Dedicated Servers for a more secure online presence

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Dedicated Servers or Shared? This is a dilemma that many website owners face when opting for a server of their choice and/or looking for hosting excellence that beats the many constraints of mundane hosting services. Admittedly, for websites with low-traffic rates, shared web hosting is an economical entry-point, but as business expands and traffic footage increases, the need for a more dedicated server arises. Sharing the server space with many other web-sites then, no longer seems to seal the deal.

Yes, dedicated servers are more expensive than their shared counterparts and may need a superior grade of technical skill too, but if your business is generating good profits on a daily basis and growing as well, then investing a little more in dedicated web hosting is not something that you should stay away from. The benefits are more and many limitations that are typical to shared servers are transcended right away.

Benefits of dedicated servers

Speedier Server Response time

With a Dedicated server, you are not dividing any of the system resources that are offered to you, for use of any other website on the same server. Things like processor power, disk space and memory are all yours now. The server response time is quicker here, since it is not interrupted, in any way, by disturbances or interruptions that are taking place on other sites. Whatever applications, software and components are uploaded now, are done at your discretion and you are solely responsible for managing and planning everything here. So itâ€™s speedier now and more focused.

Reliability

Shared web hosting can never be 100% reliable, irrespective of how well managed it is. Dedicated servers on the other hand are extremely stable and reliable, with virtually zero risk of getting the server inundated or crashed due to increased traffic on another site that shares space on the same server.

A back-up service for a fee is also available from dedicated hosting service providers.

Security

Information that is there on a dedicated server is more secure and if highly sensitive data is required to be stored, this is what you need. Singular access is a specialty of dedicated servers and if need be, it can don a firewall with a unique access control policy.

Custom IP address

Most shared web hosting sites have a common IP address, where the site traffic is guided by the shared server inspecting the â€œhost headersâ€•. A dedicated server will however have a unique IP address, which is meant especially for it.

Scalability

Unlike shared servers, which pre-determine the volume of server space for a user, a dedicated server features an easy upgrade path, where more memory, extra processors and more disk space can be appended, as and when needed. Scalability therefore is more.

The only point of contention in a dedicated server may be the higher level of technical knowledge needed to run it. But web hosts of repute have come up with a solution here too. Automated server management software solutions are now available with them to simplify the process of managing dedicated web servers. So even if you lack the technical expertise, you can still manage to experience the benefits of a dedicated server hosting along with a great online presence.

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