

What Is a Dedicated Server and How It Can Help Your Business

If you have an online-based business then you might have signed up with your hosting company by using a basic or starter plan where you share all of the system resources with other websites which were installed at the same machine, as your online operation grows and becomes more profitable you will feel the need to upgrade to a more capable server which will allow you to have greater transfer speeds, more bandwidth, more disk space and better stability.

Dedicated servers provide everything we have described above, these are usually more expensive than virtual accounts because you are renting a machine exclusively for your sites, this means that no one is going to be taking away or using your system resources which may slow down your operation so, the first thing that you will notice when you switch from a virtual account to a dedicated account is that your sites will load a lot faster than before but, the benefits don't end there, let's mention some of the basic features which make dedicated servers so desirable.

More real bandwidth:

If your website has started to grow to the point that it has been using a lot of system resources and slowing all the sites which were installed on the same machine as yours and it might be time to move to a dedicated machine, the bandwidth allowance that you get on a dedicated account is the true number which will definitely differ from what you were getting on a virtual account in other words, some virtual accounts offer unlimited bandwidth however, "unlimited" is not a truthful statement because you cannot send unlimited traffic to your site without crippling the server and affect the rest of the accounts installed on the machine. Using your own server you will be able to send as much traffic as needed without having to worry about your site getting shut down because of your bandwidth usage.

Premium support:

This is also a very useful feature that you will get with your dedicated account because you're now obviously paying more, with virtual accounts it is very hard to get hold of your support team and the basic medium for communication among you have the support team is a ticket system which is not very efficient if you need things done immediately. If you have signed up for your own server it is very common to have access to an instant chat application where you will be able to get ahold of your support team almost immediately, this feature is simply priceless.

Top of the line processing units:

With starter accounts did not get to choose the type of processor that your sites are going to be using, they might be using an outdated Celeron processor for all you know, with a dedicated server you choose the processor architecture as well as the amount of RAM and network switch port speed that you require. New processors which will handle your scripts in an efficient way include the Pentium 4 hyper threading CPU, the new quad core or dual core processors as well as the latest 64 bit AMD CPUs. You can also configure the amount of RAM that will be installed in the server, they usually range from 1 GB all the way to 8 GB.

The features mentioned above are actually very basic, some hosting companies will provide you with special scripts and security measures in order to protect your content, such systems include a content delivery network or CDN as well as SSL security certificates, contact your favorite hosting company for more details regarding these exclusive accounts.

About the Author

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