Virtual Private Servers (VPS) vs. Dynamic Dedicated Servers (DDS)

Dynamic Dedicated Servers or "DDS X-Y" is TsunamiNET's brand for its hosting solutions based on Virtual Private Server (VPS) technology .

We call them "Dynamic Dedicated Servers" because of our ability to dynamically migrate customers from one DDS to another or even to a fully dedicated server seamlessly and with virtually NO DOWNTIME and ZERO cost. The Y refers to your model DDS and the X to Location of the server

In partnership with SWsoft (Now Parallels), we offer a DDS Dedicated Server solution using Virtuozzo technology. The resulting virtual private server brought about a new standard for performance, reliability and flexibility.

DDS has Dynamic Scalability
Complete hosting environments can be quickly moved between DDS enabled physical hosts with virtually NO downtime.

DDS has Fair Share Technology
Fair Share technology gives you guaranteed minimum resources for your DDS.

DDS has Dedicated Performance
Each DDS comes with virtual dedicated server functionality - root access, ability to install custom applications, etc.

Dynamic Scalability

A complete DDS Dedicated Server, with hundreds of live sites, can be transferred to a larger DDS model or even another physical server with only a few seconds of downtime. This will allow you to rapidly scale your services to suit the changing dynamics of your e-Business and accommodate growth.

Fair-Share Technology

TsunamiNET uses Virtuozzo's patented Fair Share technology to dynamically distribute resources between DDS servers on the same physical host.

Fair Share technology allows TsunamiNET to set guaranteed minimum resource allowances for each type of DDS dedicated server.

At the same time, Fair Share technology gives each DDS dedicated server access to unused physical resources. This way no single DDS server can monopolize Bandwidth, RAM or CPU resources and yet each DDS can maximize its performance by tapping into idle resources.
In practice, DDS servers can burst far above guaranteed resource allowances for better overall performance while maintaining guaranteed performance levels. This is not possible with lesser VE technologies. Dedicated Performance

Mainframe-like resource utilization, monitoring and control of hardware fully partitions each DDS server. As a result, each DDS has full dedicated-server functionality: root access, ability to install any application or service, manage firewall, and even run different OSs - Red Hat, Debian, Suse, FreeBSD - on the same physical host. At the "root" level, a DDS dedicated server is virtually indistinguishable from a typical dedicated server.

DDS behaves exactly like dedicated server
- Has its own processes, users, files and provides full root access
- Has its own IP addresses, port numbers, tables, filtering and routing rules
- Has its own configuration files for the system and app software
- Use own versions of system libraries or modify existing ones
- Delete, add, modify any file, including files in /root, and install own application software or custom configure/modify root application software