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Generated on 15/11/2026 00:35

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VPS vs dedicated server: virtual resources or the whole machine

Comparing Hosting Types

CODE	VERSION	COUNTRY · LANGUAGE
RLX-INT-KB-548	v2026.10.18	International · English

MozOut International
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Tax no. (SARS) 943 907 6234 · Registration no. (CIPC) 2025/667953/07

https://www.my.mozout.com/knowledgebase/548

VPS vs dedicated server: virtual resources or the whole machine

Comparing Hosting Types · Created on **August 16, 2026** · Updated on **October 18, 2026** · 2 min read



On a VPS the resources are yours, but the physical machine is divided between several virtual machines. On a dedicated server, **the hardware is all yours** - processor, memory and disks.

Side by side

	VPS	Dedicated server
Resources	**Reserved for you alone** on KVM virtualisation: from VPS1 (1 vCPU, 2 GB of RAM) up to VPS6 (32 vCPU, 64 GB of RAM), on NVMe SSD.	**The whole physical machine**: Xeon or i7 processor, 16 to 64 GB of RAM, its own disks in RAID 1.
Administration	**Yours.** We hand it over with the operating system installed and root access; from there it is on you.	**Yours.** Delivered with the operating system installed.
Control panel	**Not included.** Can be bought separately, at order time or later by ticket.	**Not included**, bought separately.
Growing	Move up a plan, with a machine restart.	Changing machine means a migration and a maintenance window.
Backups	**Not included.** Bought separately, at their own cost.	**Not included**, bought separately.
Built for	Custom applications, several heavy sites, anyone who needs to install what they like.	High, constant load, full isolation requirements, lots of disk.

The short answer

The **VPS** wins on almost everything day to day: it costs less, is delivered faster and grows by changing plan. The **dedicated** wins on own disk, on steady performance under heavy load, and when you need control of the hardware itself, RAID included.

See VPS plans → | See Dedicated server plans →

Signs it is time to move

1. The largest VPS is permanently at its limit, not only at peaks.
2. You need your own large disks with your own RAID.
3. You want fully predictable performance, with no hardware sharing at all.

Moving up a tier changes who administers it.
Above shared hosting, the system becomes your responsibility: updates, firewall and backups. Read **what changes between a managed and an unmanaged service** before deciding - that is the part that catches people out.

What does not change with the plan.
The domain stays registered in your name and e-mail can come along. Migrating does not force an address change or lose messages - it is planned and done without the site going offline.

If you are not sure, tell us what the site does and how much traffic it gets. Asking costs less than moving twice.

NEED A HAND?

We will tell you the right option for your case, with no push towards the dearest plan.

Talk to our team →

SEE ALSO

All four tiers at once:
Shared hosting, VPS, Cloud or dedicated: the full comparison →

VPS AND CLOUD SERVERS

For when shared hosting is no longer enough.

Dedicated resources, root access and freedom to install whatever you need. With the same support team behind it.

See servers →

Linux or Windows · scale when you need to

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