

Ten Indicators that it is Time to Move to a Dedicated Server

If you have a high traffic website with dynamic features, then switching to a dedicated server is probably the best choice for you. The major advantages are faster load time, increased security, and total control over your website. This dedicated server is a single web server, devoted solely to the use of one organization, unlike shared servers that host a number of other users and websites. Particularly suitable for larger corporations that process and store high quantities of secure data, dedicated servers often require a higher capital investment yet have a number of key advantages:

1. Higher speed and performance levels By switching to a dedicated server, the [managed hosting](#) is devoted to running one organization's software and website. With a shared server, the actions and usage of other websites can impact upon the response times of a website and can even cause a time-out, especially if one website has a promotion and experiences a sudden surge in traffic.
2. Increased capacity Because a dedicated server is created for just one organization, capacity is only limited by the size of the server rather than the number of users present on that host. Dedicated servers provide a more reliable website which can run full-time with less server jamming. Websites can feature more complex functions and there are fewer limitations on the number of email accounts and attached databases.
3. Increased security By sharing the server with other sites and users, there is a possibility that other customers may be able to view secure files and in some cases overwrite certain files. This can be extremely risky if a company stores and processes highly sensitive data. If any website on the host is attacked by a hacker or virus, this also makes the rest of the sites on the server vulnerable.
4. Increased site control With complete server dedication, it is possible to have more control over data access and over what happens on that server, such as which scripts can be run and which online activities can occur.
5. Ability to customise hardware set-up Dedicated hardware is provided for the server which can only be used by one customer. This allows the customer to have control over the hardware and make any alterations or upgrades.
6. Customised software Many shared sites have limited features and software availability due to security and stability issues. For example, JSP support on shared servers is still rare. With a dedicated server, there is greater freedom of choice as to which programmes run, allowing a customer's individual needs to be catered for.
7. Creation of more than one domain Companies that have multiple divisions or chains benefit greatly from a dedicated server in that they can create several domains on one server. This is more cost effective and efficient than each outlet renting space on a different host and creates a uniform sales platform with a simplified administration and support system.
8. Increased reliability It only requires one rogue website in a shared server to cause a search engine to ban the entire server, due to the shared IP address. With a dedicated server, reliability is no longer compromised by other customers' poorly written scripts or security problems.
9. Effective large website maintenance A [dedicated server](#) provides the ability to run a large website, which can be remotely controlled and operated, without the need to employ large numbers of staff. There is no requirement to purchase or maintain server equipment and server upgrades are more cost effective.
10. Technical support Many dedicated server providers offer additional administrative, trouble-shooting and management support.

If your website does not have any of these qualities, then you know that it is time to move your site to a dedicated server. You've put a lot of work into your website, so you deserve to have the best service possible.

About the Author

Premiere provider of managed IT services with [data centre](#) locations across Canada, provides managed hosting and [managed services](#) solutions for enterprises that require the highest levels of security and availability.