

123 Manual

How to create an account for DDNS.

DYNDNS_M123_ENB01W

What do DDNS mean?

In Dynamic IP connections, DDNS is the functionality option that updates a changing IP register to a Dynamic domain. This means that when you have an Internet Service Provider that assigns you a dynamic IP address, when it changes, it is associated to a virtual name through which you will be able to access the equipment from any point in the Internet. Before DDNS, the equipment access could only be done through a fixed IP address.

How does DDNS work?

When your ISP assigns dynamic IP addresses to your equipment, those IP addresses change from time to time, then, you need to create an account associated to your equipment which possesses the DDNS functionality by creating an Alias, which will also be associated to your equipment. When your ISP changes the IP address of your equipment, the equipment will address the server where that alias is and will substitute de IP address for the new one. If you query the Internet for that alias, the Internet answers with the current IP address.

How can I create this account?

There are several provider s of the DDNS service, one of the most popular is www.dyndns.org. You need to create an account before creating the Alias.

1

Open your browser and navigate to the following address: www.dyndns.org as shown in **figure 1**

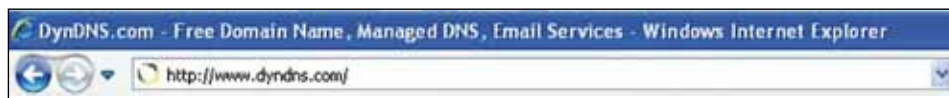
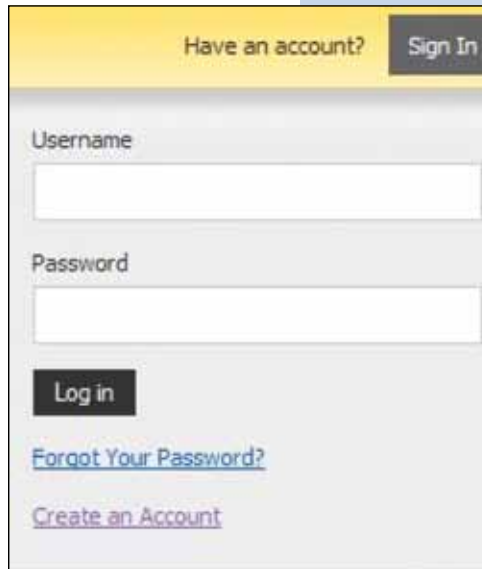


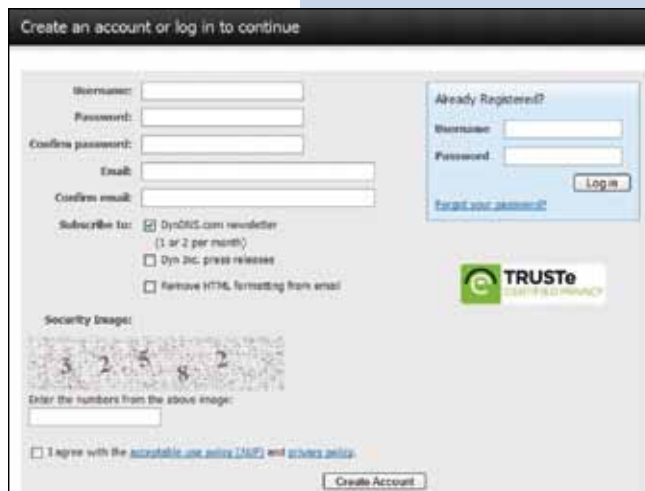
Figure 1

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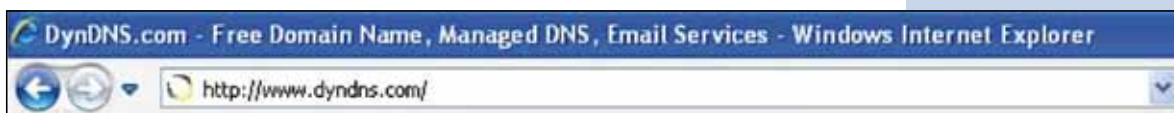
Once the **Sign In** window shown in figure 2 pops-up, select: **Create an Account.**

A web form titled "Have an account? Sign In". It contains two input fields: "Username" and "Password". Below these fields is a "Log in" button. At the bottom, there are two links: "Forgot Your Password?" and "Create an Account".**Figure 2****3**

Once the window shown in figure 3 pops-up, Fill in the blanks with the corresponding data and select: **Create Account**, you then will receive an e-mail in the account you entered as part of the data with a link that asks for confirmation of the account creation.

A web form titled "Create an account or log in to continue". It has two main sections. The left section is for creating a new account, with fields for "Username:", "Password:", "Confirm password:", "Email:", and "Confirm email:". Below these are checkboxes for "Subscribe to: DynDNS.com newsletter (1 or 2 per month)", "Dyn Inc. press releases", and "Remove HTML formatting from email". There is a "Security Image" section with a CAPTCHA showing the numbers 3, 2, 5, 8, 2. At the bottom is a checkbox for "I agree with the acceptable use policy (AUP) and privacy policy." and a "Create Account" button. The right section is for "Already Registered?", with fields for "Username:" and "Password:", a "Log in" button, and a "Forgot your password?" link. A TRUSTe logo is also present.**Figure 3****4**

Once done, please return to the page: www.dyndns.org as shown in **figure 4**

**Figure 4**

5

In **figure 5**, locate the window showing option **Sign In**, input the username and password you created and select: **Log In**

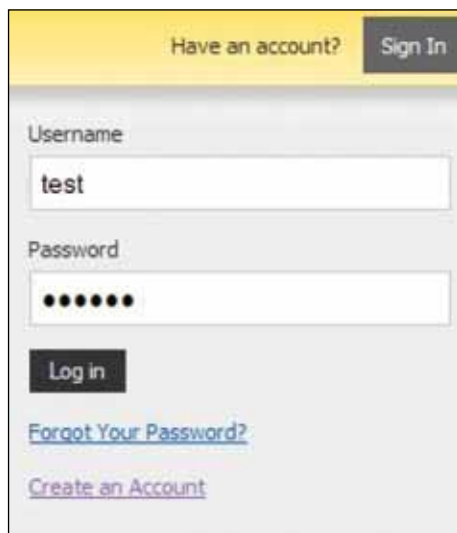


Figure 5 shows a 'Sign In' form. At the top, there is a yellow bar with the text 'Have an account?' and a 'Sign In' button. Below this, the form has two input fields: 'Username' with the text 'test' and 'Password' with masked characters '••••••'. There is a 'Log In' button, a link for 'Forgot Your Password?', and a link for 'Create an Account'.

Figure 5

6

You need to create the corresponding aliases to each equipment that will use the DDNS, in **figure 6** select now: **My Services**

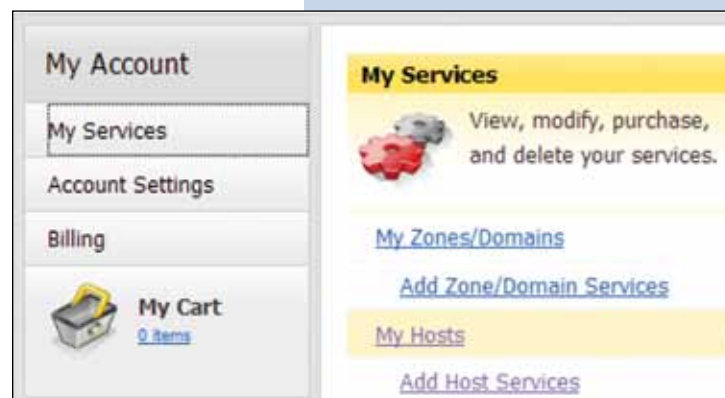


Figure 6 shows the 'My Services' page. On the left, there is a 'My Account' sidebar with links for 'My Services', 'Account Settings', 'Billing', and 'My Cart' (0 items). The main content area is titled 'My Services' and includes a description: 'View, modify, purchase, and delete your services.' Below this, there are links for 'My Zones/Domains', 'Add Zone/Domain Services', 'My Hosts', and 'Add Host Services'.

Figure 6

7

Once you select **My Services**, go to the end of the page and find option **Add Host name**, it is important to highlight that you have a limit of 5 hosts free, for a number greater than 5, you have two possibilities: create a new account or pay for the service.

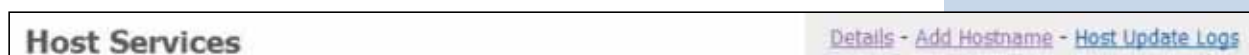


Figure 7 shows a navigation bar for 'Host Services'. It includes links for 'Details', 'Add Hostname', and 'Host Update Logs'.

Figure 7

8

When you select: **Add Hostname**, you must fill in the fields of the form, first the **Hostname**. This field must be the name through which you will access the equipment from the Internet, it will be verified for availability. Then the extension of your choice, which in this example we will use: **dyndns.org**. This will become the complete name for access to the Alias, e.g.: **Lanprotest.dyndns.org**, then you will use an IP address which is automatically generated in the line of blue color characters: **Your current Location IP address is**, if you click on this phrase this number will be automatically placed in the IP's field above the phrase. Remember that once you add the data in your equipment, this value will change automatically and you don't need to worry about this.



Figure 8 shows the 'Add Hostname' form. It has fields for 'Hostname' (lanprotest) and 'dyndns.org'. The 'Wildcard Status' is 'Disabled'. The 'Service Type' is 'Host with IP address'. The 'IP Address' field contains '190.142.243.126' and a blue link 'Your current location's IP address is 190.142.243.126'. Below this, it says 'TTL value is 60 seconds. Edit TTL'. At the bottom, there is a 'Mail Routing' checkbox with the text 'Yes, let me configure Email routing'.

Figure 8

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Advance now to the lower part of the page and select:
Add To Cart. Figure 9



Figure 9

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Then, locate the option: **Next** at the end of the page and click on it. **Figure 10**



Figure 10

11

Next, locate the option: **Activate Services** at the end of the page. **Figure 11**

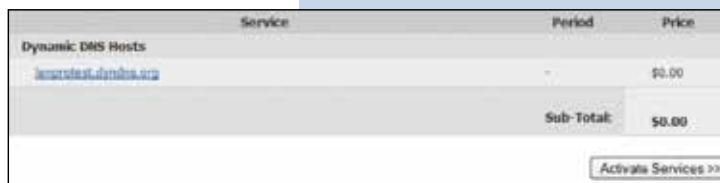


Figure 11

12

Once it indicates the activation of this Alias service, you will be able to add more if need. Please remember that it is an Alias per equipment using the DDNS service and only 5 alias are supported free of charge. Adding the next Alias require that you click on: **Add New Host**, which will take you to step 8 of this 123 manual.

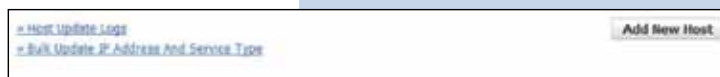


Figure 12

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Once these steps are done, you will have a DDNS account and its aliases, and the next step is to configure the equipment that will use the service. In order to do this, please review the appropriate 123 Manual.