Product Details from Pass-Guaranteed.com:

xSeries Technical High Performance Servers V2

000-077

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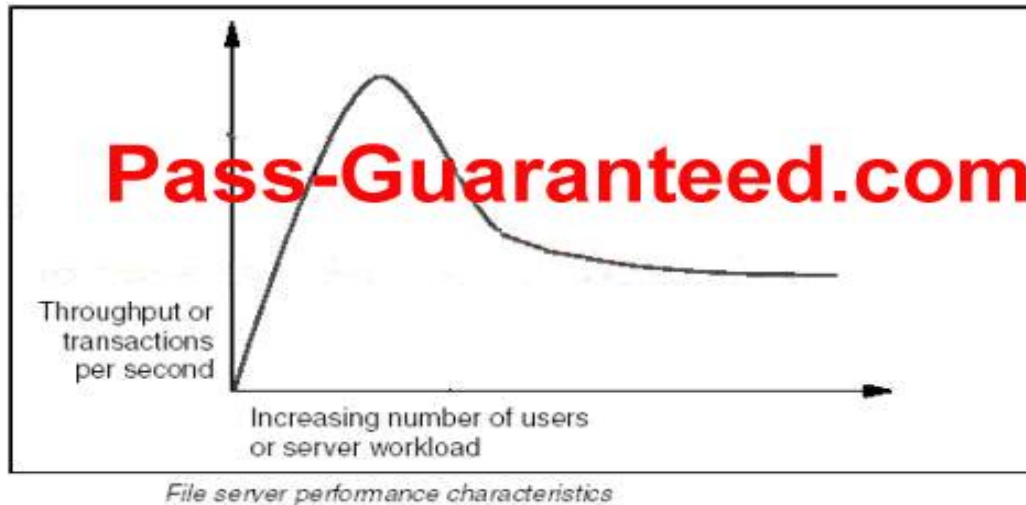
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QUESTION: 1

File server performance characteristics

Given the typical file server characteristics chart, what impact will adding more memory have on the server's performance?

A. Sustain the maximum throughput for a higher server workload
B. Increase the maximum throughput for a higher server workload
C. Sustain the maximum throughput only with the addition of another CPU.
D. Increase the maximum throughput only with the addition of another CPU

Answer: A

QUESTION: 2
An x445 with two 2GBHz DP processors and 2GB of RAM is running a processor-intensive floating-point geological application that calculates pressures in the earth's crust. It takes a long time for each calculation, and the director of computing wants the calculations to take less time.

Which of the following will most improve the ability to run the calculations in less time?

A. Replace the DP processors with four 2GBHz MP processors with a larger L3 cache
B. Replace the x445 with a x450 with four 1GHz Itanium2 processors
C. Replace the DP processors with MP processors with a larger L2 cache
D. Replace the DP processors with four 2GHz MP processors with a larger L2 cache

Answer: B

QUESTION: 3
Pass.com provides office space, phone and internet services to more than 30 client businesses. The facilities are located in one large building. The internet connection consists of one large pipe to a provider and has to be shared amongst the offices in the building. All network cabling is connected to the central network patchroom of the building. An important requirement is that no traffic between offices of different customers can be captured.

Which of the following is the best solution to protect the traffic of the customer in one office from being read by another customer?

A. Give every office its own range of IP addresses. This way, no tapping of other people's data can be performed.

B. Put machines in each office on a different subnet to prevent one office from accessing data from any other office.

C. Split the Internet connection by using a hub. Connect every port on the hub to a hub that is solely used by one customer. Every Customer gets its own hub if more machines are present in one office

D. Use a switch that has the capability to create VLANs. Configure so that traffic to and from the internet can be passed to the internet port. Configure so that nothing can go to ports outside the VLAN. Every office has its own VLAN.

Answer: D

QUESTION: 4
Pass.com uses an IBM xSeires x360 for their network server. They experienced downtime when the NIC failed earlier this year. Their Novell 5 server needs to be accessible all the time, at the highest speed possible. Two slots are available where network adapters can still be added. High availability is the primary requirement, but increased network bandwidth on the server is also required.
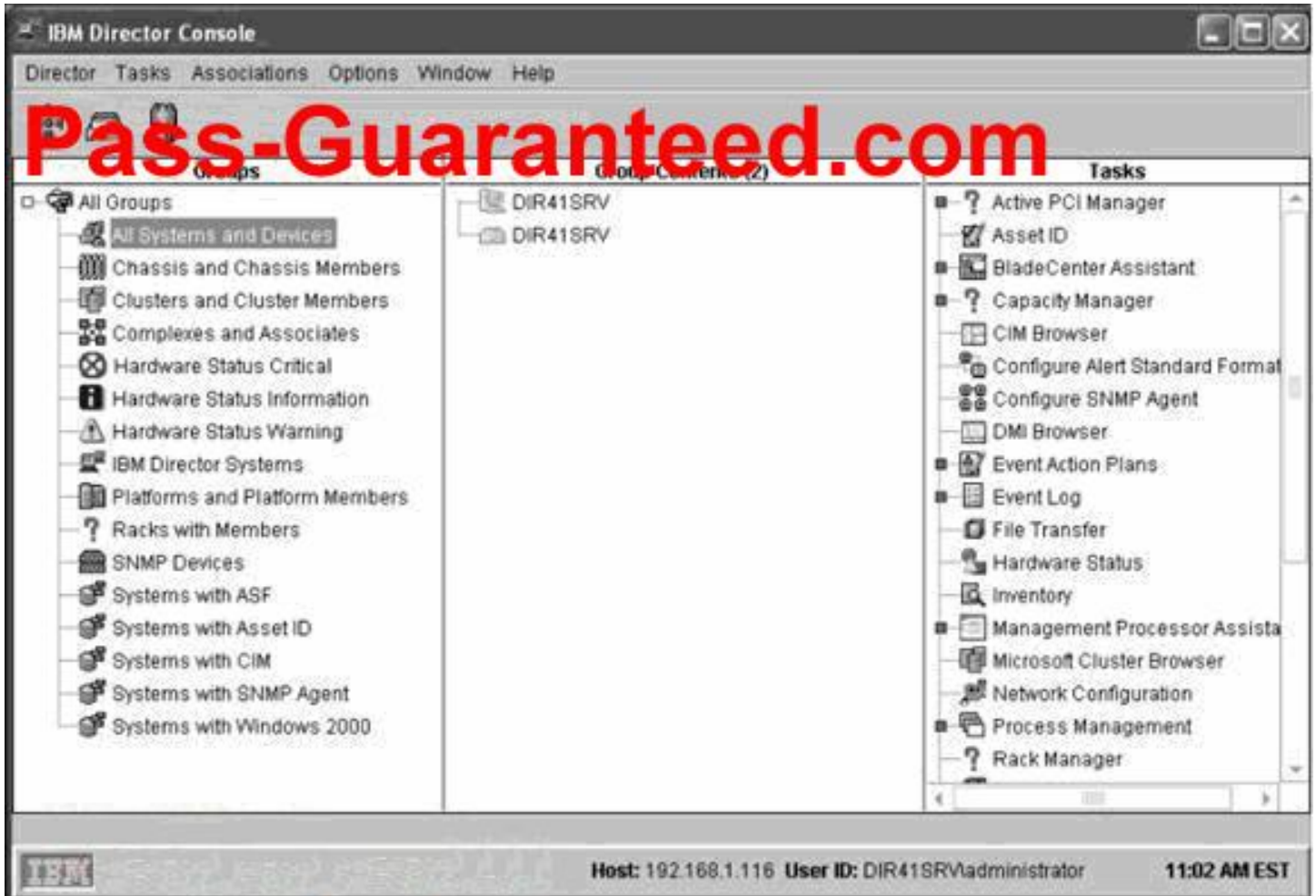
Which of the following is the most cost-effective solution to satisfy all of the customer's requirements?

A. Upgrade the network switches to 10GB speed
B. Add an RXE-100 enclosure to the server to increase the number of available PCI-X busses
C. Install one extra adapter to team with the internal adapter. Configure adapter failover.
D. Install two additional NICs and configure adapter load balancing teaming with the onboard adapter

Answer: D

QUESTION: 5

Exhibit:

Pass.com has installed an IBM director infrastructure and is having trouble using the enhanced features found in the IBM Director Server Plus Pack. Troubleshooting activities indicate that the extensions were not installed properly. Where should the Server Pluse Pavck be installed to resolve this problem?

A. On the console
B. On the database server
C. On the managed server
D. On the management server

Answer: A

QUESTION: 6
A manufacturing company has a large facility which has its offices at one end and a manufacturing floor at the other. The company is looking to implement new equipment that requires access to the company's SAN that is over 2.4KM away in the office area. Which of the following solutions will satisfy this requirement?

A. Install a longwave GBIC in the office SAN switch and string a multimode fiber from the office to the manufacturing floor

B. Install a longwave GBIC in the office SAN switch and string a singlemode fiber from the office to the manufacturing floor

C. Install a shortwave GBIC in the office SAN switch and string a multimode fiber from the office to the manufacturing floor.

D. Install a shortwave GBIC in the office SAN switch and string a singlemode fiber from the office to the manufacturing floor.

Answer: B

QUESTION: 7
Pass.com wants to hold all enterprise data on their FAStT system. Several servers were added after they purchased another company. The servers that have to be run are:

* An Oracle database running on a HP-UX server
* Several virtual machines running on VMWare ESX server
* A Microsoft cluster running Exchange 2000 server

Which of these new servers can be integrated with the FAStT?

A. FAStT storage does not support HP-UX, so the HP-UX server cannot be integrated. All other new servers can be used.

B. An Exchange cluster needs local disks so the FAStT cannot be used for this. All other new servers can be used.

C. When equipped with proper HBA's and subsystem device drives all new servers can operate with the FAStT storage device.

D. VMWare ESX can use the FAStT storage, however, the virtual machines running in it will not have access to this storage other than via a virtual disk. All other new servers can be used.

Answer: C

QUESTION: 8
An existing IBM customer has a few pSeries servers running DB2 on AIX in their environment. The DB2 application contains the database for an order entry application. An x Series SQL database server replicating from DB2 is added off-line analysis purposes. The customer wants to know if consolidating the storage and centralized backup is possible.

What are the options available to accomplish this?

A. pSeries and xSeries use different file systems. Consolidating Storage and backup is not achievable.

B. Consolidation is possible by connecting pSeries local storage to the xSeries and SQL server using the IXA adapter.

C. Storage consolidation can be achieved by connecting the pSeries and xSeries servers to a common FAStT storage server.

D. Storage consolidation is only achievable when certain file systems are used and both servers run the same OS (Linux).

Answer: C

QUESTION: 9
A medium-sized company with 500 employees has a rapidly growing storage infrastructure with clustered mail, database and file and print core business applications running on six servers. Current direct attach SCSI storage pools to each server leads to inefficient utilization of storage space and backup device attached to each server.

They want to consolidate their storage and backup infrastructure into a scalable, high availability and high performance solution. The customer's top priorities are performance, cost, and availability.

Which of the following backup solutions best satisfies the customer requirements?

A. A FAStT SAN with flash copy enabled for volume mirroring

B. A dedicated backup server with SCSI attached tape library

C. A FAStT SAN with fiber channel attached tape library solution with dedicated backup zone.

D. A NAS solution with SCSI direct attached tape library with dedicated backup network

Answer: C

QUESTION: 10
A retail company needs to add 10 more servers to their web farm. They will be running Red Hat Linux AS 2.1 with Apache Web servers. They are considering 1U servers and also looking at the IBM BladeCenter. Their current need is internal IDE storage only, with the possibility to attach to a SAN later.

Which of the following three features in the BladeCenter solution would provide investment protection and help to reduce cost?

A. Ability to add expansion cards
B. Offers only IDE drives internally
C. Ability to run on both 110V AND 220v POWER INPUT
D. Ease of deployment due to infrastructure integration
E. The SCSI Storage Expansion Unit can be physically shared by multiple HS20 blades
F. Modular switches provide fewer cables and better cable management
G. Integrated HBAs for SAN connectivity

Answer: A, B, C