ibiscloud

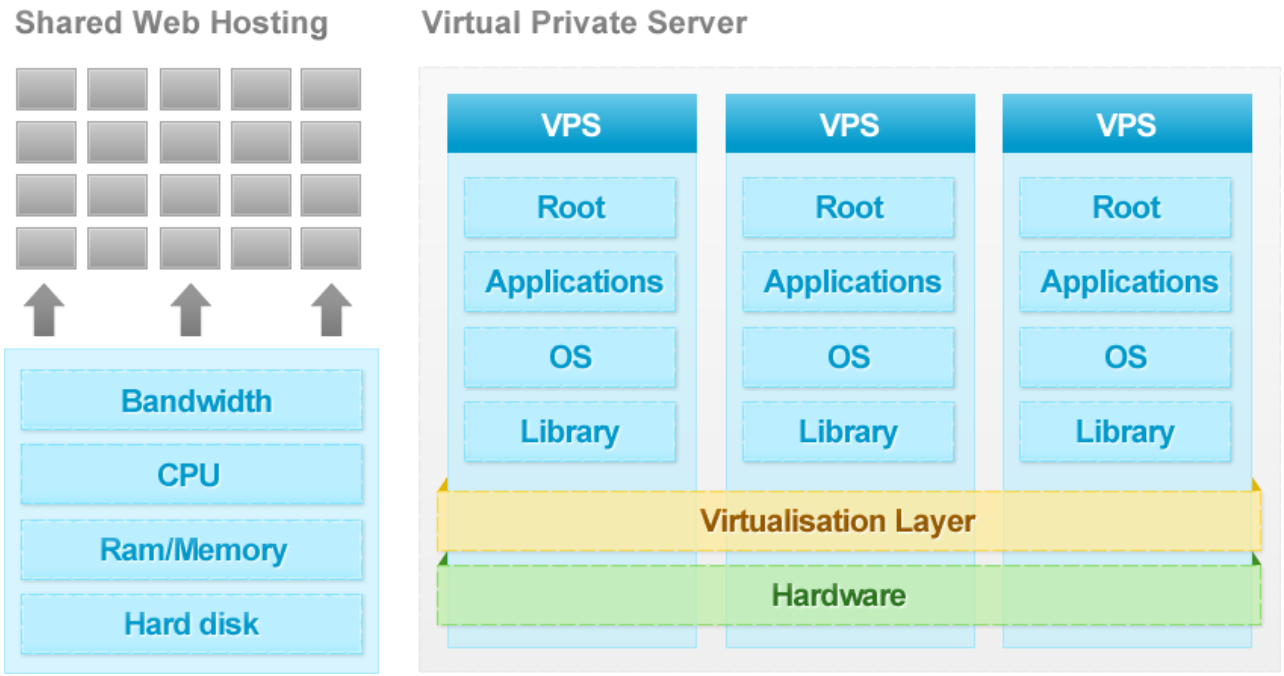
Improve your website's performance with a Virtual Private Server

Virtual private Servers (VPS) are a perfect solution for website owners who require a more powerful and flexible solution than shared web hosting, but do not need a full blown dedicated server.

"A VPS offers you the same level of control as a dedicated server, but without the price-tag"

On a shared hosting platform, server resources are shared between all sites on the server, and the performance of your site hinges upon every other site on that server being well-behaved.

In a shared environment, server configuration and installed modules are essentially locked down – some provision is made to allow for end-user configuration (PHP.ini modification for example), but essentially, you have to take what you're given.



What a VPS offers you is a dedicated server environment that is located on shared hardware. You

purchase a dedicated allocation of resources, and they are not shared with other users. To the end-user a Virtual server is functionally identical to a dedicated server. So essentially, a VPS offers you the same level of control as a dedicated server, but without the price-tag. However, that doesn't mean that VPS is an inferior product to a dedicated server far from it. Depending upon the implementation, a virtual server can offer distinct advantages over its physical counterpart.

Key benefits

Multi-site hosting

A Virtual Private Server (VPS) is the cost effective way to host multiple websites from one account, without the cost of running your own standalone dedicated server.

Complete control

All VPS come with full administrative access, including root access, allowing webmasters to install their own custom software.

Multiple uses

Virtual private Servers can be used for much more than just web hosting. Additional uses include gaming server, file server, database server, email server and development server.

Features and specifications

Our VPS product is built upon the KVM (Kernel-based Virtual Machine) virtualisation technology. We use the latest generation of Dell PowerEdge r7xx series servers, optimised for virtualisation, to provide a stable platform.

RAM	Up to 32GB
Disk space	Up to 500GB
vCPU	Up to 12vCPUs
Operating system	CentOS 5 & 6, Ubuntu 11.10/ LTS, Windows
Full root access	✓
Unlimited bandwidth	✓
100 Mbit/s network	✓
RAID 10 SAS disks	✓
Out of band VNC/ SSH console	✓

VPS FAQs

What can I use my VPS for?

Absolutely anything you like, provided it is legal. VPS are suitable to be used as webservers, games servers, FTP servers, mail servers, database servers.

What is the benefit of having more virtual CPUs?

Increasing your number of virtual CPUs will allow you to parallelise processes so that they may complete more rapidly. Each virtual CPU is assigned to a physical core on the VPS host machine.

What is your SLA?

Our SLA is 99.99%

What type of hardware do you use?

Each physical server has 8 x 10k SAS disks for primary storage, in a RAID-10 array, to provide full storage redundancy and high-speed access to data, and a top-end PERC RAID card with battery-backed cache to ensure the integrity of your data and no storage bottlenecks. We use flash memory for the boot volume, to ensure fast booting and to minimize downtime during upgrades. Each physical server has 12 Intel Xeon cores, designed for heavy server workloads, and 144GB of RAM to accommodate the present and future memory needs of each virtual server.

How many IPs do I get?

Each VPS comes with one free IP address. Additional IPs can be ordered for £5.00 a month.

How long will an upgrade take?

Upgrades occur immediately. If your disk is being upgraded, a reboot will be necessary.

What if I want to change my OS?

You can request a rebuild to an alternative OS from the VPS control panel, this will begin immediately.