

Cloud Hosting: Virtual Private Servers

*Delivering Resources, Applications
and Servers When and Where You Need Them*



call (888) 272-3077, or visit us on the web at www.OneNeck.com

Virtual Private Servers, or VPS, is today's hot IT topic. Primarily, this "virtualization" involves partitioning a single server so it appears as multiple servers. The ultimate step in virtualization is "cloud computing," another concept that has moved to the forefront of the market. Internet-based cloud computing provides shared resources to end user computers on-demand. So why should virtualization matter to your company? Simply put, virtualization, in the form of VPS or cloud computing, boosts performance, cost savings, scalability and flexibility for your enterprise applications.



OneNeck Ranked No. 1
Mid-Tier Infrastructure Data Center
Management Provider
by the Black Book of Outsourcing

OneNeck believes virtualization will continue to gain popularity as a viable alternative to companies hosting and managing their own physical IT infrastructure. Virtualization can come in many forms: from Virtual Private Servers (VPS) to a full-blown cloud computing solution.

Cloud computing is the ultimate virtualization strategy. This solution works best when it provides comprehensive virtualization, management, resource optimization, application availability and operational automation capabilities. In other words, the entire IT infrastructure is virtualized so organizations can manage resources as a shared utility and quickly reconfigure the environment on-demand. Cloud computing delivers a single way to run, manage, and secure customer applications where and when they want them.

VPS, on the other hand, bridges the gap between shared hosting and dedicated hosting, VPS allows customers to have an independent solution at a lower cost than deploying physical, dedicated servers. VPS is typically deployed on a smaller scale than cloud computing and is often the first step toward virtualization for companies.

By leveraging industry leading virtualization software, OneNeck partitions one physical server into multiple servers so each has the appearance and capabilities of running on a dedicated platform. Each virtual server runs its own operating system.

With superuser-level access, you can install almost any software that runs on the OS, as well as perform system maintenance. For example, each virtual private server can be independently rebooted.

With VPS, we're able to deliver resources, applications and servers when and where they're needed. You don't need to buy costly, individual servers. Instead, you'll access our infrastructure for capacity on demand. And, you don't have to worry about ramping up your IT operations to deploy new applications or respond to changing market conditions. OneNeck's VPS solutions create an efficient, dynamic IT environment for your company.

ONE NECK'S VPS SOLUTION: AN INDUSTRY- LEADING SYSTEM AVAILABILITY SLA OF 99.99%

We provide the hardware, virtualization software, switching infrastructure, SAN infrastructure and we wrap it all into an attractive System Availability Service Level Agreement of 99.99%. You choose the number of virtual processors, the amount of allocated RAM and the amount of allocated disk space via our shared SAN environment.

Our VPS creates numerous business-enhancing opportunities. For example, OneNeck's VPS solution:

- Eliminates purchasing requirements. You won't need new hardware nor incur capital expenditures.
- Lowers costs of deployment and management. You pay only for what you need.
- Accelerates turn-up. You don't wait for rack and stack or equipment shipments.

"Inilex could shut the doors and leave for a month and not one of our customers would be disrupted because we have redundant power and highly trained experts monitoring our servers 24 hours a day constantly doing the upgrades and managing security."

Scott Ferguson
Chief Executive Officer
Inilex

- Keeps pace with your organization's strategic initiatives. OneNeck's VPS quickly scales to your changing business requirements. Your IT operations will not hinder your company's revenue-generating projects.
- Provides access to best-of-breed IT infrastructures. You can take advantage of a world-class environment quickly and effortlessly.

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- Protects your business with a high-availability environment and advanced levels of security. You'll prevent data losses from infrastructure failures.
- Enables customized solutions for your specific situation. With our enterprise-class hardware and virtualization software, we're able to tailor a VPS solution to your business.
- Requires no hardware support contracts, spare parts or hardware life cycles to manage.
- Creates an energy efficient technology – considered greener for our future.
- Guarantees 99.99% uptime of your VPS environment.

- Integration into existing customer environments, even if delivered on physical server hardware.
- Flexible server configurations that let you pick your processor count, RAM allocation and disk space allocation.
- Real-time disaster recovery solutions that leverage industry leading Fault Tolerance.
- Guaranteed System Availability SLA of 99.99%.
- Includes hardware, virtual host software licensing, and low latency SAN and LAN infrastructure.
- Support for Windows, Unix and Linux.
- Includes Operating System management, virus control, hotfix/patch management and data backup processing on all VPS implementations.
- Monitoring and Reporting plus bandwidth usage tracking and reporting.
- Expert-to-expert support via OneNeck's 24/7 Help Desk.
- Online customer management web portal including dynamic usage and service availability reporting.

We developed our VPS hosting solution to include the most advanced technical capabilities:

- Industry-leading virtualization technology.
- Highly reliable SAN disk storage using flexible RAID configurations.
- Built-in redundancy and survivability in all VPS offerings.

Feature Comparison	OneNeck VPS Solutions*	Dedicated Hardware
Costs	No Capital Expenditure. Systems can be tailored to fit application and performance needs.	Dedicated server hardware requires capital expenditure. Current hardware offerings typically require customers to over-buy hardware and waste resources.
Infrastructure	Infrastructure is built in, no need to pay for LAN, SAN, rack, or power.	Requires separate LAN, SAN, rack and power infrastructure.
Deployment	Reduces both time and effort required to deploy. With the OneNeck VPS platform, new servers can be brought up in a matter of minutes in many cases.	Extended deployments due to hardware vendor lead times. Requires resource time to "rack and stack" new server hardware.
Recovery Time Objective (RTO)	<p>High Availability (HA) VPS. Provides cost effective, automated restart within minutes for all applications in the event of hardware or operating system failures.</p> <p>High Fault Tolerance (HFT) VPS. Provides continuous availability, without any data loss or downtime, to any application.</p>	<p>Typical dedicated hardware failure takes 4 or more hours for vendor repair.</p> <p>High Availability on dedicated hardware requires an investment in secondary hardware equipment.</p> <p>High Fault-Tolerance on dedicated hardware also requires expensive, complex server clustering technologies that may not support your applications.</p>
Recovery Point Objective (RPO)	Uses virtualization technologies that may offer many flexible DR options than dedicated hardware.	Dependant on traditional DR methodology.

**VPS may not be appropriate for every application environment. Applications requiring real-time CPU access or intensive disk IO may be better suited on a dedicated platform. A OneNeck Implementation Architect will design a solution to fit your needs.*

SOLUTIONS FOR SPECIFIC REQUIREMENTS

As an add-on to your existing services, OneNeck offers two levels of VPS; High Availability (HA) which can restart a VPS in a matter of minutes, and High Fault Tolerance (HFT) which provides zero downtime in the event of a hardware failure. The table below summarizes the features of OneNeck's VPS Solutions compared with traditional dedicated hardware deployments.

Regardless of your situation, OneNeck will provide the best solution available. Using our advanced infrastructure, proven processes and unmatched expertise, you'll access a highly available and scalable IT infrastructure on demand. Today you have more options than ever before. You no longer have to build expensive, dedicated network, storage and server infrastructures.

OneNeck's VPS solution lets you access capacity in a flash and without capital investments. And, you can be up and running with our VPS solution quickly and easily. We perform a no-stress migration to a more robust and flexible virtual infrastructure.

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