

Plesk Web Hosting by PakWaves

Prepared for
Mr. Imran Hanif

Prepared by
Muhammad Wasif Laeeq
Roll # BS (IT) 07-01

April 9, 2008



Department of Computer Science
Bahauddin Zakariya University
Multan, Pakistan

Acknowledgement

First of all, I want to say thanks to Allah. Who enabled me to prepare this report. Then I want to say Thanks to Sir Imran Hanif who allowed me and to prepare the report. Then I want to say Thanks to whole team of "The Planet" especially Mr. Kevin Hazard, Who provided me the details of The Planet and also the Snaps of The Planet.

Contents

1. Introduction.....	04
1.1. History.....	04
1.2. Commercial Stability.....	05
1.3. Business Portfolio.....	06
2. Web Hosting.....	07
2.1. Hosting Control Panels.....	07
2.2. No Virtualization.....	08
2.3. Pre-Installed Scripts.....	09
2.4. Transloader.....	09
2.5. Web Based FTP Client.....	09
2.6. Complete DNS Management.....	11
3. Competitive Advantages.....	12
3.1. Internal Competitors.....	12
3.1.1. cPanel Hosting.....	12
3.2. External Competitors.....	12
3.2.1. Affordability.....	12
3.2.2. Reliability.....	13

1. Introduction

PakWaves provides high quality, cost effective website hosting, website designing and other internet solutions to private entrepreneurs and companies through-out the Pakistan.

1.1. Company History

PakWaves is a Web Development Company Located in Pakistan

The company was established in 2005 as a web development & hosting company In those heady days of the "dot com boom", our services sold quickly and the company grew rapidly, we moved to our own dedicated servers in mid 2006. The real world experience we had of hosting gave us an understanding of the limitations and inadequacies of hosting & website designing solutions on the market at that time, enabling us to create customized hosting solutions and web designing solutions at a low cost, when other companies were charging more for the same services.

PakWaves is a web development, designing and hosting company focused on latest web applications. We offer bespoke solutions, including website creation, eCommerce development, database integration, hosting, and managed services, supporting your organization's total online presence. We at PakWaves focus on one simple, honest value statement: Our clients' success is our only priority. PakWaves offers the e-Business services you need to make your business a success. Website design, eCommerce development, and custom web software needs will be met with speed and precision by our highly trained team of IT professionals.

The professionals at PakWaves have the skills to handle your most demanding projects. Our staff is skilled in a wide range of information technology tools and techniques. Our project leads and technical architects have more than 10 years of combined web development and business analysis experience. Our junior developers and application engineers are constantly undergoing professional development activities and training to ensure that they meet our standards of excellence.

The PakWaves Advantage

Key factors set us apart from the competition:

Exceptional Customer Service

Everyone says they are "Putting Customers First" and why they wouldn't? Customers are the lifeblood of any enterprise. At PakWaves, we're no different - except that we go that bit further; we try harder to ensure that our customers get more than they expected. Our

support desk is staffed by the same knowledgeable experts that develop and maintain our products and servers; your call or email will always be answered by a real person able and empowered to deal with your query or problem. What's more, our friendly, devoted team will tailor their response to your level of technical expertise so whatever your level of knowledge, you'll find we speak your language.

1.2. Commercial Stability

Our servers and intellectual property are fully owned and managed by The Planet & us, we do not depend on any other company to provide your services and have complete control and flexibility over our assets ensuring that we are always able to provide the optimum service for our clients.

Innovation

Innovation is something we've built our business upon. We continually enhance our services with new features and benefits, creating new ways for customers to exploit emerging technologies and the latest ideas. Our product development is led by feedback from our users, if you would like a feature added to your hosting service or new features to our existing range of software, let us know!

Reliability

Our commitment to using premium quality equipment and building resilience into our solutions, coupled with our expert technical knowledge and experience means you can be confident that your business critical web site is always online. We consistently achieve 100% availability month in month out and our reputation for reliability is emphasized by customer testimonials.

Office Location

Located in Multan Pakistan

Postal Address: Pakwaves WebDevelopment Solution , Gulgasht , Multan Pakistan

Phone Numbers: 0092-302-8739885

1.3. Business Portfolio

We have over 100 sites hosted on our server, some of sites are:

Autocrat-art.org

Autocrat Art, Professional Photographer website Buffalo, New York

NawaeSehar.com

A website of monthly Magazine released from Multan.

Bmgapt.com

Buffalo Management Group – A Property Dealer..

Likhary.com

A website for connecting all writers of Pakistan.

Sukhanwar.net

Website of Mr. Razi Ud Din Razi

Almuslameen.Info

An Islamic Website.

Nylahasan.com

Image Consultant Nyla Hasan personal website, Toronto Canada.

Actionnetsolutions.com

Custom website design for IT company in California, USA.

Gulgasht.com

FunFog.com

FuntiBunti.com

Daflee.com

villasinitaly.biz

Siamthai.ie

Ccitymortgage.com

Trinitypark.org

2. Web Hosting

Whenever a Person has to get a website, He must have to get two things. One is Web Hosting & other is Domain Name

Web Hosting is basically an Internet service that allows individuals and organizations to provide their own website accessible via the World Wide Web.

2.1 Hosting Control Panels

Hosting Control Panels are Web based Panels that provide you an Interface to interact with the Facilities Provided to You by Your Hosting Company.

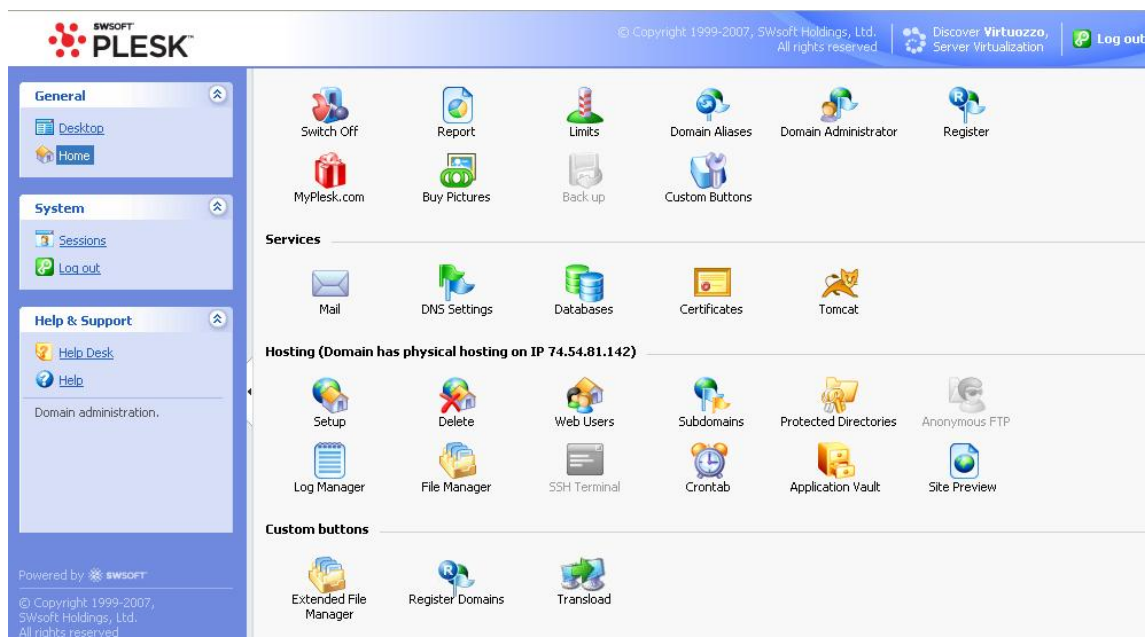
There are many Hosting Control Panels, Names of 3 popular hosting control panels are given below.



The Panels which are provided to customers by PakWaves are Plesk & cPanel

Plesk Panel

Plesk Panel is most secure control panel, because it uses secure protocol (https) for access.



2.2 No Virtualization (for web space & bandwidth)

Plesk Panel does not support Virtualization for web space & bandwidth. But Other Control Panels have relaxation for the hosting provider.

E.g.:

A Web server has 20 GB hard drive. If there is cPanel, Then You can give 40 GB quota for one customer and can also give Unlimited Space to Your Customer. But there is originally only 20GB, You are Virtually assigning this space but when one customer to whom you have allocated 40 GB have reached on 20 GB the space on the hard drive will be full. So He cannot put more data on server.

But if there is Plesk Panel, You cannot allocate more than 20GB to Customer. If you have allocated 10GB quota to two customers then your hard drive is full, you cannot allocate more space to any account.

2.3 Pre-Installed Scripts

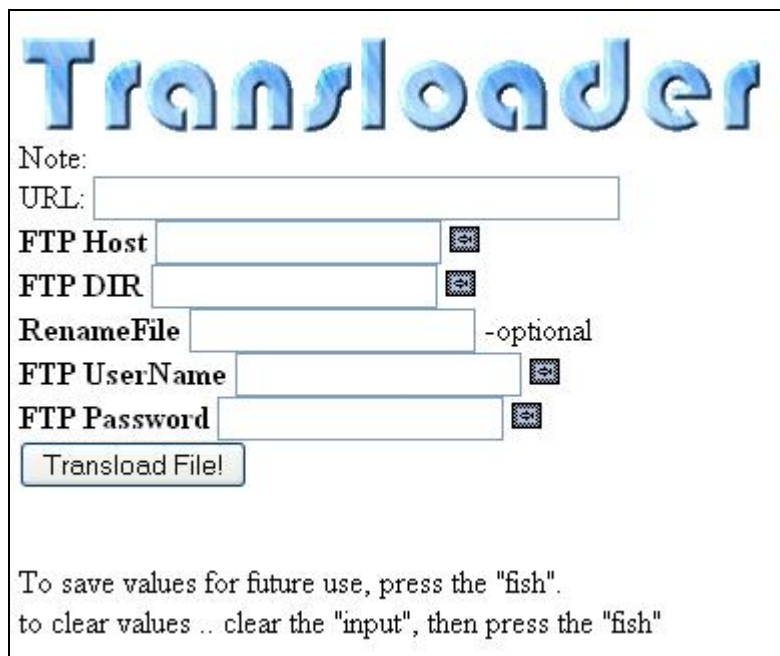
These are the scripts that are provided with the Hosting Control Panel. You can install these scripts just by clicking two or three buttons.

Here is the comparison of pre-Installed Scripts

 67 scripts	 91 scripts	 58 scripts
--	--	--


2.4 Transloader


Transloading is a technique similar to downloading & uploading. In download we transfer a file from a server to our PC & in upload we transfer files from our PC to server. But in Transloading we transfer a file from one server to another. This Service is only provided by PakWaves, No other company provides this facility.




Note:


URL:

FTP Host 

FTP DIR 

RenameFile -optional

FTP UserName 

FTP Password 

To save values for future use, press the "fish".
to clear values .. clear the "input", then press the "fish"

A screenshot of Transloader

2.5 Web Based FTP Client (Net2Ftp)

It is a web based FTP client which is provided by PakWaves within the Plesk panel.

A Plesk Panel hosting purchased from any other hosting provider will not have this client.

Features of Net2FTP

Navigate the FTP server

Once you have logged in, you can browse from directory to directory and see all the subdirectories and files.

Upload files

There are 3 different ways to upload files: the standard upload form, the upload-and-unzip functionality, and the Java Applet.

Download files

Click on a filename to quickly download one file.

Select multiple files and click on Download; the selected files will be downloaded in a zip archive.

Zip files

Compress files and save the zip archive on the FTP server, or email it to someone.

Unzip files

Different formats are supported: .zip, .tar, .tgz and .gz.

Install software

Choose from a list of popular applications (PHP required).

Copy, move and delete

Directories are handled recursively, meaning that their content (subdirectories and files) will also be copied, moved or deleted.

Copy or move to a 2nd FTP server

Handy to import files to your FTP server, or to export files from your FTP server to another FTP server.

Rename and chmod

Chmod handles directories recursively.

View code with syntax highlighting

PHP functions are linked to the documentation on php.net.

Plain text editor Edit text right from your browser; every time you save the changes the new file is transferred to the FTP server.

HTML editors

Edit HTML a What-You-See-Is-What-You-Get (WYSIWYG) form; there are 2 different editors to choose from.

Code editor

Edit HTML and PHP in an editor with syntax highlighting.

Search for words or phrases

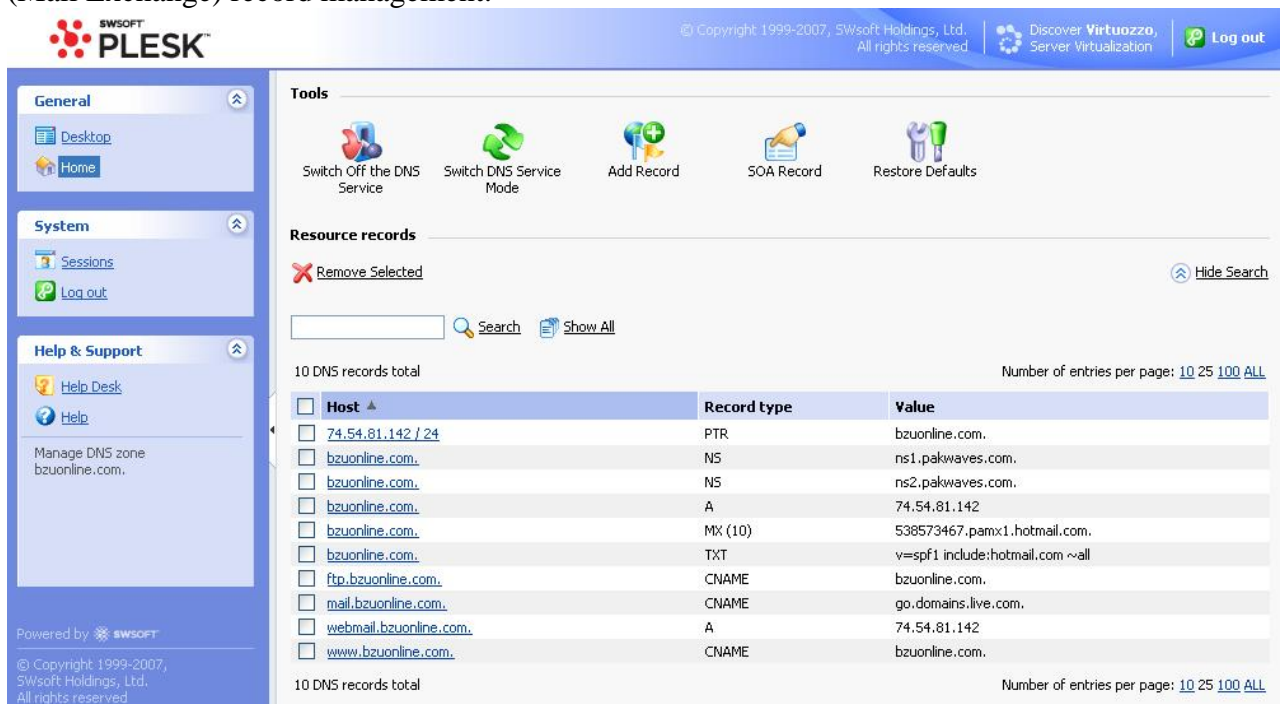
Filter out files based on the filename, last modification time and file size.

Calculate size

Calculate the size of directories and files.

2.6. Complete DNS Management

Plesk panel provides complete DNS management, but other panels provide only MX (Mail Exchange) record management.



The screenshot displays the Plesk DNS Management interface. The top navigation bar includes the Plesk logo, copyright information, and a 'Log out' button. The left sidebar contains navigation menus for 'General', 'System', and 'Help & Support'. The main content area is titled 'Tools' and 'Resource records'. The 'Resource records' section shows a list of 10 DNS records for the domain 'bzuonline.com'. The records are as follows:

Host	Record type	Value
74.54.81.142 / 24	PTR	bzuonline.com.
bzuonline.com.	NS	ns1.pakwaves.com.
bzuonline.com.	NS	ns2.pakwaves.com.
bzuonline.com.	A	74.54.81.142
bzuonline.com.	MX (10)	538573467.pamx1.hotmail.com.
bzuonline.com.	TXT	v=spf1 include:hotmail.com ~all
ftp.bzuonline.com.	CNAME	bzuonline.com.
mail.bzuonline.com.	CNAME	go.domains.live.com.
webmail.bzuonline.com.	A	74.54.81.142
www.bzuonline.com.	CNAME	bzuonline.com.

3. Competitive Advantages

3.1. Internal Competitors:

PakWaves also provides cPanel hosting but cPanel Hosting cannot compete with Plesk hosting

	Plesk Hosting	cPanel Hosting
Virtual Quota allocation	NO	YES
Complete DNS Management	YES	NO
Pre-Installed Scripts	91	67
Secure Login	YES	NO

3.2. External Competitors:

PakWaves beats its competitors on the following basis

3.2.1. Affordability

Plesk hosting, provided by PakWaves is affordable, & is of low cost than its competitors. Price comparison of PakWaves with its competitors is given below

Web Space	PakWaves	Competitors
100MB	RS 200 / Year	500-1000 / Year
1GB	RS 600 / Year	1200-1500 / Year
5GB	RS 1200 / Year	2000-3000 / Year

3.2.2. Reliability

PakWaves is reliable because our server is located in the world's Largest Data center (The Planet).

Data Center Tour

Data Center of PakWaves is The Planet, Which is World's Largest Data Center located at Dallas, Texas, USA.



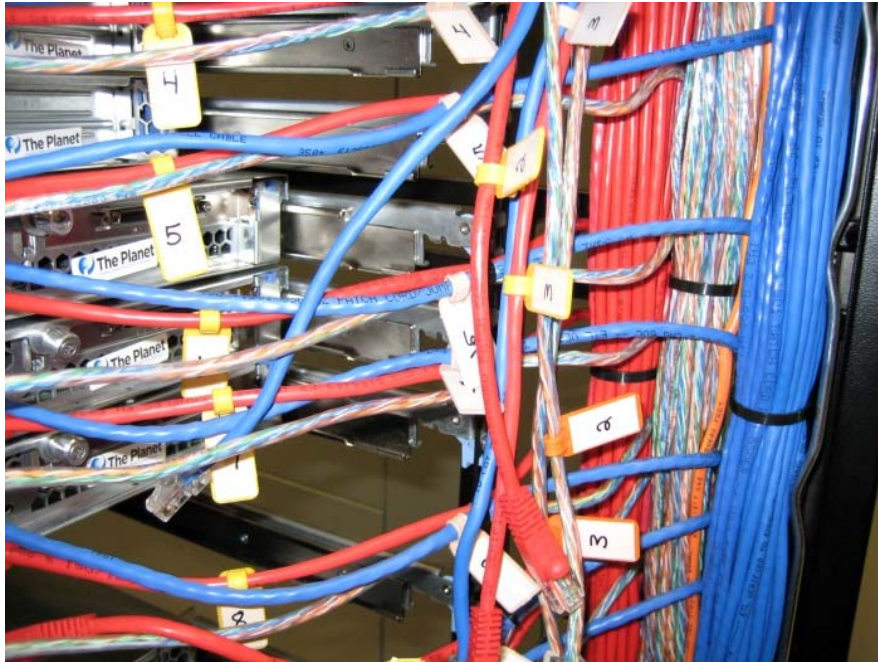
More than 40,000 Servers

The planet has more than 40,000 servers at their 6 datacenters.



Highest Bandwidth Capacity

The Planet leads the hosting Industry with highest bandwidth capacity of 100gigabit/sec



Uninterrupted Power Supply

The Planet has a well managed UPS system Containing many huge Generators, switches and UPS's.



Power Generators



UPS Room (Contains many UPS Batteries)

