

Configuration Guide



Dynamic DNS How-To Guide

Overview

This guide will show you how to set up a Dynamic DNS host name under the D-Link DDNS service with your D-Link ShareCenter™. Dynamic DNS is a protocol service that allows you to configure your ShareCenter with an internet Hostname to update the DNS Name Server IP address automatically, allowing you to access your ShareCenter from anywhere on the Internet without having to know its IP address. Upon configuring the DDNS, all you need to do is enter a web address to access your ShareCenter.

Dynamic DNS

This guide will show you how to set up a Dynamic DNS host name under the D-Link DDNS service with your D-Link ShareCenter. Dynamic DNS is a protocol service that allows you to configure your ShareCenter with an internet Hostname to update the DNS Name Server IP address automatically, allowing you to access your ShareCenter from anywhere on the Internet without having to know its IP address. Upon configuring the DDNS, all you need to do is enter a web address to access your ShareCenter.

Create an account

You first need to create an account.

Go to the following link: <https://www.dlinkddns.com/signin>

D-Link

HOME UPGRADE ACCOUNT CHANGE EMAIL CHANGE PASSWORD SUPPORT

New Account

Username

Password

Confirm

Email

Subscribe to our mailing list

Acceptable Use Policy

1. ACKNOWLEDGMENT AND ACCEPTANCE OF TERMS OF SERVICE

All services provided by Dynamic Network Services, Inc. ("DynDNS") are provided to you (the "Member") under the Terms and Conditions set forth in this Acceptable Use Policy ("AUP") and any other operating rules and policies set forth by DynDNS. The AUP comprises the entire agreement between the Member and DynDNS and supersedes all prior agreements between the parties regarding the subject matter contained herein. BY COMPLETING THE REGISTRATION PROCESS AND CLICKING THE "Accept" BUTTON, YOU ARE INDICATING YOUR AGREEMENT TO BE BOUND BY ALL OF THE TERMS AND CONDITIONS OF THE AUP.

I agree to the Acceptable Use Policy above

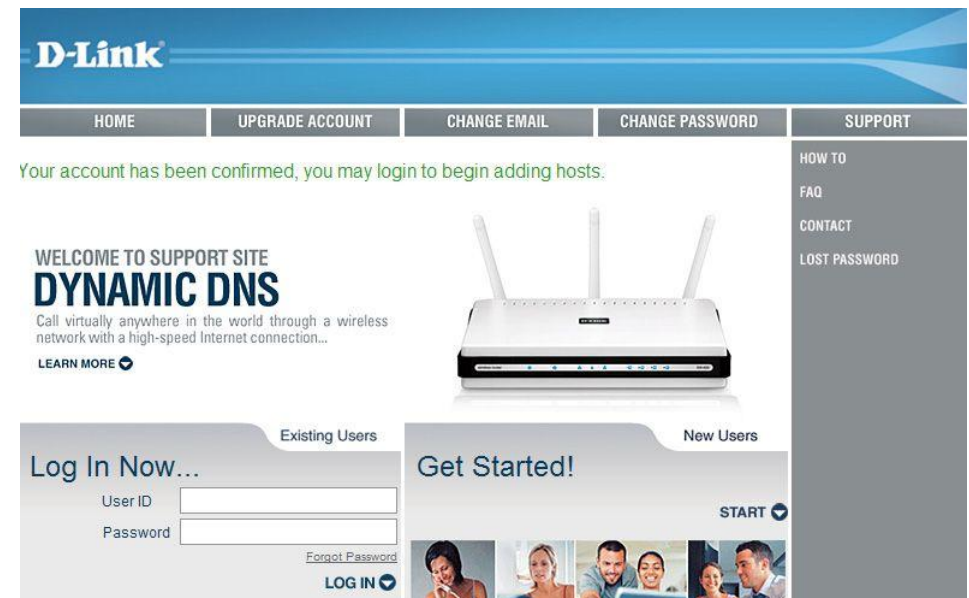
Create Account

HOW TO
FAQ
CONTACT
LOST PASSWORD

3 Dynamic DNS How-To Guide

After entering your user information, you will be sent an e-mail to verify your e-mail address and confirm your account. After verifying and confirming your e-mail address and account information, you can then log in.

You can also configure your account details at www.dyndns.com, by logging in with the username and password you entered in this step.



4 Dynamic DNS How-To Guide

Create a hostname

After logging in, click the **Add host** link to begin configuring your Hostname and IP address (use either the default Browser IP Address or choose a New IP Address). When you are finished, click the **Save** button to create the DDNS hostname. If you perform a DNS query for the hostname, it should return the same IP address you entered.



The screenshot shows the D-Link account management interface. At the top is the D-Link logo and a navigation bar with links for HOME, UPGRADE ACCOUNT, CHANGE EMAIL, CHANGE PASSWORD, and SUPPORT. Below the navigation bar, it indicates the user is logged in as 'xuweijing' with a 'logout' link. The main content area is titled 'My D-Link Hosts' and states 'You have no hosts in your account.' There is an 'Add host' link. At the bottom, there is a 'delete your account' link with a warning: 'Please note: this can't be undone!'.



The screenshot shows the 'Add Host' configuration page. It features the same D-Link header and navigation bar as the previous screenshot. The user is logged in as 'xuweijing'. The main content area is titled 'Add Host' and contains the following fields:

- Hostname:** myShareCenter
- Domain:** dlinkddns.com (selected from a dropdown menu)
- Browser IP Address:** 114.32.218.71
- New IP Address:** (empty text input field)

Below the fields is a 'Save' button and a 'Go back to my hosts' link.

Configure your ShareCenter for DDNS

Your ShareCenter has an update client that monitors your IP address and will automatically update the hostname if the IP address changes. After logging into your ShareCenter's administrative web interface, click on the **Management** tab and then the **Network Management** icon.

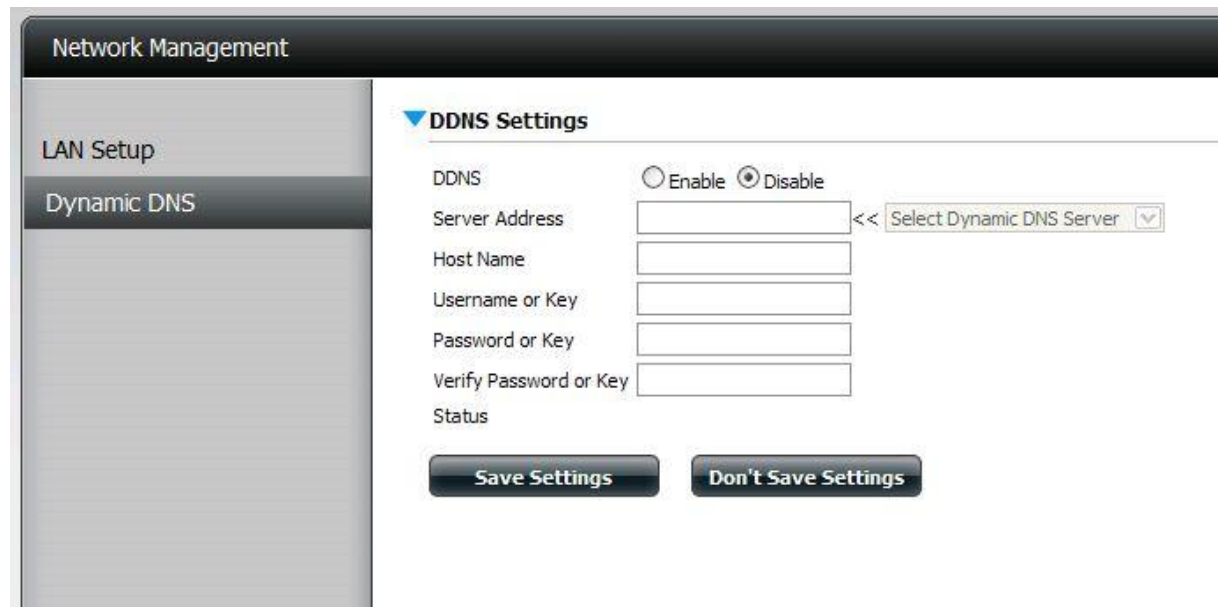


6 Dynamic DNS How-To Guide

Click on **Dynamic DNS** in the left column. Then configure the fields as follows:

- DDNS - set to **Enabled**
- Server Address - Enter the **DDNS server address** or select one from the drop-down menu to the right.
- Host Name - Enter your **DDNS host name** as configured on your DDNS server.
- Username or Key - Enter your **DDNS Username** or **Key**.
- Password or Key - Enter your **DDNS Password** or **Key**.
- Verify Password or Key Status - Re-enter your Password or Key.
- Status - Displays the current status of your ShareCenters DDNS service.

Select **DynDNS** as the service provider (if there is an option) and **dyndns** as system (if there is an option). Then click on the **Save Settings** button when you are finished configuring. Your ShareCenter should now start updating.

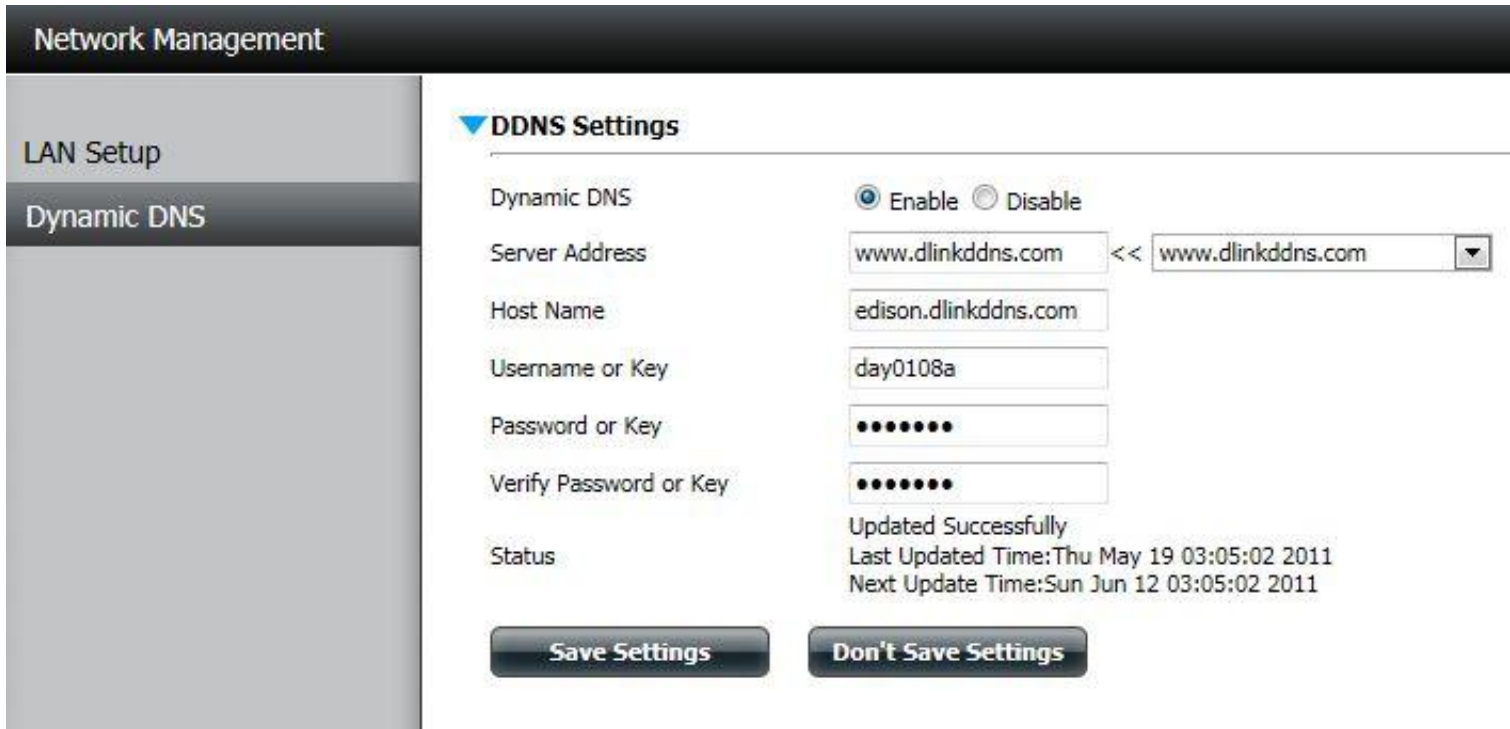


The screenshot shows the 'Network Management' interface. On the left, there is a sidebar with 'LAN Setup' and 'Dynamic DNS' (selected). The main area is titled 'DDNS Settings' and contains the following fields and controls:

- DDNS**: Radio buttons for Enable and Disable.
- Server Address**: A text input field followed by a dropdown menu labeled '<< Select Dynamic DNS Server'.
- Host Name**: A text input field.
- Username or Key**: A text input field.
- Password or Key**: A text input field.
- Verify Password or Key**: A text input field.
- Status**: A label for the status of the service.
- At the bottom, there are two buttons: **Save Settings** and **Don't Save Settings**.

7 Dynamic DNS How-To Guide

In the Dynamic DNS Page enter the configuration data. Enter your **username**, **password**, and **hostname** then select **DynDNS** as the service provider (if there is an option) and **dyndns** as system (if there is an option). Your router should start updating. An **Update Successfully** message will appear when the process is complete.



The screenshot shows the 'Network Management' interface with a sidebar on the left containing 'LAN Setup' and 'Dynamic DNS'. The main content area is titled 'DDNS Settings' and includes the following fields and controls:

- Dynamic DNS:** Radio buttons for 'Enable' (selected) and 'Disable'.
- Server Address:** A text input field containing 'www.dlinkddns.com' and a dropdown menu also showing 'www.dlinkddns.com'.
- Host Name:** A text input field containing 'edison.dlinkddns.com'.
- Username or Key:** A text input field containing 'day0108a'.
- Password or Key:** A password input field with seven dots.
- Verify Password or Key:** A password input field with seven dots.
- Status:** A section indicating 'Updated Successfully' with the following details:
 - Last Updated Time: Thu May 19 03:05:02 2011
 - Next Update Time: Sun Jun 12 03:05:02 2011

At the bottom of the settings area are two buttons: 'Save Settings' and 'Don't Save Settings'.

8 Dynamic DNS How-To Guide

If your ShareCenter is connected to your Home ADSL router or any similar network, you can setup Port Forwarding so that your ShareCenter can be detected. Below is an example from a D-Link ADSL Router DWR-112 setup. Since you will access your ShareCenter over HTTP, configure the **TCP Port 80** to be forwarded to the IP address of your ShareCenter (on the private side of your network) as shown in the configuration below:

Product Page : DWR-112

D-Link

DWR-112 // SETUP ADVANCED TOOLS STATUS

VIRTUAL SERVER
PORT FORWARDING
APPLICATION RULES
QOS ENGINE
NETWORK FILTER
WEBSITE FILTER
FIREWALL SETTINGS
ROUTING
ADVANCED WIRELESS
WI-FI PROTECTED SETUP
ADVANCED NETWORK
IPV6 FIREWALL
IPV6 ROUTING

PORT FORWARDING

This option is used to open multiple ports or a range of ports in your router and redirect data through those ports to a single PC on your network. This feature allows you to enter ports in the format, Port Ranges (100-150). This option is only applicable to the INTERNET session.

Save Settings Don't Save Settings

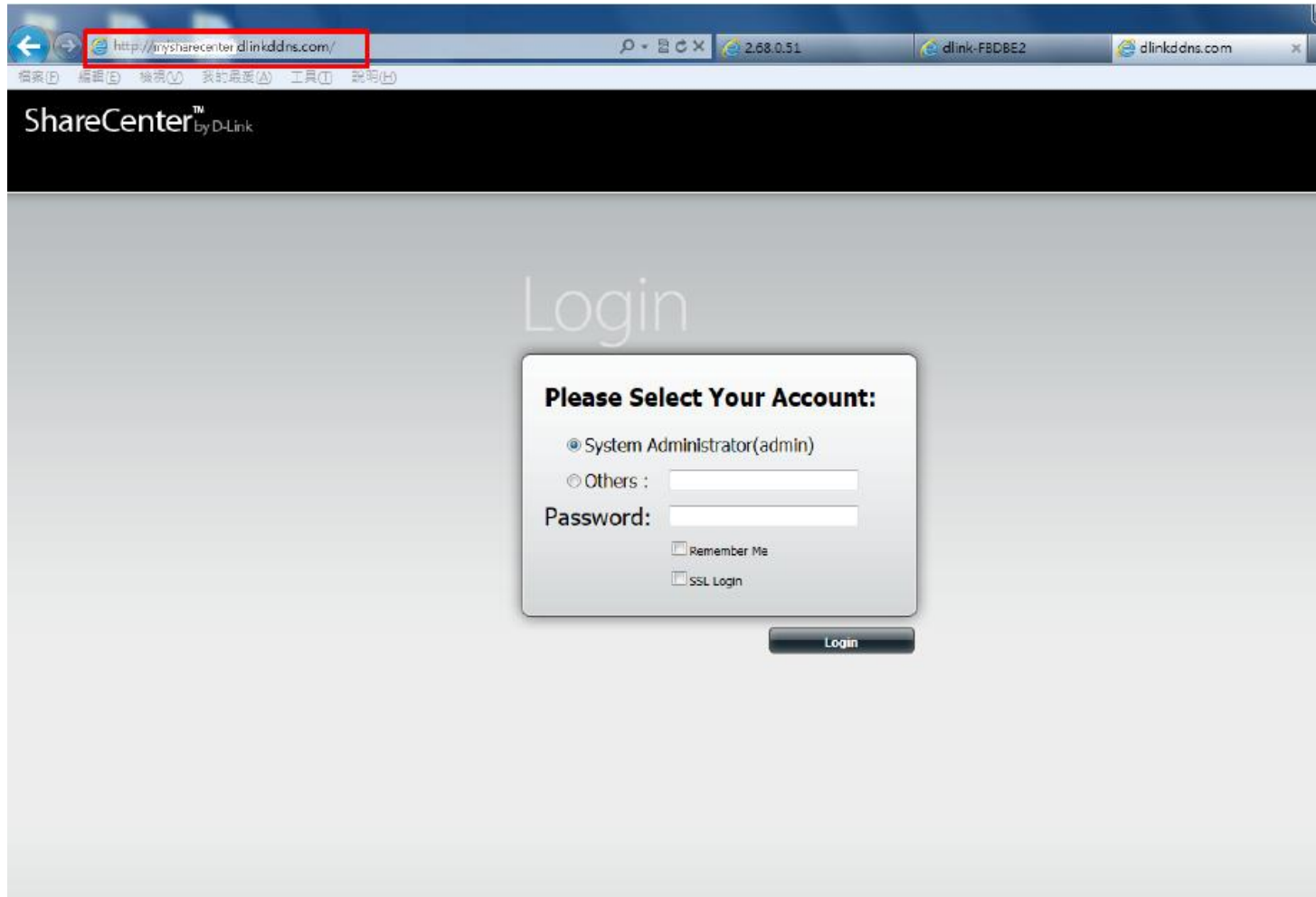
24 -- PORT FORWARDING RULES

Remaining number of rules that can be created: 24

			Ports to Open	
<input checked="" type="checkbox"/>	Name ShareCenter	<< HTTP	Public Port 80 ~ 80	Traffic type All
	IP Address 192.168.1.5	<< Computer Name	Private Port 80 ~ 80	Schedule Always
<input type="checkbox"/>	Name	<< Application Name	Public Port	Traffic type All
	IP Address	<< Computer Name	Private Port	Schedule Always

9 Dynamic DNS How-To Guide

Open a browser and then enter the hostname for your ShareCenter. The ShareCenter DDNS URL should appear and you will see the ShareCenter's User Interface page. Enter your username and password to login to your ShareCenter.



10 Dynamic DNS How-To Guide

Once you are logged in, you can then click on the Applications tab and use the Web File Server application to access data on your ShareCenter.

The first screenshot shows the ShareCenter login page with the 'Applications' tab highlighted in red. A red arrow points from this tab to the second screenshot.

The second screenshot shows the 'Applications' tab selected in the top navigation bar. Under 'Enabled Add Ons', the 'Web File Server' application is highlighted with a red box. A red arrow points from this application to the third screenshot.

The third screenshot shows the 'Web File Server' application interface. It displays a file browser view with a table of files:

Name	Size	Type	Modified Time
PS191261.JPG	2.73 MB	JPEG Image	Sat Jan 1 00:14:53 2000
PS219671.JPG	2.67 MB	JPEG Image	Sat Jan 1 00:14:49 2000