

**Exam Code:** 000-866

**Exam Name:** ibm eserver iseries technical solutions  
design v5r3

**Vendor:** IBM

**Version:** DEMO

## **Part: A**

1: A customer has an i820 running V5R2, processor feature #2435 (600 CPW) with interactive feature #1522 (70 CPW). Currently, 50 CPW interactive and 540 batch CPW are being used. A Webfaced application is being added that uses 120 CPW. What changes are needed to meet the new requirements?

A. Upgrade to i5/OS V5R3.

B. Upgrade the processor to feature #2436 (1100 CPW).

C. Upgrade the existing processor interactive feature to #1524 (240 CPW).

D. Install the Webfacing V5R1 PRPQ to eliminate the interactive component of Webfacing.

**Correct Answers: B**

2: What is the maximum number of OS/400 and/or Linux partitions that can be configured on a single processor of an i810?

A. 4

B. 10

C. 16

D. 32

**Correct Answers: B**

3: A business partner is developing a proposal to upgrade a customer's installed i825. The business partner is unable to access the customer's PM/400e data on the Web. What is the most likely reason for this problem?

A. The business partner is not at the Premier level.

B. The business partner does not have the latest software or service pack required to query the online database.

C. The database record may be in use, and the business partner needs to try again later.

D. The customer has not authorized the business partner to view the data.

**Correct Answers: D**

4: An iSeries administrator is attempting to download PTFs via the IBM FTP server but is unable to get an Internet connection. The administrator can PING any address in the private network but cannot PING any Internet sites. Which of the following is a probable cause of the problem?

A. A default route to an Internet gateway is not configured.

B. The iSeries needs to have a dedicated Ethernet IOA for Internet.

C. The iSeries Firewall is not active.

D. The iSeries FTP server is not running.

**Correct Answers: A**

5: A customer has a Model 720 with thirty-five 8.58GB disk drives with RAID protection running heavy OLTP. The Business Partner proposed an upgrade to an i810. What should be recommended as the best performing disk configuration?

A. Add four 70.56GB drives RAID-protected

B. Use the 810's single load source drive and attach the 720 as a migration tower

- C.Add a 7116 Expansion unit and use twelve 35.16GB drives
- D.Order one new 2757 PCI-X RAID controller and migrate all the old 8.58GB to a 5094 Expansion Tower

**Correct Answers: C**

6: A hospital is planning to migrate all of its applications to an iSeries. There is a strict requirement for system availability 24 hours a day, 7 days a week, including holidays. Which of the following solutions should be recommended?

- A.Two iSeries systems with ObjectConnect/400
- B.One iSeries system with mirrored disk storage
- C.Two iSeries systems and a third-party high availability software solution
- D.Two iSeries systems and DataPropagator Relational Capture and Apply for iSeries

**Correct Answers: C**

7: A customer is installing a new LAN and wants to use TCP/IP. They intend to connect to the Internet at some time in the future. Why would they want to use Class A addresses in the range of 10.0.0.0 to 10.255.255.255 for the internal network?

- A.Class A addresses in this range can be routed to the Internet.
- B.IP addresses in this range are not used as a host IP address on the Internet.
- C.The governing body for IP addressing (InterNIC) requires internal networks use this address range.
- D.It is easier to set up IP addresses in this range and provides a wide range of options for future expansion.

**Correct Answers: B**

8: A customer has an i825 with the following features installed: ? 1 FC #2757 disk controller ? 1 FC #9793 Integrated Modem ? 1 FC #4746 Twinaxial workstation IOA ? 2 FC #2844 64MB IOPs ? 1 FC #5712 PCI-X Tape IOA ? 1 FC #4710 Integrated xSeries Server with a 10/100 Ethernet IOA Due to growth in the load on the existing xSeries server, the customer needs an additional Integrated xSeries Server. What must be added to install the second Integrated xSeries Server?

- A.FC #2844 64MB IOP
- B.FC #5034 Migration Tower
- C.FC #5094, #5095, or #0588 PCI-X Expansion Tower
- D.FC #5094, #5095, or #0588 PCI-X Expansion Tower and a #2844 64MB IOP

**Correct Answers: C**

9: In an OS/400 Logical Partitioning (LPAR) environment with a primary partition running V5R2 on a POWER4 processor, which of the following operating system combinations are supported as secondary partitions?

- A.OS/400 V5R1, OS/400 V5R2, and Linux
- B.OS/400 V5R2, AIX, and Linux
- C.OS/400 V5R1 and OS/400 V5R2
- D.OS/400 V5R2 and Linux

**Correct Answers: D**

10: A customer has installed Lotus Domino on an iSeries system. What command must be part of their backup strategy to ensure that their Lotus Domino data files are backed up?

- A.SAV
- B.SAVLIB
- C.SAVDLO
- D.SAVDTAD

**Correct Answers: A**

11: A customer currently has a non-IBM rack and wants to use it for their new eServer i5 520. What needs to be done prior to installation?

- A.Contact the local IBM CE to get approval to use.
- B.Validate that it is a industry standard rack.
- C.Document it is a standard relay rack.
- D.Verify it is a standard open frame rack.

**Correct Answers: A**

12: Which of the following allows the iSeries to continue operating even with a failed disk?

- A.Cross Site mirroring
- B.RAID-5
- C.Compression
- D.Single level storage

**Correct Answers: B**

13: Which no-charge function of OS/400 provides iSeries file and printer sharing through Windows Network Neighborhood?

- A.Net.Data
- B.NetServer
- C.iSeries Navigator
- D.Integrated File System

**Correct Answers: B**

14: A customer with a fully utilized iSeries Model 800 Value Edition (300/25 CPW) would like to implement WebSphere Portal on the iSeries. What is the minimum eServer i5 520 processor that meets the requirements?

- A.i5 520 Express Edition 500/30 CPW
- B.i5 520 Value Edition 1000/60 CPW
- C.i5 520 Enterprise Edition 2400 CPW
- D.i5 520 Standard Edition 3300 CPW

**Correct Answers: C**

15: Which of the following is a benefit of attaching an xSeries to an iSeries with the Integrated xSeries Adapter?

- A.The xSeries can share the DASD of the iSeries.

- B.The xSeries can share the system console of the iSeries.
- C.OS/400 users can access Windows applications from twinax terminals.
- D.The xSeries can share the DASD of a Linux Partition with file update capability.

**Correct Answers: A**

16: A company's policy requires the following for its Internet connection: ? Protection against SYN floods ? Protection against address spoofing ? No inbound traffic on any port not specifically opened ? Translation of private addresses used internally to public addresses Which of the following will best meet the requirements?

- A.Remote access server
- B.Proxy server
- C.Router
- D.Firewall

**Correct Answers: D**

17: A customer is evaluating a new eServer i5 520 and plans to implement Logical Partitioning (LPAR). The customer will have three logical partitions, two i5/OS partitions, and one Linux partition. What is the minimum number of processors the system must have to support this configuration?

- A.1
- B.2
- C.3
- D.4

**Correct Answers: A**

18: A customer with a Model 830 and a FC #5079 1.8M I/O Expansion tower attached plans to migrate to a new eServer i5 520. The #5079 has 8.58GB 10K RPM and 17.54GB 10K RPM disk units. The customer is unsure whether they should migrate the #5079 to the new 520. What are the configuration considerations for optimum I/O performance?

- A.HSL-2, PCI-X adapters, 15K RPM disk units
- B.Cross Site Mirroring, HMC, SPD attachment
- C.Virtualization, LPAR, hot swappable disk units
- D.RAID-5 IOP redundancy, POWER5, rack mountable

**Correct Answers: A**

19: A customer is building a new machine with five LPARs. Equipment will be POWER5, and the OS will be i5/OS. Three of the LPARs will have significant data transfer between them utilizing the virtual LAN. Performance of the data transfer is critical. Which of the following should be taken into consideration when designing the LPAR environment?

- A.All of the IOP/IOAs running disk storage must be on the "short" side of the Multi Adapter Bridge Boundary.
- B.The IOP/IOA combinations of the LPARs must be the same to optimize disk utilization.
- C.The HSL configuration must be all HSL-2 (RIO-G) and utilize the shortest cable possible.
- D.The amount of memory in the base pool of each of the LPARs involved in data transfer must be

higher than usual.

**Correct Answers: D**

20: A customer running V5R3 needs to have weekly access to a 250GB database history file on their iSeries. Which of the following would provide an economical method for storing this data?

A.Disk Mirroring

B.Object Connect

C.Disk compression with 35.16GB drives

D.RAID-5 with a FC 2757 RAID controller and 70.56GB drives

**Correct Answers: D**