

Adata Guides



DDNS Guide

This document details opening and enabling a DDNS account for use with a Dynamic IP address

A D A T A I t d

www.adata.co.uk

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WHAT IS DDNS?

A DDNS or Dynamic Domain Name Service is needed when you're using a Dynamic IP address. As your IP address can change every day (indeed more than once a day), simply using your current IP address isn't viable.

What the DDNS does is gives you a web address that your router then updates (once the router is configured to do so) with its current IP address meaning you can always log in to your network from a single address.

This guide will cover creating a free DDNS account and touch upon the methods of updating that address.

STEP 1. SELECTING AN ADDRESS

Go to DynDNS.com at <http://www.dyndns.com>

The Service you want is DYNDNS free. This is located at the bottom of the page. Then select “get it now”

This screenshot shows the DynDNS homepage. At the top, there are navigation links and a search bar. Below that, a section titled "Who uses it?" lists various use cases. The "What can it do?" section highlights features like reliable DNS and performance. A central banner promotes "Standard", "Enterprise Lite", and "Enterprise" plans, each with a "GET STARTED" button. Below this is a blue banner for "Looking for yourname.dyndns.org?" with a "GET DYNDNS PRO NOW" button. The "Additional Products" section features four icons: "DynDNS Free" (highlighted with a red box), "DynDNS Pro", "Secondary DNS", and "Domain Registration". The footer contains "About Dyn", "Get Help", "Connect with Us", and "Dyn" contact information.

This screenshot shows the "DynDNS Free" product page. The header includes the Dyn logo, navigation links for DNS, EMAIL, and LABS, and a search bar. The main heading reads "DynDNS Free Free DNS for 10 years and counting." with a "GET IT NOW" button highlighted by a red box. A left sidebar menu lists various services, with "DynDNS Free" selected. The main content area is divided into three columns: "Free DNS When You Need It" (highlighted with a red box), "Query volume" (up to 648,000 queries per month), and "Free service" (two hostnames from 18 available free domain names). Below this is a section for "Uptime when you're down". At the bottom, there is a "WebHop" section and another "GET IT NOW" button highlighted with a red box.

You will be presented with a new box asking for various details about the account you are going to create.

Add New Hostname

[↑ Host Services](#)

You don't currently have a [Dynamic DNS Pro service](#) in your account.

To get the full benefits of Dynamic DNS, including premium subscriber domains and other features, [add Dynamic DNS Pro to your shopping cart](#) (or try it with \$1.99 [monthly subscription](#)).

Hostname: ·

Wildcard: create "*.host.dyndns-yourdomain.com" alias
only for DynDNS Pro users
(for example to use same settings for www.host.dyndns-yourdomain.com)

Service Type: Host with IP address
 WebHop Redirect (URL forwarding service)
 Offline Hostname

IP Address:
[Your current location's IP address is 212.58.47.46](#)

IPv6 Address (optional):

TTL value is 60 seconds. [Edit TTL...](#)

Mail Routing: I have mail server with another name and would like to add MX hostname...

[Add To Cart](#)

1st you will need to choose a name for your broadband connection. This needs to be easily memorable and you have a selection of various suffixes to choose from. (See above)

The service you want is, Host with IP address.

Next add your current IP address (clicking the link will fill this box for you)

The ipv6 address is not required nor is the TTL or mail routing in this instance.

When satisfied click "Add To Cart"

CREATING YOUR ACCOUNT

Once you have selected your web address you will need to create an account with dyndns in order to activate it.

You will be presented with the following screen.

The screenshot shows a web browser window with the URL <https://www.dyndns.com/account/cart/>. The page is titled "Shopping Cart" and displays a message: "Host adatas.dyndns-remote.com added to cart. Finish FREE checkout to activate." Below this, there is an "Upgrade Options" section with a yellow background, stating that free accounts allow only two Dynamic DNS hosts and offering options to purchase Dynamic DNS Pro for \$15.00 per year or use Dyn Standard DNS for a "your own domain". A table lists the Dynamic DNS Hosts:

Dynamic DNS Hosts	Remove	Price
adatas.dyndns-remote.com	remove	\$0.00

The "Order Total" is \$0.00. Below the cart, there is a section for account creation with the heading "Create account or log in to continue checkout:". It includes fields for Username, Password, Confirm password, Email, and Confirm Email. There is also a security image with numbers 8, 3, 1, 5, 6 and a checkbox for subscribing to the DynDNS.com newsletter. A "Create Account" button is visible at the bottom. To the right, there is a "Log in" section with fields for Username and Password, and a "Log in" button. A "Forgot your password?" link is also present.

Your username and password should be unique and memorable. If need be take a note of these as you will need them again when configuring DDNS on your router.

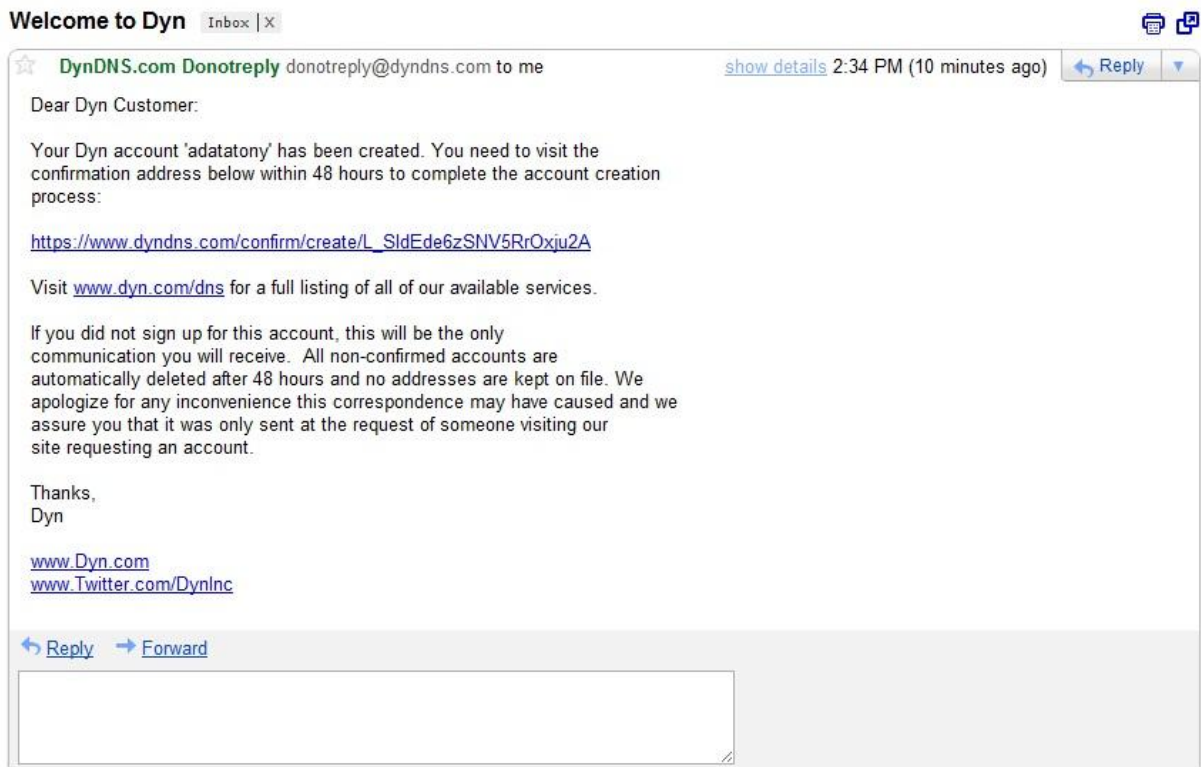
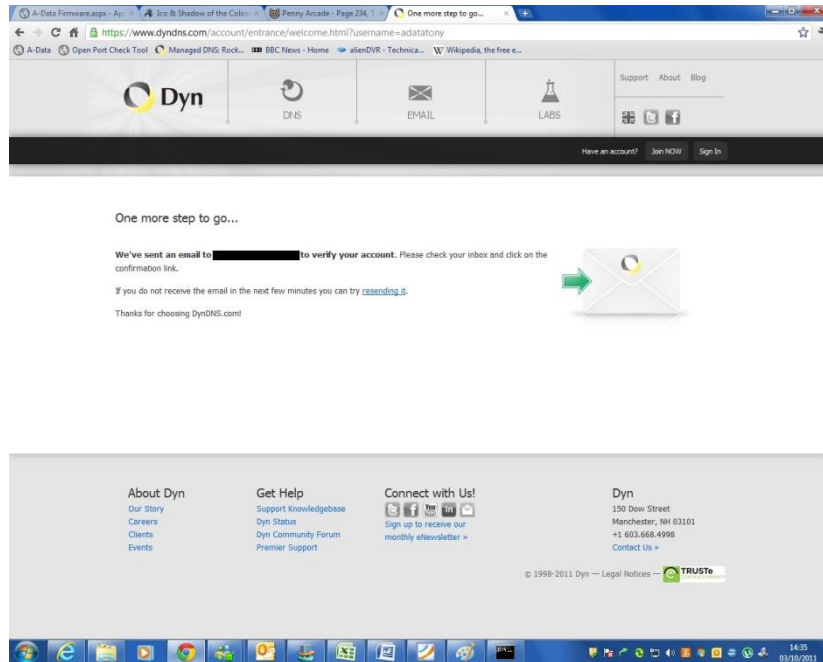
Your email address is needed to send you the activation link.

You will also need to confirm you are human with the security image and tick to accept the use policies.

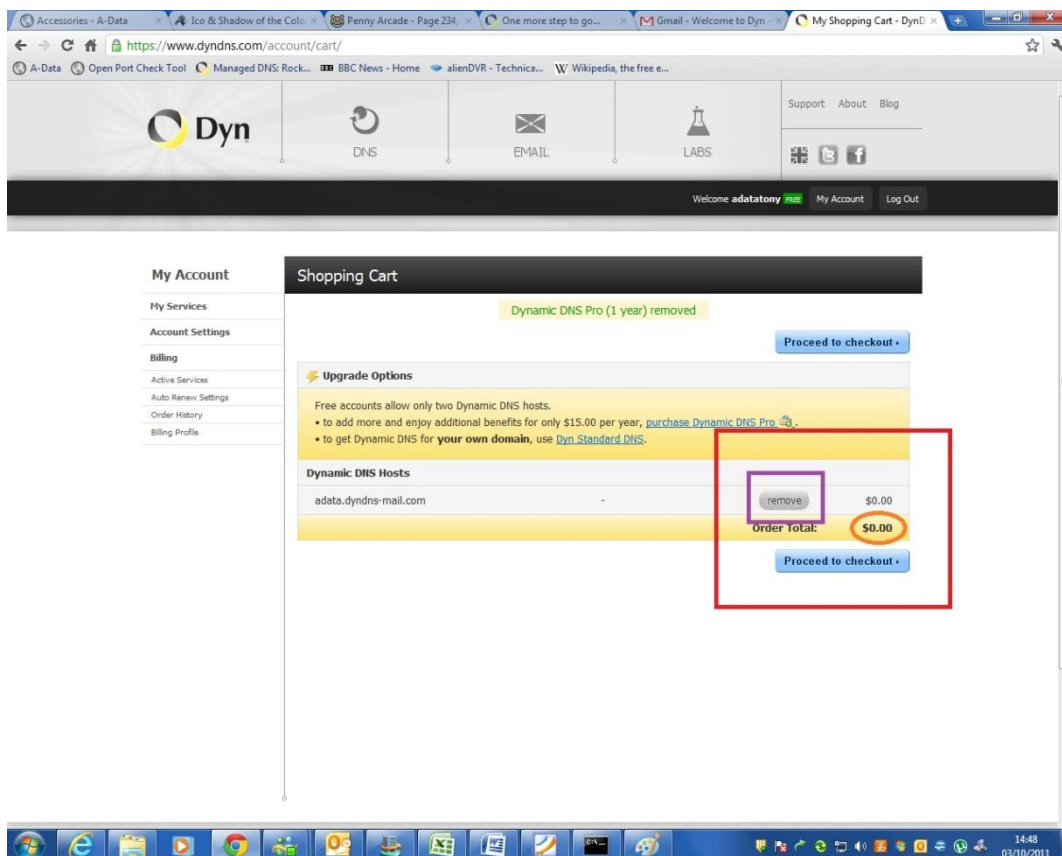
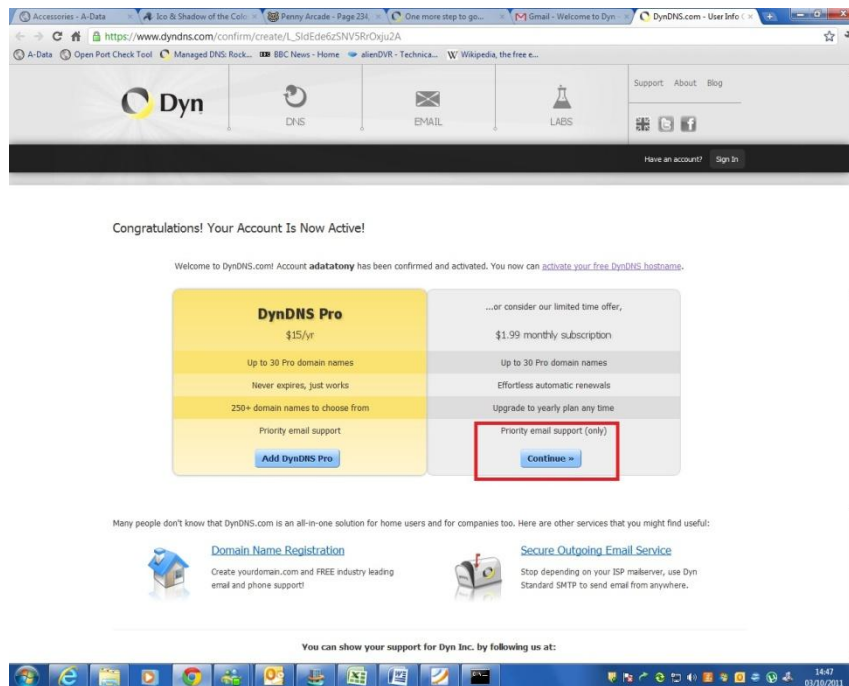
When you are satisfied with your details click "Create Account".

STEP 3: ACTIVATING YOUR SERVICE

When you've created your account a new message will be sent to the email you specified for confirmation: See below.

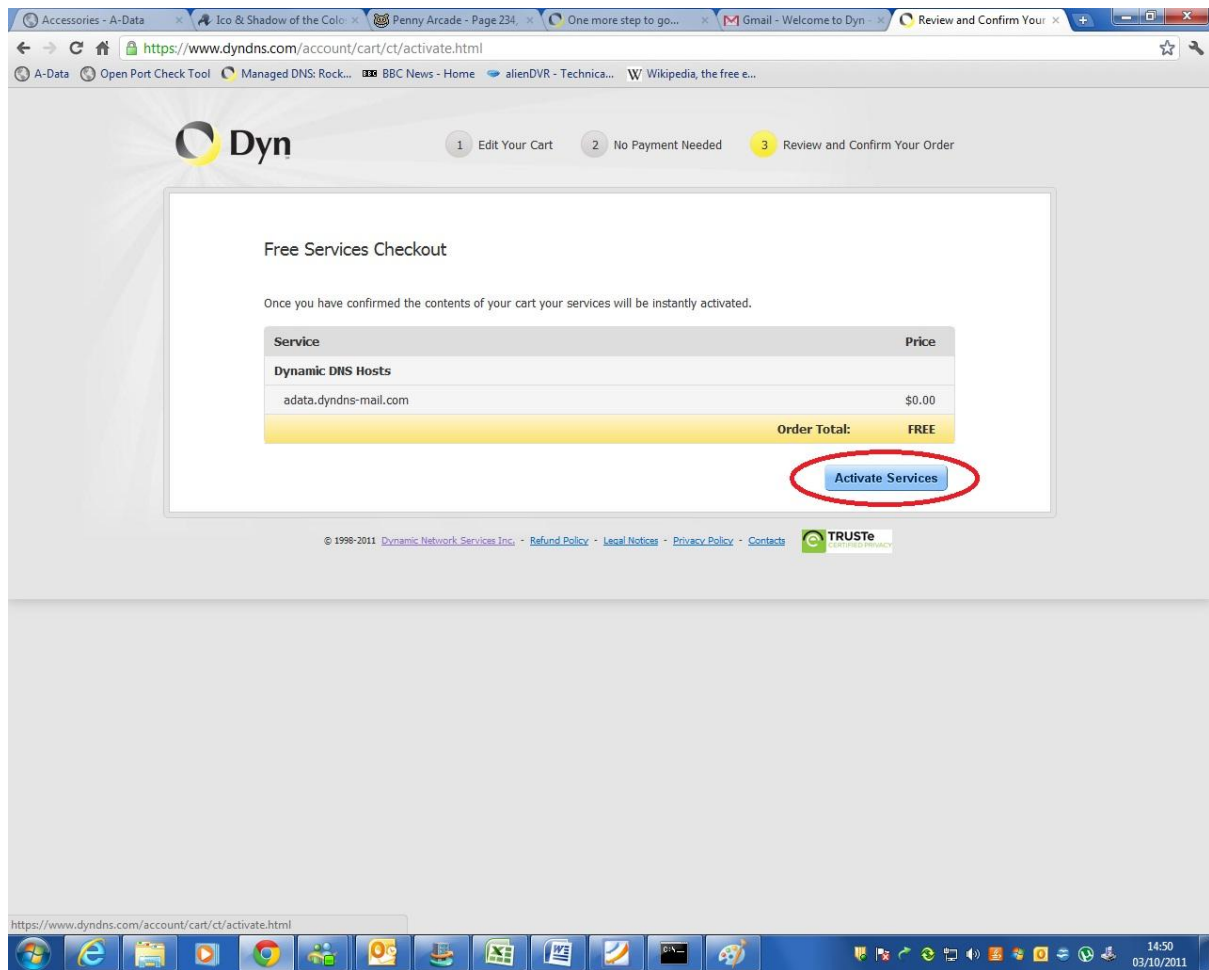


Click on the link to activate the account. This will bring up the following screen



Click on continue (highlighted), then click the remove button leaving only your requested web address. The total should read as \$0.00. You can of course use the paid version if wanted as it provides you with more service and options.

Once this is done the following window will appear:



Click on activate services and congratulations you have now activated your DNS. All you need to do now is activate it with your router.

ACTIVATING DDNS ON YOUR ROUTER

Activating DDNS on your router is usually a fairly straightforward affair. However this can depend greatly on your router manufacturer and there is unfortunately no set layout between router types.

The most common routers are Netgear/Belkin and the BT and Virgin hubs.

Netgear support: [http://support.netgear.com/app/answers/detail/a_id/1058/~/what-is-dynamic-dns-\(ddns\)%3F](http://support.netgear.com/app/answers/detail/a_id/1058/~/what-is-dynamic-dns-(ddns)%3F)

Belkin Support: [http://en-us-support.belkin.com/app/answers/detail/a_id/44/~/setting-up-dynamic-dns-\(ddns\)-on-your-router](http://en-us-support.belkin.com/app/answers/detail/a_id/44/~/setting-up-dynamic-dns-(ddns)-on-your-router)

BT and Virgin hubs unfortunately do not support DDNS. Your best option in this case is to use an updater tool on a pc on the same network. Or use

<http://dyn.com/support/clients/>

This can also be done on the DVR itself. In the settings menu of the DVR there is a DDNS section



Simply add in your user and password and domain name as you would with the router.

For other router types it's recommended to refer to your router manufacturer or ISP in order to have them configure the router on your behalf.

Once the account is activated and the router is configured you will be able to log into your DVR from any location using your new web address.