

# VPS

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## What is VPS for?

VPS is a virtual private server, this technology uses a virtualization system such as XEN or KVM to run multiple operating systems and allocate resources to one hardware server.

## How does a VPS work?

VPS servers run on one physical server, each VPS server owns separate IP addresses, disk space and operating system. Each VPS server can be restarted individually.

## Is VPS better than VPN?

VPS is a server virtualization technology, and VPN is a traffic encryption system that allows transferring data via encrypted channel as well as hiding an IP address.

## Why is VPS so expensive?

VPS for WINDOWS operating system requires more disk space. LINUX operating systems are less demanding to disk size and RAM. If you need to make your VPS service cheaper, you should prefer Linux operating system.

## Are VPS safe?

Yes, unlike shared hosting, this technology is safer, your data is separated from other users by both disk space and operating system. VPS backup is operated using XEN tools so the restoring of your virtual machine from the backup is fast and simple.

## How much VPS do I need?

If you need a server for one website or for one thread of API integration, 1 or 2 gigabytes of RAM is enough. If you need a windows server or an e-mail server, prefer 4 gigabytes or more.

## What is Linux VPS hosting?

Linux VPS hosting is a virtual server running under either Centos/Debian operating system or other Linux operating systems.

## Are VPS servers fast?

The VPS speed is equal to the speed of a regular physical server. For the storage SSD discs in RAID6 are usually used.