





VIRTUAL PRIVATE SERVER (VPS) TECHNOLOGY

Most Web Hosting companies offer "VIRTUAL" or "SHARED" hosting.



This means you literally share your resources, applications and environment with potentially hundreds of other users in the same directory. This configuration can allow any compromises to a single site to affect the performance and security of everyone else on the same server.

With **Virtual Private Server (VPS)**, also known as **Virtual Dedicated Server (VDS)** technology, a web server is divided into multiple isolated environments. Each environment has its own server software providing independence for that web site. Any compromise to a site would only affect that VPS and could not affect any other site on the same server. As with a dedicated server, each VPS has its own independent operating system with its own web server, mail server, and independent software instances. A crashed application (Apache, Send mail, MySQL etc.) in another client's VPS has no effect on your VPS.

Virtual Hosting	VPS Hosting
	
<ul style="list-style-type: none"> • Shared Applications • Limited Control • Shared Environment • Shared Web Server • Shared Mail Server • Shared Database Server • Shared FTP Server 	<ul style="list-style-type: none"> • Install your own applications - • Administrative Control (Root Equivalent) • Independent Secure Environment • Dedicated Web Server • Dedicated Mail Server • Dedicated Database Server • Dedicated FTP Server

Our Server Features include:

<p>Management Tools</p> <ul style="list-style-type: none"> • POWERFUL Control Panel • File Manager • IP Filtering Control • Backup & Restore Utility • Apache Error Messages • Apache Watchdog • Password Protect Directories • Secure Shell Account (SSH) • Cron Jobs 	<p>E-mail</p> <ul style="list-style-type: none"> • Unlimited E-mail/FTP Accounts • Unlimited E-mail Forwarding & Aliasing • Web Based E-Mail (IMP & Neomail) • Spam Protection(Spam Assassin) • Auto responders • Mail List Manager (Mojo Mail) • Forms to E-Mail Script (Form mail)
<p>Software:</p> <ul style="list-style-type: none"> • Forum/Bulletin Board (phpBB) • Site Search (Perfect Search) • Guest book • Raw Access Logs w/Referrer Data • Site Statistics (Usage& Webalizer) 	<p>Ecommerce</p> <ul style="list-style-type: none"> • Open SSL • Shared SSL • Secure Server (SSL)
<p>Web Development</p> <ul style="list-style-type: none"> • Perl • PHP • Your own CGI -BIN • C, C++, JAVA, Python & TCL Compilers • Macromedia Flash and Shockwave Support • Microsoft Front page 2002 Support • GNU Compiler Collection • Server Side Includes (SSI) • Java Runtime Environment Database • Unlimited MySQL Database • phpMyAdmin 	<p>Miscellaneous</p> <ul style="list-style-type: none"> • Disk Space • 99.9% Uptime • Server Specifications • Dual Pentium III Dell Server • 4 Gigabytes of RAM • Red Hat Linux OS w/Apache Web Server • Foundry Switches & Cisco Router • Gigabit Ethernet • Multiple Redundant DS-3 Connection • Diesel Generator and UPS Power Protection • Redundant and Dual Power Supply • Backups Performed Every Few Hours

Disk Space

Disk space refers to the amount of storage your account is allocated within its Virtual Private Server. This space is used to store html files, graphics, audio/video, e-mail messages, and any other files that are part of your web site. Each of our packages has a specific disk space limit. If you need more space, simply upgrade to the next largest package.

Bandwidth (Data Transfer)

Bandwidth refers to the amount of data that can be transferred to and from your web site each month. This data includes html files, graphics, audio/video, e-mail messages, and any other files that are a part of your web site.

- **Example 1:** A 2 MB file uploaded and downloaded would use a total of 4 MB of data transfer.
- **Example 2:** 100 page views of a web site averaging 10 KB per page would use around 1 MB of data transfer.

Each of our packages has a specific bandwidth transfer limit. If you need more bandwidth, simply upgrade to the next largest package.

Domains per VPS

Each Virtual Private Server has only one "dedicated" or one "name based" IP address and a single control panel (Site Manager), but can support multiple domains. Within the VPS you can point multiple domains to the same directory (e.g. domain.com and domain.net point to the same place). You can also point domains to separate directories (e.g. domain1.com to /domain1directory/, domain2.com to /domain2directory/). Then, if you create an e-mail username (sales), mail is automatically captured for each of your domains (sales@domain1.com, sales@domain2.com, sales@domain1.net would all go to the same mailbox).

Note: If you need to have the same e-mail username (e.g. "sales") created for multiple domains, but would prefer to have separate mailboxes for each domain (e.g. sales@domain1.com and sales@domain2.com are separate mailboxes), you should consider setting up the domains on separate hosting accounts (VPS 's).

Although some resellers keep multiple clients on a single VPS , you will generally want to set up a new VPS for each client. You can then decide whether to set domain limits for your client's VPS (1 to unlimited).

Sub domains

Sub domains or 3rd level domains are web addresses that operate just under a top level domain, but behave as an independent domain. You can place a word or phrase in place of the standard "www" (subdomain.domain.com) and redirect all requests for that URL to a different directory within your web site. You can set up sub domains from within your Site Manager.

Dedicated IP

With most web hosts one IP address is assigned to several domains and access to a domain is available only by its domain name. Your web site can have a unique and dedicated IP address. This way, access to your domain can be done by either it's domain name or by it's dedicated IP address. A dedicated IP address is required for things like Anonymous FTP and SSL.

Real Audio / Video

A client-server software system and file format(s) by Real Networks that allows Internet users to play audio and/or video-based multimedia content in real-time as they are being downloaded (called "streaming media"), instead of the user having to download the complete file before being able to play it. Real Audio and Real Video formats are collectively called Real Media.

Darwin Streaming Server

Darwin Streaming Server is the technology that allows you to stream QuickTime media files on your web site using the industry standard RTP and RTSP protocols. It was developed as an open source version of the popular QuickTime Streaming Server.

Chili Soft ASP

ASP stands for Active Server Pages, and is a technology where web pages utilizing ActiveX scripting can be dynamically created when a browser makes a request for one. Although ASP was originally developed to be used on Windows servers, Chilisoft ASP allows Active Server Pages to work on Unix and Linux servers.

Tomcat JSP

Java Server Pages (JSP), is an extension of Sun Microsystems' Java Servlet technology. JSP lets you separate the dynamic part of your pages from the static HTML

Powerful Control Panel

Each account comes with unlimited access to an online Site Manager. In Site Manager you can administer your e-mail accounts, FTP user accounts, backups, installation of applications such as MySQL, PhpMyAdmin, Neomail, IMP , and more. You can also manage your own DNS, view real-time statistics on bandwidth and disk quotas, and have complete control over your web server, e-mail server, and ftp server settings .

File Manager

Our File Manager allows you to completely manage your site from your browser without having to FTP or SSH into your account. You can add new content or edit or delete existing content with easy access through your Site Manager.

IP Filtering Control

IP Filtering is a great way for limiting access to your site for specific groups of IP addresses. For example, if you had a malicious user attacking your site, you could add a filter to prevent all access to your site from a single IP address or to a block of IP addresses. Alternatively, if you are still developing your site, you could allow access to only your IP address so that only you could see it while you are finishing your site.

Apache Watchdog

Our system utilizes a unique "watchdog" system. This system checks the web service on every VDS on our network every 30 seconds and restarts if it's down. If the web service cannot be restarted, our network engineers are immediately notified. This way you are guaranteed to have your site up and running at all times.

Password Protected Directories

Every account comes with the ability to password protect as many directories as you would like. This can be setup very quickly and easily using the pre-installed control panel.

Secure Shell (SSH)

Secure Shell (SSH), sometimes known as Secure Socket Shell, is a UNIX-based command interface and protocol for securely getting access to a remote computer. It is widely used by network administrators to control Web and other kinds of servers remotely. SSH commands are encrypted and secure in several ways. Both ends of the client/server connection are authenticated using a digital certificate, and passwords are protected by being encrypted.

Cron Jobs

Cron is the ability to run programs based on the server clock. A cron job is a scheduled task that you want to automatically run at a scheduled time. You need to create a cron table or "crontab", a file of dates and commands that you want to run. A crontab file instructs the server to run specific commands at a given time.

Unlimited POP E-mail Accounts

Every account comes with as many POP e-mail accounts as you would like. You have the ability to set up new accounts and edit/delete existing accounts through your powerful online Site Manager. You can determine how much disk space you would like to allot to each account and even have the ability to make it unlimited.

Unlimited E-Mail Forwarding & Aliasing

All Macro Web Hosting accounts come with unlimited e-mail forwarding & Aliasing. E-mail forwarding is an email service in which your email is automatically sent (forwarded) from one or more email address, to another (possibly several) specified email address.

Web Based E-Mail

Now you can check your e-mail from any computer with an Internet connection. Macro Web Hosting Web Based E-Mail is a professional solution for accessing your e-mail from a web browser. In your Site Manager you can choose between IMP * and Neomail for your easy to use web based interface.

Spam Protection

Spam Assassin is a mail filter to identify spam using text analysis. Using its rule base, it uses a wide range of heuristic tests on mail headers and body text, to identify "spam", or unsolicited commercial e-mail

E-Mail Auto responder

An auto responder is a computer program that automatically returns a pre written message to anyone who submits e-mail to a particular Internet address, whether an individual or a Web site. Auto responders are widely used by Web sites for the purpose of responding to visitor comments and suggestions in a preliminary way and, in cases where traffic is heavy, as the sole way to communicate with user inquiries.

Mailing List with Mail List Manager (Mojo Mail)

A Mailing list is a very popular way for people to send and receive information of a particular type. For example, you might wish to add all of your customers to a mailing list and then notify them of upcoming sales or specials by sending only one message to the main list address, which would then send the message to all e-mail addresses contained in that list.

Forms to E-Mail Script

Every account comes with pre-installed forms to e-mail script. This will allow you to make an interactive form on your site where users can submit various information via your web site, which will in turn be e-mailed to your in-box

Forum/Bulletin Board

Every account comes with a pre installed bulletin board. The bulletin board is a threaded World Wide Web discussion forum and message board, which allows users to post new messages, follow-up to existing ones and more.

Site Search Engine

Every account comes with a CGI Search script that will look at all of your html pages for words you enter, and return all the pages on a list with links. This program is completely configured and ready to run.

Guest book

Every account comes with a pre installed guest book. A guest book is a script on a web page with a form which allows web site visitors to "sign in" and leave comments or questions, which optionally may or may not be viewed by other visitor.

Raw Access Logs with Referrer Data

Every account comes with downloadable raw access logs. Raw access logs are used by your graphical web statistic program to generate the charts and graphs. The raw access logs will show the user's IP, date and time of the access, what kind of request was done, which document was requested, HTTP status code, bytes transferred, user agent info, and more. If you prefer to manually interperate your web site statistics, you'll need to download your raw logs to identify who your site's visitors are. Although much more difficult, analyzing raw logs can provide a more detailed look at your sites accesses than graphical web statistics.

Graphical Web Statistics

Every account comes with a graphical web statistic program installed. With this program you will be able to better monitor and track visitors to your site, see which pages get the most traffic, view your monthly bandwidth usage, and much more.

Perl

Perl is a server-side scripting language which is commonly used to write CGI programs. Perl programs, or "scripts", are text files which are parsed (run through and executed) by a program called an "interpreter" on the server.

PHP

A server-side scripting language. The PHP commands, which are embedded in the web page's HTML, are executed on the web server to generate dynamic HTML pages.

Your Own CGI -BIN

Every account comes with a personal CGI -BIN. The CGI -BIN is a directory on the server where the executable CGI scripts reside. We have pre-installed some very popular and common CGI scripts in your CGI -BIN already. You have complete control over your CGI -BIN and can install any custom or 3rd party CGI scripts that you would like.

Macromedia Flash and Shockwave

Flash and Shockwave is multimedia technology developed by Macromedia to allow a lot of interactivity to fit in a relatively small file size.

Microsoft FrontPage

FrontPage is a web publishing application created for non-programmers. The Microsoft FrontPage web authoring and management tool gives you everything you need to get your web site up and running fast. We supports the use of FrontPage 2003, 2002, 2000, 98 and 97.

GNU Compiler Collection

GNU Compiler Collection is part of a collection of software development tools. It contains front ends for C, C++, Objective-C, Fortran, Java and Ada , as well as libraries for these languages. It is a part of the GNU Project, to improve the compiler used in the GNU system including the GNU/ Linux variant.

Server Side Includes (SSI)

SSI (abbreviation for "Server-Side Includes") is a server-side scripting language. SSI scripting commands are embedded within a webpage and are parsed and executed on the web server to generate dynamic HTML pages. Common uses of SSI are to include files (e.g. a header or footer file) that are used on multiple pages, or to show the current date and time.

Unlimited MySQL

Every account comes with as many mySQL databases as you would like, the only limit that may limit the number of databases that you can set up is your total disk space. MySQL is a popular Open Source Software relational database management system which uses a subset of ANSI SQL (Structured Query Language).

Php MyAdmin

Php MyAdmin is a tool written in PHP intended to handle the administration of MySQL over the web. It can create/drop/alter tables, delete/edit/add fields, execute any SQL statement, manage keys on fields, and more.

Backups Performed Every Few Hours

In addition to our normal tape-backup procedures, our state-of-the-art storage system uses "Snap Shot" technology to take a picture of the file system every few hour. This allows us to browse "back in time" at specified intervals to instantly retrieve data from the time period you desire. The process is completely automated and instantaneous.

Our Domain & Name Server: ns.rajeshganta.com [ns 2.rajeshganta.com](http://ns.2.rajeshganta.com)

What You are Waiting For? contact us now

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