

Web Hosting

Web hosting is the way people and companies have a presence on the web. The Internet makes it possible for users around the world to put up websites that can be accessed world wide. Any business that wants to have a market presence needs a website as a window to their products and services.



Types of Web Hosting

Free Hosting Some service providers offer free web hosting. It is best suited for small sites with low traffic, like family sites or sites about hobbies.

Tech support is limited, and options are few. Often you can't use your own domain name, and you have to use a name provided by your host. Free sites are also prone to limited space, no additional email accounts, advertising, banners, pop-ups and many other restrictions.

ISP based — Many Internet Service Providers allow for their customers to have small spaces on their servers for personal websites. These are generally limited to personal websites designed to discuss hobbies, interests, or display family pictures and information. These have little or no commercial value whatsoever, and are mentioned merely to provide closure of the circle on this topic.

They generally have very limited space and provide no additional email accounts other than the ones the ISP provides to begin with. They do not allow top level domains and in fact are usually buried several layers deep in the ISP's address making them difficult to find and navigate to.

Shared (Virtual) Hosting - Shared hosting is very common, and very cost effective. Your web site is hosted on a powerful server along with maybe 100 other web sites. On a shared host it is common that each web site have their own domain name.

Shared solutions often offer multiple software solutions like email, database, and many different editing options. Technical support tends to be good.

Dedicated Hosting - With dedicated hosting your web site is hosted on a dedicated server. It is the most expensive form of hosting. The solution is best suited for large web sites with high traffic, and web sites that use special software.

You should expect dedicated hosting to be very powerful and secure, with almost unlimited software solutions.

Collocated Hosting - Collocation means "co-location". It is a solution that lets you place (locate) your own web server on the premises (locations) of a service provider. This is pretty much the same as running your own server in your own office, only that it is located at a place better designed for it. Most likely a provider will have dedicated resources like high-security against fire and vandalism, regulated backup power, dedicated Internet connections and more.

VDS/ VPS - Virtual private server is a type of web site hosting that is based on dividing a physical server into several virtual ones. It costs less though gives same possibilities as Dedicated server. Now, when we've examined different types of hosting services, you can decide which type of hosting is the most suitable for you.

Web Hosting Technologies

Windows Hosting Technology - Windows hosting means hosting of web services that runs on the Windows operating system. You should choose Windows hosting if you plan to use ASP (Active Server Pages) as server scripting, or if you plan to use a database like Microsoft Access or Microsoft SQL Server. Windows hosting is also the best choice if you plan to develop your web site using Microsoft Front Page.

Unix Hosting - Unix hosting means hosting of web services that runs on the Unix operating system. Unix was the first (original) web server operating system, and it is known for being reliable and stable. Often less expensive than Windows.

Linux Hosting - Linux hosting means hosting of web services that runs on the Linux operating system. Linux Server will and do host Database back ends like MySQL (and can run an Access (.mdb) database for displaying information only)

CGI - Web pages can be executed as CGI scripts. CGI scripts are executables that will execute on the server to produce dynamic and interactive web pages.

Most Internet service providers will offer some kind of CGI capabilities. And many will offer pre-installed, ready to run, guest-books, page-counters, and chat-forums solutions written in CGI scripts.

The use of CGI is most common on Unix or Linux servers.

ASP - Active Server Pages - Active Server Pages is a server-side scripting technology developed by Microsoft.

With ASP you can create dynamic web pages by putting script code inside your HTML pages. The code is executed by the web server before the page is returned to the browser. Both Visual Basic and JavaScript can be used.

ASP is a standard component in Windows 95,98, 2000, and XP. It can be activated on all computers running Windows.

Many web hosting providers are offering ASP, as it is becoming a more and more popular technology.

Chili!Soft ASP - Microsoft's ASP technology runs only on Windows platforms. However, Chili!Soft ASP is a software product that allows ASP to run on UNIX and some other platforms.

JSP - JSP is a server-side technology much like ASP developed by Sun. With JSP you can create dynamic web pages by putting Java code inside your HTML pages. The code is executed by the

web server before the page is returned to the browser.

Since JSP uses Java, the technology is not restricted to any server-specific platform.

FrontPage - FrontPage is a very common web site design tool developed by Microsoft. FrontPage allows users to develop a web site without any deep



knowledge of web development. Most Windows hosting solutions support FrontPage server extensions for users that use FrontPage to develop their web site.

If you plan to use FrontPage, you should look for a Windows hosting solution (meaning not Unix / Linux).

PHP - Just like ASP, PHP is a server-side scripting language which allows you to create dynamic web pages by putting script code inside your HTML pages. The code is executed by the web server before the page is returned to the browser.

Cold Fusion - Cold Fusion is another server-side scripting language used to develop dynamic web pages.

Cold Fusion is developed by Macromedia.

Secure Server - A secure server can transmit data encrypted. If you plan to do online credit card transactions, or other types of web communication that needs to be protected against unauthorized access, your web host must provide a secure server.

Web Hosting Prices

Pricing for Web Hosting Services varies based on several criteria. They include the space the site is likely to require, the transactional bandwidth, and whether the web site is housed on a shared or dedicated server. Services are constantly monitored and we take a proactive approach to maintaining the web space we provide.



Email accounts and Collaboration are available and **Thunderdome Systems** will provide unlimited email accounts. We also provide auto responders, domain names, site building & marketing, e-commerce, and shopping carts.

Our preferred platform for web servers is Linux primarily due to the add on security value that is inherent in the platform. Other platforms are available on request.

Summary

At **Thunderdome Systems** we provide quality services to our clients at the lowest possible prices. We recognize that the clients success is linked to the manner in which we deliver services and the quality we deliver. Accordingly we have made it our mission to tie our success directly to the success of our clients. Assuring their profitability drives their success. That is the measure of our own success.

The members of the **Thunderdome Systems** team make every effort, every day, to assure that our clients are provided the best possible products and services. Setting a higher Service Delivery standard binds us to making sure that each and every job is completed as it should be: on time and at the best possible costs.

Please, call us today at (336) 391-7833