

TRULY DYNAMIC
DNS



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DNS2Go™

n a m e your space

NAME YOUR SPACE

Sometimes you want to be followed.

For example, if you've ever considered hosting a web or FTP site on a computer with a broadband or dial-up Internet connection, chances are you would want a domain name so that friends and family could use "yourdomain.com" to reach you. But this usually isn't possible simply because a domain name must point a *static* IP address, and there's a good chance (if you have a broadband or dialup connection) that yours changes. It could change daily, hourly, weekly, whatever.

What you need is for your domain name to *follow* your dynamic, ever-changing IP address so that other users on the Internet can easily reach you.

DNS2Go is the solution to this problem. DNS2Go allows anyone to associate a friendly, easy-to-remember domain name with an Internet-connected computer, even if its Internet connection uses dynamic IP address assignment. A DNS2Go domain name will, in fact, follow your current IP address to the ends of the earth, even through routers and firewalls.

DNS2Go allows you to name your space. It's the perfect service for those seeking to leverage the true potential of their computer and Internet connection. Host your own website. Host an FTP server so that you can exchange files with family and friends. Host your own email server and provide everyone in your family with a highly personalized email address.

DNS2Go can make all of this (and much more) possible. Enjoy the complete control associated with hosting Internet services on your own computer, wherever it happens to

IT JUST WORKS

DNS2Go is extremely easy to use; you can sign up for a DNS2Go domain (such as `yourname.dns2go.com`), or you can register your own top-level domain (such as `yourname.com`). If you decide to use a DNS2Go domain, you'll have no less than twenty-five subdomain options to choose from.

Once you've decided what type of domain name you want, you simply install a small piece of software on the computer that the domain will point to, and complete the DNS2Go account sign-up process. It's as simple as that.

But how does it work, exactly?

The DNS2Go client software is installed on the computer with which you want to associate your domain name. The software always knows your computer's current IP address, and it quietly and automatically notifies the DNS2Go service whenever that IP address changes.

The DNS2Go service then modifies the DNS zone records associated with your domain, and the change takes effect almost immediately. The bottom line is that anyone typing your domain name into a web browser or other client software will be led to your *current* IP address. No matter how often it changes.

DNS2Go also uses a "heartbeat" protocol to determine when your computer has temporarily gone offline. DNS2Go can use this connection state knowledge in useful ways - by redirecting your domain name to a specified IP address whenever you go offline, for example. Or by redirecting web requests for your domain to an alternate URL.

A SMARTER APPROACH

DNS2Go uses “intelligent” connection technology to ensure that you get connected to the DNS2Go service and stay that way. During the service connection process, DNS2Go can dynamically switch between DNS2Go service outlets, which are located on separate physical circuits. If the connection to one service outlet fails, the DNS2Go client software can automatically switch to another server. If your connection to the DNS2Go service is lost, the DNS2Go client will automatically try to re-connect, repeatedly... as many times as you configure it to do so. Alternatively, if your computer suddenly goes “off-line” (e.g. your Internet connection is broken), the DNS2Go client will wait patiently until your connection is restored and then automatically re-connect when it can.

The DNS2Go service infrastructure is supported by state-of-the-art hardware and connectivity, with multiple Internet connections for load distribution and failover. Redundant DNS2Go service and DNS servers virtually eliminate service downtime, but if a problem does occur the systems are monitored 24/7 by trained experts, ready at a moment’s notice.

Supported operating systems include Windows 95/98/ME/NT/2000/XP and most major Linux distributions. We also provide a PERL client and a web-based client. So no matter what OS you’re running, we’ve got you covered.

For more information, please visit the DNS2Go website at www.dns2go.com, or email [Deerfield.com at sales@deerfield.com](mailto:sales@deerfield.com).