ Total Questions: 85 ]**

**Topic 1, Volume A****Question No : 1 - (Topic 1)**

An IT Director needs a relational database but cannot hire a Database Administrator (DBA) to maintain it. How does IBM i address this challenge?

- A. Systems Director Navigator for i handles DB2 database administration automatically.
- B. Single Level Storage architecture and automated DB2 features mean that a DBA is not required.
- C. System i Navigator manages Single Level Storage so that database administration does not require a DBA.
- D. Systems Director for i manages Single Level Storage so that database administration is easy without a DBA.

**Answer: B**

**Question No : 2 - (Topic 1)**

A 010 is concerned about systems security and transmission of confidential data across the internet. What capabilities of the IBM i platform can the sales executive highlight in this situation?

- A. PowerSO software is optimized to provide security and compliance for POWER operating systems.
- B. Security Access Manager combines user access management, web application protection and encryption.
- C. IBM i can send secure data across untrusted networks using SSL, IBM i Access for Windows, and VPN connections.
- D. RealSecure Server Sensor provides data loss prevention and preemptive protection while enforcing server security policies.

**Answer: C**

**Question No : 3 - (Topic 1)**

A POWER520 customer is running IBM i 54 and is moving to a POWER7 server. Which of the following is a valid migration plan?

- A. Migrate IBM i 5.4 to the POWER7
- B. Host IBM i 5.4 in a client LPAR on the POWER7
- C. Upgrade from IBM i 5.4 to IBM i 7.1 after migrating to POWER7
- D. Upgrade to IBM i 7.1 on the Power 520, then migrate to POWER7

**Answer: D**

**Question No : 4 - (Topic 1)**

What disaster recovery benefit is provided to a customer running IBM i applications when they are using PowerHA Asynchronous Geographic Mirroring?

- A. All objects are automatically replicated from an independent auxiliary storage pool to another IBM i storage pool
- B. It can be used to provide disaster recovery services to multiple company locations whether using internal disk or SAN storage.
- C. It offers a cloud-based suite of remote mirroring software that enables integrated, automated failover for IBM i and attached x86 servers
- D. Instead of IBM i server replication it delivers peer-to-peer remote copy services to any remotely attached IBM SAN storage supported by IBM 7.1

**Answer: B**

**Question No : 5 - (Topic 1)**

An executive has expressed frustration about the inflexibility of reports from their IBM i system and is looking for a solution that supports more dynamic and flexible reports.

How will DB2 Web Query support the customer's need?

- A. Web Query provides collaborative tools to rapidly analyze data, business requirements and budgets.
- B. Web Query supports predictive analysis and reports rising trends so that smarter decisions can be made.
- C. Web Query provides reporting, dashboards and ad hoc query capability through simple-to-use user interfaces.
- D. Web Query combines business intelligence data, system performance, management reports and analysis in a controlled, secure, auditable environment.

**Answer: C**

**Question No : 6 - (Topic 1)**

What capability of single level storage increases system administrator productivity?

- A. Multiple storage pools
- B. Automatic data placement
- C. Flexible storage attachment
- D. HMC-based storage allocation

**Answer: B**

**Question No : 7 - (Topic 1)**

A customer says that they cannot use IBM i for their chosen ERP solution as some of the application software is inJava and a Java development environment is also required.

How can this objection be addressed?



- A. IBM i 7.1 on POWER7+ now supports Java running natively using DB2 for i
- B. Java Virtual Machine is provided in WebSphere Application Server and runs natively on IBM i.
- C. IBM i runs Javascript in a Java Virtual Machine allowing applications to run and a development environment to be created.
- D. Rational Development Studio for i has a set of Java compilers for development and a Java runtime environment (JRE) for running applications.

**Answer: B**

**Question No : 8 - (Topic 1)**

A prospective customer is considering a Power Systems solution with IBM i and PowerVM.

Other possible solutions being proposed to this customer are:

-  x86 with Linux, Oracle, and VMware
-  x86 with Windows, SQL Server, and VMware

How does the acquisition cost and TOO of the Power Systems solution compare with the x86 solutions?

- A.** With POWER7, the acquisition cost is lower than for both Windows and Linux offerings resulting in a lower 3-year TOO.
- B.** Acquisition costs are similar for all solutions, but the software maintenance costs for database and VMware raise the 3 year TOO of the x86 solutions
- C.** Acquisition costs are slightly higher for the Power Systems solution, but the significantly reduced operational costs result in a lower TOO over 3 years.
- D.** The acquisition and 3 year operational costs are lower than the Windows solution, and the Oracle maintenance fees result in a higher 3 year TOO compared to Power.

**Answer: C**

**Question No : 9 - (Topic 1)**

Why will a Chief Information Officer be interested in the benefit of the Technology Independent Machine Interface (TIMI) on IBM i?

- A.** TIMI includes a web-based, intuitive interface that increases user productivity.
- B.** TIMI enables the transfer of IBM Licensed Program Products from older to newer hardware.
- C.** TIMI allows the organization to more easily migrate software from non-IBM platforms to IBM i
- D.** TIMI allows observable programs compiled under older versions of IBM i to run on new releases and newer hardware.

**Answer: D**

**Question No : 10 - (Topic 1)**

A Power 770 customer wants to purchase second Power 770 that would only be used in a disaster recovery (DR) situation. They have stated that the cost of purchasing the same number of IBM i licenses for an inactive DR system is too expensive.

Which solution supports the DR requirement and addresses the concern about IBM licensing costs?

- A.** The PowerHA v7 for IBM i Edition
- B.** The IBM SmartCloud Enterprise solution

- C. A new Power 770 Capacity Backup (CBU) system
- D. A new Power 770 with On/Off Capacity on Demand

**Answer: C**

**Question No : 11 - (Topic 1)**

An IBM i customer plans to implement a High Availability solution that copies live data and program changes from an independent disk pool on internal disk to a second Power Systems server at a remote site.

The customer wants to avoid purchasing any third-party replication software that might require training or additional personnel.

Which solution will support the customer requirements?

- A. Metro mirror
- B. Global mirror
- C. Remote Journaling
- D. Geographic Mirroring

**Answer: D**

**Question No : 12 - (Topic 1)**

A customer has several Power Systems servers running IBM i and needs browser-based self-service provisioning of virtualized workloads.

Which software supports this request?

- A. SmartCloud Entry
- B. WebSpherePortal
- C. IBM i Access for Web
- D. Systems Director Deployment Manager

**Answer: A**

**Question No : 13 - (Topic 1)**

Which of the following best describes a unique characteristic of IBM i when compared to non-IBM platforms?

- A. IBM i comes with a performance tuner that provides network multi-pathing, based on predictive analysis, to utilize all Ethernet ports.
- B. Integration with BladeCenter and System x allows IBM i partitions to host heterogeneous applications running Microsoft Windows or Linux applications.
- C. IBM i provides Processor Instruction Retry and Alternate Processor Recovery mechanisms to recover from processor errors by utilizing an available spare processor core.
- D. DB2 doesn't require any specific database installation procedures, and provides automatic storage allocation for all database objects.

**Answer: D**

**Question No : 14 - (Topic 1)**

An IBM i customer needs 3 additional test environments to run IBM i, AIX and Linux. They currently have only one IBM i environment.

Which of the following is the minimum needed to add the 3 new environments?

- A. PowerVM Express Edition  
Linux and AIX licenses
- B. PowerVM Standard Edition  
Linux and AIX licenses
- C. PowerVM Standard Edition  
IBM i, Linux and AIX licenses
- D. PowerVM Enterprise Edition  
Linux and AIX licenses

**Answer: B**

**Explanation:**

QUESTIONNO: 15

What is the purpose of the MES roadmap?

- A. It defines supported upgrade paths.
- B. It provides an installation plan for service providers.
- C. It provides future product direction for upgrade planning.
- D. It shows side by side and migration methods to get to a newer system.