

6 providers of the best free dynamic DNS

Dynamic DNS (also known as DDNS or DynDNS) is a service to map Internet domain names to a computer with a dynamic IP address. Most computers connect to the router via DHCP, which means that the router randomly assigns an IP address to the computer.

Dynamic DNS (Dynamic DNS, DDNS or DynDNS) is a service to map Internet domain names to a computer with a dynamic IP address. Most computers connect to the router via DHCP, which means that the router randomly assigns an IP address to the computer. This also means that the computer IP address is always changing and this makes it difficult to connect from outside. Dynamic DNS (dynamic DNS) solves this problem by constantly updating DNS services with the latest IP address.

If you're looking to run a home network, here are some of the best free Dynamic DNS providers you can use.

1. How to change DNS to surf faster, speed up Internet
2. The best, fastest DNS list of Google, VNPT, FPT, Viettel, Singapore

Where is the best free Dynamic DNS service?

1. Securepoint DynDNS
2. Dynu
3. DynDNS Service
4. Afraid.org
5. DuckDNS
6. No-IP

1. Securepoint DynDNS



This is a DDNS provider based in Germany and completely free. One of the first things that caught the attention of users on this site was the number of 5 servers and 100 domains. In addition, the provider's service is also compatible with firewalls and other manufacturers' devices. Although this is a "secure point" service provider, users are still allowed to use the services without "secure point" devices.

The registration of the service of Securepoint DynDNS is easy and fast. You only need your username, email address and password. After registering, you can start using the service when receiving confirmation email.

Securepoint DynDNS supports the IPv6 protocol and the updated token code acts as an additional password to enhance security.

2. Dynu.com



Unlike Securepoint DynDNS, Dynu is not completely free. It offers a free version and a paid version. The paid version has some additional features. However, the free version will provide reliable DNS uptime, through a number of servers located worldwide. This is important because it means that even the top level domains will work, no matter which country they belong to.

Users can download the DDNS client for free, which will run in the background and automatically update the DNS record when the user's IP address changes. With the free version, all services are only available for a single subdomain name. These services include email, domain registration and SSL certificates. With the paid version, users can use all the above services for an unlimited number of subdomains.

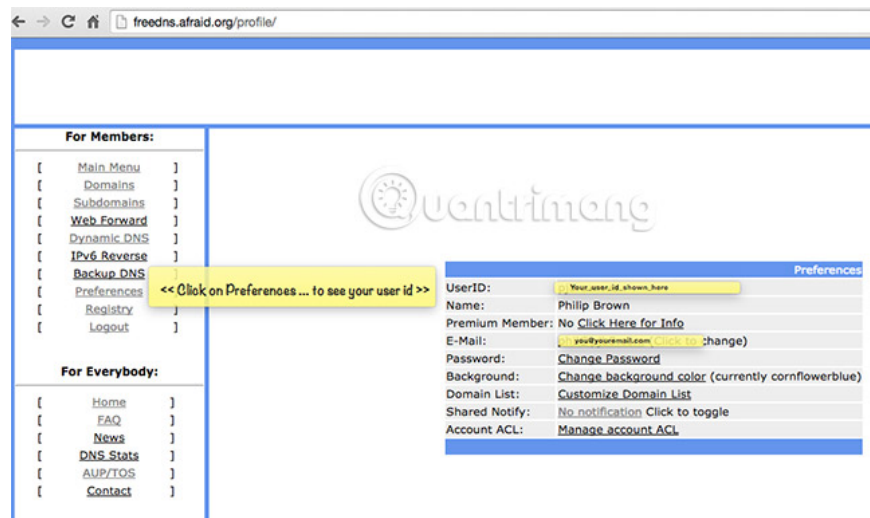
3. DynDNS Service

This German DDNS provider also offers free services. If you want to use additional features, users can choose the paid version.

The free version can contain up to 3 DDNS domains. The only requirement is to set up a free account. This setup process is very simple. You will need to create a DDNS campaign and enter account data into the router.

Link to reference: dyndns.net/eng

4. Afraid.org



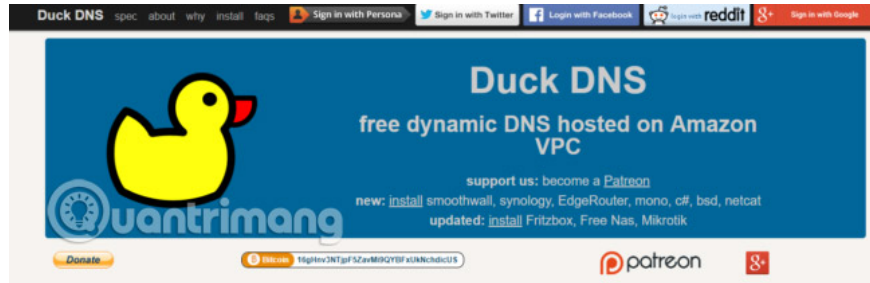
The name sounds a bit funny, but don't hesitate to try this dynamic DNS service! Afraid.org also offers different types of free hosting. This provider has an unlimited feature list including:

1. DNS services, dynamic DNS, static DNS for free.
2. Store domain, secondary domain and DNS backup for free, hosting DNS IPv6 reverse (forward / reverse). Reverse DNS is just one aspect of domain system behavior (DNS). Its main function is to translate web address numbers - IP addresses, into domain names / host names, in stark contrast to the DNS Forward process.
3. Free URL redirection (web forwarding).
4. Paid services are available to increase account capacity.
5. Unlimited number of domains per account.
6. Shared hostnames for free.

The process of setting up an account with Afraid.org is quite simple (it usually takes less than 5 minutes to complete). After setting up an account, the service will take effect immediately. Users can also choose from more than 90,000 domains. Afraid.org provides URL redirection for all domains.

Link reference: freedns.afraid.org

5. DuckDNS.org

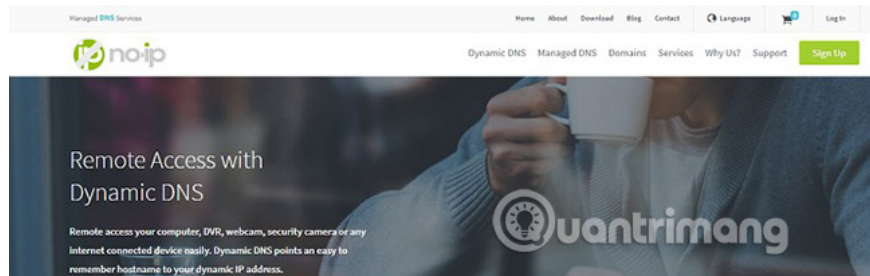


DuckDNS dynamic DNS service provider is built using Amazon infrastructure. The website is quite simple and the entire system is run by just two software engineers.

However, this system has a large number of written instructions to help set up DuckDNS on some platforms. These platforms include macOS, Windows and Linux, etc.

Each account is allowed to have 4 subdomains on Duckdns.org. If you want more subdomains, you have to donate some money to the development team.

6. No-IP



This US-based DDNS provider offers a free package as well as two paid service packages. The free version is limited to 3 hostnames, limited domain numbers and requires account verification every 30 days. If the account is not verified, they will be deleted immediately.

The free software version will also have a lot of ads. In contrast, the paid version does not have any deductions mentioned above.

It should be noted that free DDNS providers have several limitations such as not being allowed to choose any URL and hope that it will be forwarded to your server. After selecting a hostname, the user will be limited to the selected domains. These providers serve users in the most basic ways. Some of these free service providers will offer more options than other competitors.

See more:

1. Instructions for changing Google DNS 8.8.8.8 8.8.4.4
2. How to change DNS Quad9 to block malicious domain
3. 3 "legitimate" reasons to change DNS Server

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