Your boss wants to purchase a graphics design application to be distributed to approximately 40 users in the company. Although the vendor says the application has broad OS support, your boss wants to be sure it will work on the five different OSs (two versions of Windows, two versions of Linux, and the latest Mac OS X) running on the company's user workstations. He wants you to verify compatibility by using evaluation copies of the software without disrupting users or their computers. You have the installation disks for all five OSs your company uses, but you don't have a lot of computers available to install the OSs. What's your plan?

Answer with Explanation

I want to test multiple operating systems that are available on multiple discs using the same machine. There are various operating systems that can be used with virtual machines. The objective is to first install the machine's first operating system. Reboot once the testing has gone well enough. Install a second operating system after that, and test it as well. Use the installation discs in the manner described below to test all operating systems without interfering with any of the company's users.

You've been called in to consult with a small startup company that needs advice on how to set up its computer systems and network. The startup company does not have a lot of money to invest in the necessary IT infrastructure, but it will have 30 employees that use computers to run a variety of applications, many of which are server-based. The company wants to run Windows 10 and Mac OS X client stations, and it will need Windows Server and Red Hat Enterprise server. The company already has cabling and switches in place to connect its computers to LAN, and it has a 50 Mbps Internet connection. What do you advise for this small business to satisfy its IT needs?

Answer with Explanation

Step 1:

Going cloud is the greatest option in this case, however according to the inquiry, they already have cables and switches installed, which would lead to some resource waste.

Businesses may access crucial data with cloud computing from any location with an internet connection. As a result, employees are no longer confined to the office or its working hours and are free to work from home, restaurants, beaches, and even their cars.

lower costs for the infrastructure and the space

Costly and occupying a lot of space are servers and cooling systems. These expenses can be avoided thanks to cloud computing, freeing up money for other urgent demands. Because data can be easily accessed from any location with an internet connection, cloud technology saves time.

Step 2:

Concentrating on the client-server model is another remedy. Since all of the applications that the employees would use are server-based, it would be better to concentrate simply on implementing the hardware that will pay the minimum wage to the 30 employees. a sufficient amount to properly access the server without adding excessive hardware power, which would just be overkill. It would be rather easy to join all of these machines together because the company already has the requisite LAN switches, and 50 mbps is more than enough for the data.