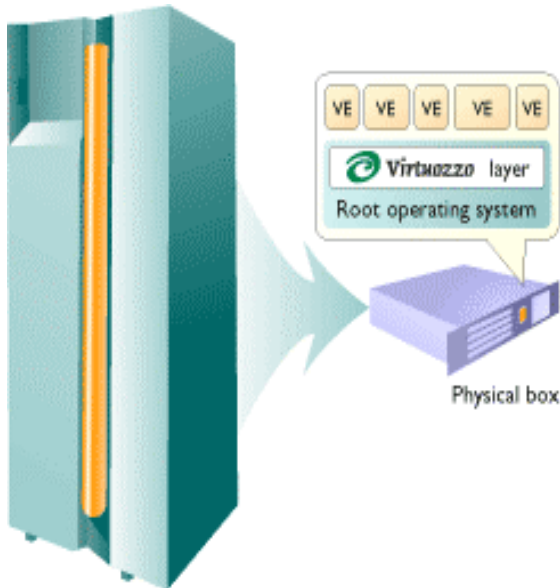


Proposal for Virtual Private Server Provisioning

VPSs are based on the concept of partitions on mainframes that allow dozens of divisions to run multiple applications on the same server with advanced resource scheduling. VPSs advance the concepts of the mainframe with dynamic fair-sharing of system resources on commodity operating systems and hardware. VPSs behave exactly like an isolated stand-alone server.

InterPole brings mainframe concepts that were proven in the datacenter for over 30 years to x86 commodity hardware.

- Reduce IT costs through central management of hundreds of partitions (known as Virtuozzo Virtual Private Servers or VPSs) across multiple physical servers.
- Apply security updates or install applications on thousands of VPSs with a single operation.
- Scale applications in a single VPS up to 64GB memory and 16 CPUS.



Dynamic partitioning

of servers into hundreds of Virtual Private Servers (VPSs) with full dedicated-server functionality - root access, rebootable, ability to install any application, change any file.

Resource Management

CPU, memory, disk, I/O, etc., min/max values for each VPS. Full isolation of VPSs

OS Virtualization

allows full OS environments to quickly be moved between physical machines

OS and Application Templating

enable automated mass deploy of OS updates and applications to thousands of VPSs



Dynamic partitioning

Due to Virtuozzo's fair-sharing technology, each partition can have almost the same power as the full server.

Create hundreds of partitions on one server, each with full dedicated-server functionality - root access, rebootable, ability to install any application, change any file.



Resource Management

Mainframe-like level of resource utilization, monitoring and control on standard, inexpensive hardware. In addition to standard CPU, disk space and network I/O, it also manages memory (user, kernel and disk cache) and disk I/O. VPSs are fully isolated with minimum

and maximum resource guarantees.



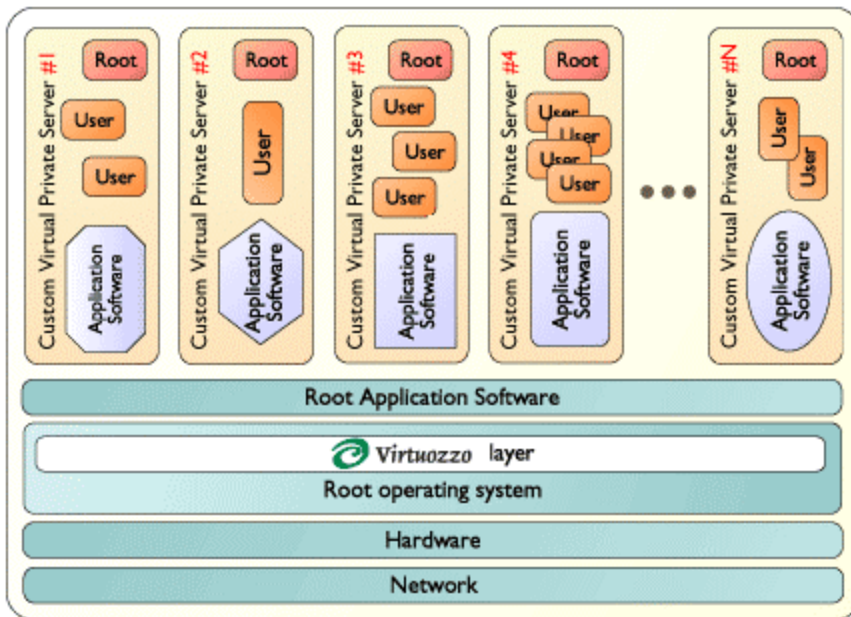
OS Virtualization

Drag and drop a live site or hundreds of running applications to another physical server for planned system maintenance or hardware upgrades with only a few seconds of planned downtime. Dramatically improves availability.

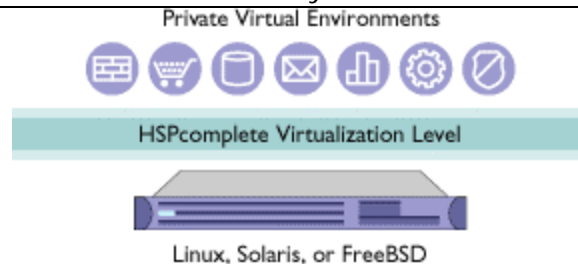
The VE Network Device

This is a virtual device that provides a high-speed network connection to the host OS. Zero-copy design principles ensure highest possible performance. This virtual device supports all advanced control capabilities available in Linux. More than one device could be created. In the Virtual Private Server, you can have your own firewall rules and local routing table. You can run packet sniffer to diagnose network problems with your own Virtual Private Server. However, there is absolutely no access to any packets sent to another Virtual Private Servers.

VPS behaves exactly like an isolated stand-alone server
Appears to have its own processes, users, files and provides full root access
Each has its own IP addresses, port numbers, tables, filtering and routing rules
Each could have its own configuration files for the system and app software
Each could have its own versions of system libraries or modify existing ones
Each could delete, add, modify any file, including files in /root, and install its own application software or custom configure/modify root application software
Example: In Linux case multiple ?distributions? can be ran on the single box.



Quality of Service to provide dedicated SLAs for each VPS
Standard: Includes CPU, disk space and network guarantees
Unique: Guarantees on memory - user and kernel, physical and virtual
Unique: Guarantees on disk I/O and many other critical resources (over 20).



Virtual Private Servers (VPS) is not a Virtual Machine (VM)
Runs only the same OS as root OS - Linux on Linux, Solaris on Solaris, etc.
10-100 times better efficiency, dynamic QoS changes for LB and more
VPS runs off-the-shelf software without any changes

VPS Power Panels

VPS Power Panels is a powerful web-based recovery and administration tool, intended for use by VPS owners. These can be used on a standalone basis. With this, a user with administrative access to a VPS can easily perform many critical management tasks:

VPS Start/Stop/Reboot

Start, stop, fast stop and restart the VPS

VPS Services Management

Manage VPS services and processes such as stopping an offending task or restarting a service

VPS Resource Monitoring

Monitor VPS resource utilization for CPU, system, disk space and disk inodes

VPS Backup/Restore

Back up and restore the VPS from the backup including all system and user files

VPS Repair

Start the VPS in repair mode when a VPS is broken and does not boot

Embedded SSH Client

Connect via integrated SSH client to the VPS

VPS Re-install

Reinstall the VPS from scratch, either saving or discarding existing files

VPS Actions Log

View the VPS actions log to monitor resource shortage alerts and various VPS events

Commercials

The pricing for the VPS is done on three parameters:

- i) Guaranteed Memory
- ii) Maximum Disk Space
- iii) Allotted Traffic

Guaranteed Memory refers to the minimum assured memory that will be available to the VPS environment. In situations where the server has spare memory capacity due to under-utilisation by other VPS on the same hardware, the extra free pool of memory will be available to the VPS

Maximum Disk Space refers to the size of the Virtual Hard Drive allotted to the VPS environment. Space required by the Operating System is utilized from this parameter. The system will be able to store data up to this limit. One backup is permitted by the VPS Owner. However, the space consumed by this backup is not accounted under this parameter, and is external to the VPS environment. Disk Space can be increased by upgrading the VPS environment.

Allotted Traffic refers to the data transfer allotted to the VPS environment on a monthly basis. The VPS environment will be allowed to draw additional traffic beyond this limit. Additional usage, if any, will be billed at the end of the month.

Memory	Disk Space	Traffic	Monthly Cost (Rs.)
128 MB	3 GB	25 GB	3500
184 MB	5 GB	35 GB	4500
256 MB	10 GB	50 GB	5500

Optionals

Item	Per / Unit	Monthly Cost (Rs.)
Additional Traffic	GB	250
Additional IP Address	Month	200
Server Management	Month	4000

Payment Terms : Quarterly in Advance