

Virtual Servers and When you Should Use them?

A virtual server, as the name implies, is a server that mimics being physically hosted at a particular location, without actually being physically present at that particular location. The server is shared by multiple users from around the world. A virtual server gives users all the benefits of a physical server, minus the physically placed part.

To simplify the matter even further, here are some advantages and disadvantages of using a virtual server:

Advantages of a Virtual Server

Full compatibility with applications, making the server scalable and flexible, especially when it comes to upgrades.
Hardware independence allows better support and maintenance.
Greater availability and easier recovery in case of a disaster, allowing uninterrupted internet connectivity.
Easier access and instant connection.
Reduced downtime and better online security.

Disadvantages of a Virtual Server

Need to be managed effectively – handled, configured and maintained by experts round the clock.
Increased RAM consumption as the server occupies a separate dedicated network.
Increased use of disk space, time and effort as each server needs to be configured separately.

From an end-user perspective, there is absolutely no difference in the way you're connected to the internet via a virtual server since you get the same ultimate online privacy and security as with a physical server. So, there's no need to worry while you are connected to a virtual server.

If you would like to know more about physical servers and virtual servers, please click [here](#). Experts in the network industry highly recommend the use of virtual servers over physical servers due to the simplicity and easier setup as compared to physical servers.

PureVPN's Servers

PureVPN has a self-engineered and self-managed network with optimized servers best suited to users' needs. Currently, you can use 2,000+ servers based in 180+ locations worldwide.

PureVPN has never denied using virtual servers. To make matters simpler, our [Server Location](#) page clearly mentions which servers are virtual and which are physical.

An example:

US – Phoenix, Arizona – **VS**

Albania – Tirana – **PS**

Where '**VS**' stands for Virtual Server and '**PS**' stands for Physical Server.