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Learning About Dedicated Server Hosting

Why

Many people begin a website using shared hosting. There's one huge advantage to that which is the low-cost. Eventually, an internet site becomes so widely common that it overwhelms the shared hosting server. That's when an internet site owner should take it to the next step by migrating to a dedicated server hosting product.

With this particular solution, the resource of the server is dedicated to just one customer. This ensures that there'll always be enough computing resources to be able to run a busy web server. Users who complain about slow performance will ultimately stop utilizing the website. Don't allow that to happen by staying for too long on the early shared hosting solution or users will start to abandon the website.

How

The way dedicated server hosting is quite distinct from shared hosting is that first of all, there's only one customer on the server. That customer has exclusive use of everything on the server including memory, CPU, storage, and other resources. There's no way that another customer can cause the site to run slow.

However, the server continues to be managed via the hosting provider exactly like with shared hosting. The system is periodically updated with system patches and security patches by the host. They'll also fix any problems that occur at the operating-system level as well. This way, the only thing that the customer should worry about is running the website itself, the same as before with shared hosting. Of course, there's an approach to let the customer manage everything, but this is not recommended.

Cost

Many people prefer the cost of hosting that is shared because it is very cheap. It is easy to realize why shared web hosting is so cheap. Each physical server may have hundreds or thousands of customers. Even virtual private servers (VPS) will have a number of users sharing the same physical computer server.

With dedicated server web hosting, just one customer is on the server. As a result, the cost is going to be higher than shared web hosting. It'll be moderately higher than using the VPS hosting solution. Obviously, those who require the best performance possible will want to pay for the best service, resulting in a higher price.

Operating System

One of many choices that need to be made when going with dedicated server web hosting is the kind of operating system that's going to run. Generally, the two choices that are offered are Microsoft Windows and some variant of Linux. Those who want to use the latest open source software and get the best performance possible will want to use Linux since the operating system tends to use up less computing resources.

Those who would rather have a GUI for ease of use to install software will want to stick with the Microsoft Windows environment. Bear in mind there are many front-end software that makes administering with Linux fairly easy without having to use the command line. Nevertheless, the choice of operating system belongs to the customer.

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