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People are always thrilled at the thought of running their own websites. Previously, this was seen as a tough and extremely painstaking process. Thanks to rapid strides of the technology monster, that it has become a childâ€™s task now. Whenever somebody wants a website, there are two main things that need to be considered.

Type of Web hosting

Web hosting is the unique space that a customer buys from a service provider, who offers many types of web hosting. Based on the need, requirements and demands the customer has to choose the right kind of hosting

Domain name

This refers to the site name (for e.g.: www.thisismysite.com) which is unique for every particular site. This name will point to the particular web hosting account.

Both these facilities come with a specific charge, but there are some that offer free domain names while opting for their web hosting service. However, not every company that offers this is reliable, so it is best to get sufficient details about them before going in for their service. The first step in starting website is to go for the best web hosting service.

VPS hosting

This is one of the most popular web hosting services. VPS refers to Virtual Private Server, which is actually a virtual machine. This indicates that VP server in a VPS hosting is equivalent to a separate physical computer that is dedicated to the customerâ€™s needs. It has the total and complete privacy of that of dedicated server even though many other similar sites are sharing the space within the same server.

A Virtual machine can be configured to run as a server machine even when it is running on the same software as that of the other users in the same machine. One major aspect of this type of VPS hosting is that each individual server can enjoy its own independency, which also means that they can be rebooted without affecting the other servers on the machine. They can also have their own operating system, irrespective of what the others have.

In VPS hosting, there is a hypervisor that allocates a share of the available resources of the server to the guest operating systems on a particular server. It is assigned with the role of creating, releasing and managing the resources of these guest operating systems.

Why to go in for VPS hosting?

This type of hosting is proving to be a boon to many businesses due to the package of benefits that it presents. They are as follows,

â€¢ Closes the gap between the Shared and dedicated hosting services

â€¢ Independence from other customers on the same server

â€¢ Comparatively lower costs than the dedicated servers

â€¢ Ability of customers to install any kind of software on their

own

individual  OS( which is also not dependent)

â€¢ Suited to serve the needs of small websites

â€¢ Speed , access to and availability of the site are not a

problem at all

One prominent disadvantage would be the restrictions in RAM space, disk space and processor time which are directly related to the many users sharing the same server. Also it is the entire responsibility of the customer to take care of their own server as the web hosting company that offers VPS hosting will not interfere with the maintenance. It is like â€˜Your place is Your responsibilityâ€™

It is not mandatory for all websites to go in for this VPS hosting as some may need specific facilities that are unavailable with this type of hosting. So it is all left to the discretion of the customers to decide on the right type of hosting after examining all the available options.

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