

How to Access the MagWeb GT from the Internet

Product MagWeb GT **Release Date** September 5, 2017

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The screenshot shows the MagWeb GT user interface. At the top left is the MAGNUM ENERGY logo and 'ENERGY COMMUNICATION UNIT'. On the right, there are links for 'English' and 'Chinese'. Below the logo is a navigation bar with 'Home', 'Micro GT Status', 'Battery System Status', and 'Administration'. The main content area is titled 'Home' and contains a table of system metrics and an environmental benefits widget.

Home	
ECU ID	204000003725
Lifetime generation	2,116.93 kWh
Last System Power	210 W
Generation of Current Day	0.17 kWh
Last Connection to website	2017-07-27 07:28:47
Number of Inverters	15
Last Number of Inverters Online	15
Current Software Version	V4.0MA-NA
Current Time Zone	US/Eastern
ECU Eth0 Mac Address	80:97:1B:00:88:6D
ECU Wlan0 Mac Address	60:C5:A8:E4:35:59
Inverter Comm. Signal Level	5

2017-07-27 07:31:08
Thursday

ENVIRONMENTAL BENEFITS

CO₂ Offset Equivalent to

	0
GALLONS	
	0
TREES	
	1
KG	

Step 1 Setting up the MagWeb for a Static IP Address

The MagWeb GT needs to be connected to the Local Network and have AC power applied. You should have gone through the normal setup instructions included with the MagWeb GT and can see it in your browser at this point. If you cannot see the MagWeb GT in your browser on the local network please go back to the MagWeb GT instructions.

The MagWeb GT will be assigned an IP address by your router when it is connected into the router and powered.

Now we need to set the MagWeb GT for a static IP address. To do this we need to know a couple of numbers that we call IP addresses. The first IP address we need is the one you use to log onto the MagWeb GT so please write it down here and we will call it "Value 1":

_____ . _____ . _____ . _____

The second number we need is the routers IP address, this one is slightly tougher to find. Assuming you are using Windows as an operating system you will be connected to the internet either with Wi-Fi or a cable. Either one uses the same process. In the bottom, right corner near the clock will be a Wi-Fi signal icon or a LAN icon (this looks like a computer monitor with a cable on the left side)



WIFI

LAN



Right click on that icon and left click on "Open network and sharing center"

Left click on "Change adapter settings" near the top left

Now if your icon was a Wi-Fi symbol right click on the wireless adapter and if it was a LAN symbol right click on that. Then left click "Status"

Now left click on "Details" and about half way down you will see a IPv4 Default Gateway IP address so let's write that down here and we will call it "Value 2":

_____ . _____ . _____ . _____

Now close out of these new windows so the only thing left open is the MagWeb GT webpage. If that got closed please open the web page for the MagWeb GT.

You need to set the MagWeb GT up to use a static IP address so the router will know where to forward the ports to. This is done from your browser after you log onto the MagWeb GT on the local network.

Click on “Administration” in the top right.

Click on “Network Connectivity” on the right about half way down.

On this page, we will now click on the little radio button labeled “Use the following IP address” and the fields we need to fill in will pop up. There are 5 fields to fill in.

Starting at the top:

IP Address: (this is the first value we wrote down above labeled value 1) make sure to add the . in between the values for example 192.168.1.100

Subnet Mask: this will be 255.255.255.0

Default Gateway, Preferred DNS server and Alternate DNS server: All 3 of these will be the “Value 2” we wrote down above.

After entering all 5 values we want to click the “Update” button below them and then we want to close the browser. Next let’s open the browser again and enter the “Value 1” in the browser to make sure we can still get to the MagWeb GT. If all is well now we move on to the port forwarding portion/DynDNS setup.

Step 2 DynDNS.org Set Up

If you have a Static IP address assigned to you from your internet provider. Please skip this section and proceed to “Setting up your Router”. This is only required if you have a Dynamic IP address. To determine if you have a static or dynamic IP address please contact your internet service provider.

Do be advised that this step is NOT necessary and you can just find out what your IP address is when it changes and use that. For example, I personally use Time Warner and my IP address only changes when I reboot the cable modem so I can simply find my public IP address again later when it changes if I do not want to bother with a dynamic dns service. Also, be aware that DynDNS is a paid service and there are other services out there now that probably work just as well but we have not tested them.

To find your public IP address (Think of it as the street address of your house) go to www.whatsmyip.com

DynDNS.org is a paid service that keeps track of the ever-changing IP address you have been given by your internet provider. Your router will update DynDNS anytime this IP address

changes. Because we have no way of knowing what that IP address may be at any given time DynDNS also has us create a URL.

You need to go to <https://dyn.com/remote-access/> and create an account. You will need to enter a little info on this page to create your account. First you need to pick a Host Name and enter it in the box. Then you need to select the remainder of the URL from the dropdown box. This can be seen in the photo above. The only other parameter you need to enter is the IP address of the system the MagWebGT is hooked to. If you are creating this account from a computer on that same network DynDNS shows you that IP address right below the text box. If you are on a computer that is not on the same network as the MagWebGT doing this you will need to find the IP address of the Network the MagWebGT is on. This can be done by using a computer on that same network and going to www.whatsmyip.com. After you have filled in both fields click add to cart and continue creating your account. You will want to document your Host Name, User Name and Password for future use.

Host Name

User Name

Password

Step 3 Setting up your Router

You will need to set up Port forwarding in your router. We suggest using a port like 502 for the outside world as shown in “Router Examples” You will need to set up DDNS if you have a dynamic IP address and set up an account with DynDNS.org. These are considered advance user adjustments in your router and you will need to know how to access your router. We have included a Router section in this manual. If you do not see your router here we do not know how to set it up. We have documented every router we are familiar with. For assistance on setting your router up please contact the manufacturer of the router. You can also find information at <https://portforward.com/router.htm>.

Step 4 Navigating to the MagWeb GT from Off site

Navigating to the MagWeb GT from off site is simple. You open a browser and type in the public IP address you got from above with the port number for example 123.456.789.123:502 or the DynDNS URL from above with a :502 on the end.

Belkin N150

BELKIN Router Setup

LAN Setup
LAN Settings
DHCP Client List

Internet WAN
Connection Type
DNS
MAC Address

Wireless
Channel and SSID
Security
Wi-Fi Protected Setup
Use as an Access Point

Firewall
Virtual Servers
MAC Address Filtering
DMZ
DDNS
WAN Ping Blocking
Security Log

Utilities
Restart Router
Restore Factory Defaults
Save/Backup Settings
Restore Previous Settings
Firmware Update
System Settings
Self Healing

Firewall > Virtual Servers

This function will allow you to route external (Internet) calls for services such as a web server (port 80), FTP server (Port 21), or other applications through your Router to your internal network. [More Info](#)

Clear Changes Apply Changes

Add Active Worlds Add

Clear entry 1 Clear

	Enable	Description	Inbound port	Type	Private IP address	Private port
1.	<input checked="" type="checkbox"/>	MagWeb GT	502 - 502	BOTH	192.168.2.116	-
2.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
3.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
4.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
5.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
6.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
7.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
8.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
9.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
10.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
11.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
12.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
13.	<input type="checkbox"/>		-	BOTH	192.168.2.	-

The Belkin N150 has a default IP address of 192.168.2.1 The default password is blank.

You will need to access 2 portions of the routers programming, Port forwarding under Firewall > Virtual Servers. And DDNS under Firewall > DDNS.

Click on Virtual Servers under Firewall this will bring you to the Port Forwarding screen as seen above. Check the Enable box and fill in a Description for this port. Enter a port number in the 2

private ports (we suggest 502). Enter the IP address that you have documented from earlier called value 1. Save your changes and continue to the DDNS part of setup if required.

The screenshot shows the Belkin Router Setup interface. The top navigation bar includes the Belkin logo and "Router Setup". A left sidebar lists various setup categories: LAN Setup, Internet WAN, Wireless, Firewall, and Utilities. The "Firewall > DDNS" page is active. The main content area contains a descriptive paragraph about Dynamic DNS, followed by configuration fields: "DDNS Service" (set to DynDNS), "DDNS Status" (set to Disable), "User Name", "Password", and "Domain Name" (with three input boxes). At the bottom are "Clear Changes" and "Update Dynamic DNS" buttons.

DDNS setup (you only need this part if you have a dynamic ip address)

Click on DDNS under Firewall as seen above. Select DynDNS in the drop down box. Fill in your username, password and URL or Domain Name. This data would have been documented in the section of the manual on Setting up a DynDNS account. Leave all the other fields in default setting. When you are done click "Update Dynamic DNS".

Belkin N300

BELKIN Router Setup

LAN Setup

LAN Settings

DHCP Client List

Internet WAN

Connection Type

DNS

MAC Address

Wireless

Channel and SSID

Security

Wi-Fi Protected Setup

Use as an Access Point

Firewall

Virtual Servers

MAC Address Filtering

DMZ

DDNS

WAN Ping Blocking

Security Log

Utilities

Restart Router

Restore Factory Defaults

Save/Backup Settings

Restore Previous Settings

Firmware Update

System Settings

Self Healing

Firewall > Virtual Servers

This function will allow you to route external (Internet) calls for services such as a web server (port 80), FTP server (Port 21), or other applications through your Router to your internal network. [More Info](#)

Clear Changes
Apply Changes

Add
Active Worlds
Add

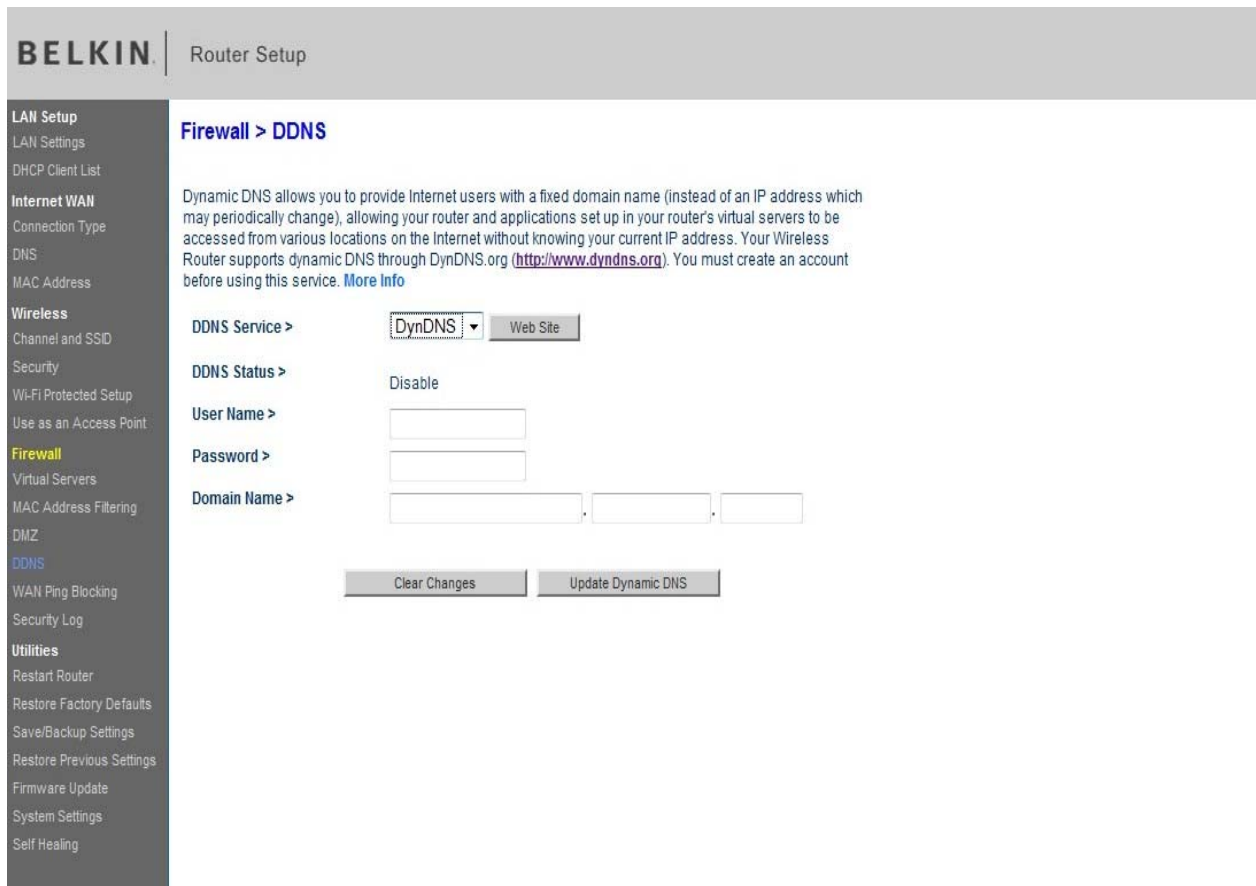
Clear entry
1
Clear

	Enable	Description	Inbound port	Type	Private IP address	Private port
1.	<input checked="" type="checkbox"/>	MagWeb GT	502 - 502	BOTH	192.168.2.116	-
2.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
3.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
4.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
5.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
6.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
7.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
8.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
9.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
10.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
11.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
12.	<input type="checkbox"/>		-	BOTH	192.168.2.	-
13.	<input type="checkbox"/>		-	BOTH	192.168.2.	-

The Belkin N300 has a default IP address of 192.168.2.1 The default password is blank.

You will need to access 2 portions of the routers programming, Port forwarding under Firewall > Virtual Servers. And DDNS under Firewall > DDNS.

Click on Virtual Servers under Firewall this will bring you to the Port Forwarding screen as seen above. Check the Enable box and fill in a Description for this port. Enter a port number in the 2 private ports (we suggest 502). Enter the IP address that you have documented from earlier called value 1. Save your changes and continue to the DDNS part of setup if required.



DDNS setup (you only need this part if you have a dynamic ip address)

Click on DDNS under Firewall as seen above. Select DynDNS in the drop down box. Fill in your username, password and URL or Domain Name. This data would have been documented in the section of the manual on Setting up a DynDNS account. Leave all the other fields in default setting. When you are done click “Update Dynamic DNS”.

Linksys WRT54GS

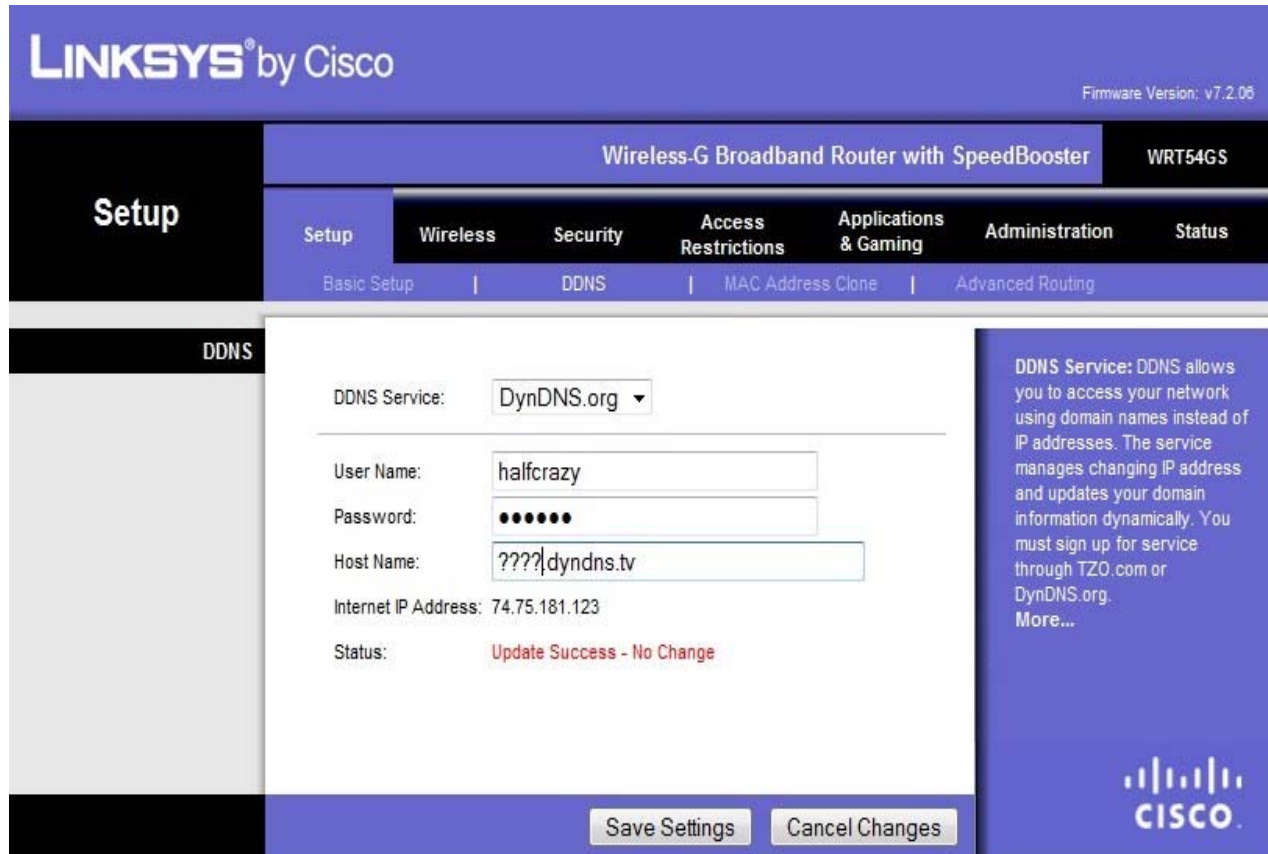
Port Range Forwarding: Certain applications may require to open specific ports in order for it to function correctly. Examples of these applications include servers and certain online games. When a request for a certain port comes in from the Internet, the router will route the data to the computer you specify. Due to security concerns, you may want to limit port forwarding to only those ports you are using, and uncheck the Enable checkbox after you are finished. [More...](#)

Port Range					
Application	Start	End	Protocol	IP Address	Enable
MagWeb	502	to 502	Both	192.168.1.106	<input checked="" type="checkbox"/>
	0	to 0	Both	192.168.1.0	<input type="checkbox"/>
	0	to 0	Both	192.168.1.0	<input type="checkbox"/>
	0	to 0	Both	192.168.1.0	<input type="checkbox"/>
	0	to 0	Both	192.168.1.0	<input type="checkbox"/>
	0	to 0	Both	192.168.1.0	<input type="checkbox"/>
	0	to 0	Both	192.168.1.0	<input type="checkbox"/>
	0	to 0	Both	192.168.1.0	<input type="checkbox"/>
	0	to 0	Both	192.168.1.0	<input type="checkbox"/>
	0	to 0	Both	192.168.1.0	<input type="checkbox"/>

The Linksys WRT45GS has a default IP address of 192.168.1.1 The default username and password is admin for both.

You will need to access 2 portions of the routers programming, Port Range forwarding under Applications and Gaming and DDNS under Setup. Follow the steps below to complete setup.

Click Application & Gaming and then click Port Range forward. Enter a name in the Application field this can be just MagWeb or you could use any name for it this is for your reference only. Enter the port (we suggest 502) in the Start and End boxes. Enter the Static IP of the MagWeb (Value 1). Check the box that says Enable. Click save settings and wait for the router to tell you it updated successfully.



LINKSYS® by Cisco Firmware Version: v7.2.06

Setup Wireless-G Broadband Router with SpeedBooster WRT54GS

Setup | Wireless | Security | Access Restrictions | Applications & Gaming | Administration | Status

Basic Setup | **DDNS** | MAC Address Clone | Advanced Routing

DDNS

DDNS Service:

User Name:


Password:

Host Name:

Internet IP Address: 74.75.181.123

Status: Update Success - No Change

DDNS Service: DDNS allows you to access your network using domain names instead of IP addresses. The service manages changing IP address and updates your domain information dynamically. You must sign up for service through TZO.com or DynDNS.org. More...



DDNS setup (you only need this part if you have a dynamic ip address)

Select DynDNS.org in the drop down box. Fill in your username and password as well as the host name in the fields. This data would have been documented in the section of the manual on Setting up a DynDNS account. When you are done click save settings and make sure the router comes back and tells you Update success in red under Status.

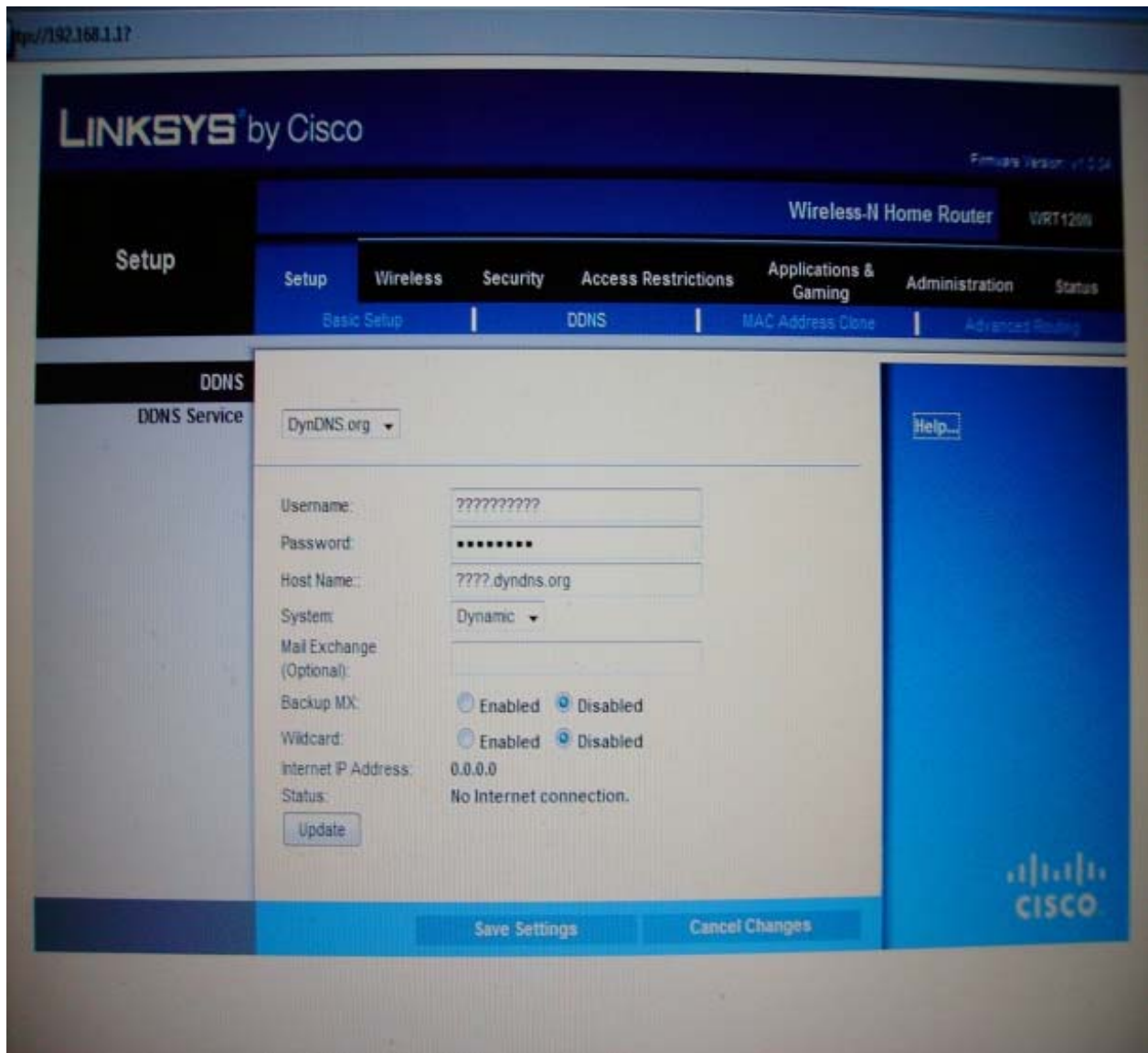
Linksys WRT120N



The Linksys WRT120N has a default IP address of 192.168.1.1 The default username and password is admin for both.

You will need to access 2 portions of the routers programming, Port Range forwarding under Applications and Gaming and DDNS under Setup. Follow the steps below to complete setup.

You will need to set port forwarding for the MagWeb. Click Application & Gaming and then click Port Range forward. Enter a name in the Application field this can be just MagWeb this is for your reference only. Enter the port (we suggest 502). Enter the Static IP address of the MagWeb (Value 1). Check the box that says Enable. Click save settings and wait for the router to tell you it updated successfully.



DDNS setup (you only need this part if you have a dynamic ip address)

Select DynDNS.org in the drop down box. Fill in your username and password as well as the host name in the fields. This data would have been documented in the section of the manual on Setting up a DynDNS account. Leave all the other fields in default setting. When you are done click save settings and make sure the router comes back and tells you Update success under Status.

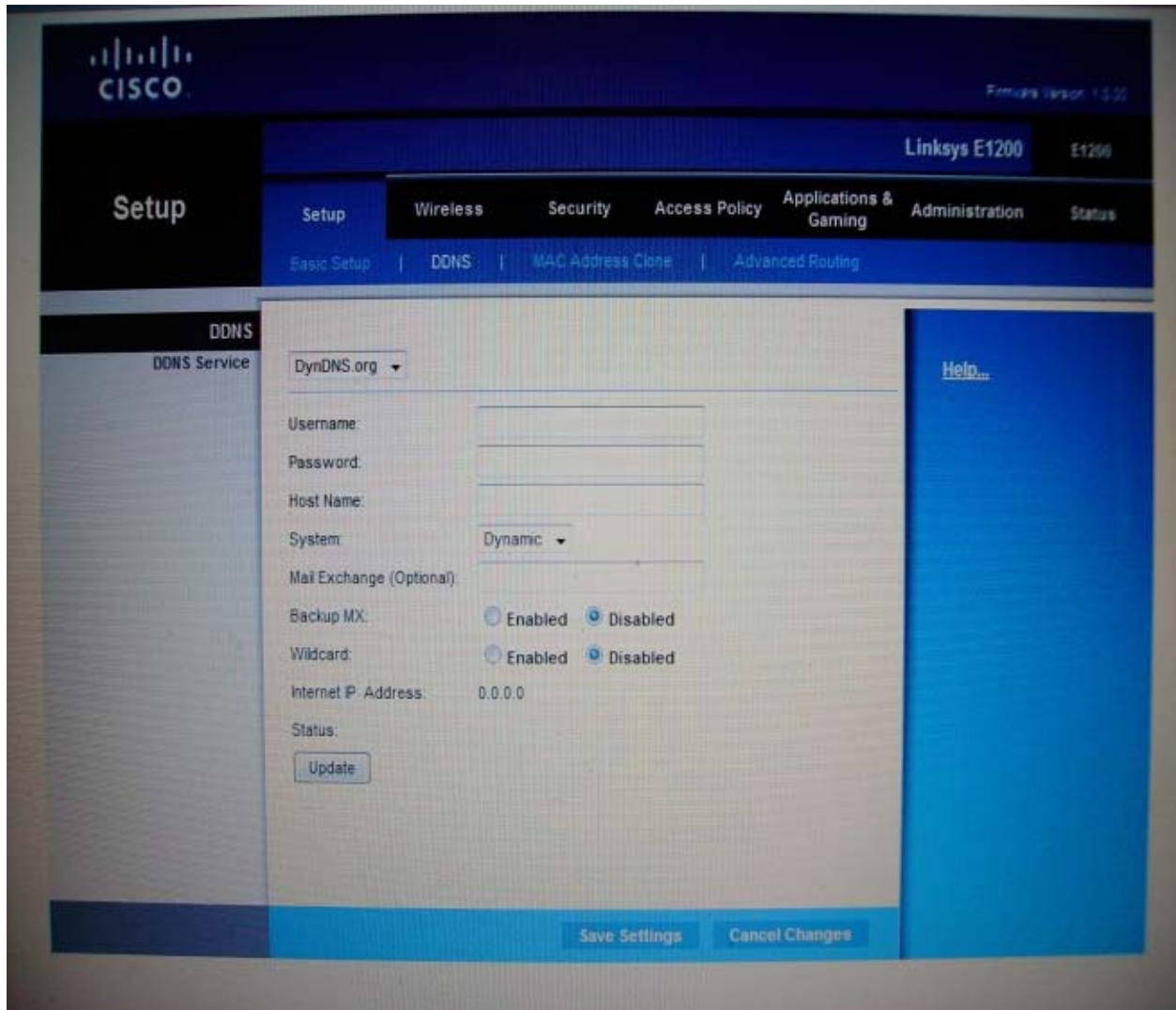
Linksys E1200



The Linksys E1200 has a default IP address of 192.168.1.1. The default username and password is admin for both.

You will need to access 2 portions of the router's programming, Port Range forwarding under Applications and Gaming and DDNS under Setup. Follow the steps below to complete setup.

You will need to set port forwarding for the MagWeb GT. Click Application & Gaming and then click Port Range forward. Enter a name in the Application field; this can be just MagWeb; this is for your reference only. Enter the port (we suggest 502). Enter the Static IP of the MagWeb (Value 1). Check the box that says Enable. Click save settings and wait for the router to tell you it updated successfully.



DDNS setup (you only need this part if you have a dynamic ip address)

Select DynDNS.org in the drop down box. Fill in your username and password as well as the host name in the fields. This data would have been documented in the section of the manual on Setting up a DynDNS account. Leave all the other fields in default setting. When you are done click save settings and make sure the router comes back and tells you Update success under Status.

NetGear N150-WNR1000



The screenshot shows the NetGear N150-WNR1000 router manager interface. The left sidebar contains a navigation menu with categories like Guest Network, Content Filtering, Logs, Block Sites, Block Services, Schedule, E-mail, Maintenance, Router Status, Attached Devices, Backup Settings, Set Password, Router Upgrade, Advanced, Wireless Settings, Wireless Repeating Function, Port Forwarding / Port Triggering (highlighted), WAN Setup, LAN Setup, QoS Setup, Dynamic DNS, Static Routes, Remote Management, and UPnP.

The main content area is titled "Port Forwarding / Port Triggering". It includes a section for selecting the service type, with "Port Forwarding" selected. Below this, there is a form for adding a service with fields for "Service Name" (set to "AIM"), "Server IP Address" (set to "192.168.1"), and an "Add" button. A table below the form lists existing services with columns for "#", "Service Name", "Start Port", "End Port", and "Server IP Address". At the bottom of the table, there are buttons for "Edit Service", "Delete Service", and "Add Custom Service".

The NetGear N150-WNR1000 has a default IP address of 192.168.1.1 The default username is admin and the password is password.

You will need to access 2 portions of the routers programming, Port Range forwarding under Applications and Gaming and DDNS under Setup. Follow the steps below to complete setup.

Click on port forwarding in the advanced menu on the left side of the screen. On the screen that comes up (See Picture above) check port forwarding and then click "Add Custom Service".

The screenshot shows the Netgear SmartWizard router manager interface for an N150 Wireless Router (model WNR1000v3). The left sidebar contains a navigation menu with categories: wireless settings, Content Filtering, Logs, Block Sites, Block Services, Schedule, E-mail, Maintenance, and Advanced. The main content area is titled 'Ports - Custom Services' and contains a form with the following fields:

Service Name	<input type="text"/>
Service Type	TCP/UDP ▾
Starting Port	(1-65535)
Ending Port	(1-65535)
Server IP Address	192 . 168 . 1 . <input type="text"/>

At the bottom of the form are two buttons: 'Apply' and 'Cancel'.

You will need to give each forwarded port a name in the box named “Service Name”. This name is not important to the router it is there for your reference. You could use MagWeb for this.

Enter the port number We suggest 502). Enter the Static IP of the MagWeb (Value 1). Click Apply.

The screenshot shows the Netgear SmartWizard router manager interface for an N150 Wireless Router (model WNR1000v3). The left sidebar contains a navigation menu with categories: Basic Services (Schedule, E-mail), Maintenance (Router Status, Attached Devices, Backup Settings, Set Password, Router Upgrade), Advanced (Wireless Settings, Wireless Repeating Function, Port Forwarding / Port Triggering, WAN Setup, LAN Setup, QoS Setup, Dynamic DNS, Static Routes, Remote Management, UPnP, Traffic Meter), and Web Support (Knowledge Base, Documentation). The main content area is titled "Dynamic DNS" and features a checkbox "Use a Dynamic DNS Service" which is checked. Below this is a "Service Provider" dropdown menu set to "www.DynDNS.org". There are three input fields for "Host Name", "User Name", and "Password". At the bottom of the form are three buttons: "Apply", "Cancel", and "Show Status".

DDNS setup (you only need this part if you have a dynamic ip address)

In the Advanced Menu on the left side of the screen click "Dynamic DNS". On the screen that opens check the box labeled "Use a Dynamic DNS Service". Select DynDNS from the drop down box labeled "Service Provider".

Fill in the Host Name, User Name and Password that you have from DynDNS. You documented this earlier in the section on setting up a DynDNS account.

Click apply to save these settings.

NetGear N300-WNR2000



- Guest Network
- Content Filtering
- Logs
- Block Sites
- Block Services
- Schedule
- E-mail
- Maintenance
- Router Status
- Attached Devices
- Backup Settings
- Set Password
- Router Upgrade
- Advanced
- Wireless Settings
- Wireless Repeating Function
- **Port Forwarding / Port Triggering**
- WAN Setup
- LAN Setup
- QoS Setup
- Dynamic DNS
- Static Routes
- Remote Management

Port Forwarding / Port Triggering

Please select the service type.

Port Forwarding
 Port Triggering

Service Name:
 Server IP Address:

#	Service Name	Start Port	End Port	Server IP Address
<input type="button" value="Edit Service"/> <input type="button" value="Delete Service"/>				
<input type="button" value="Add Custom Service"/>				

The NetGear N300-WNR2000 has a default IP address of 192.168.1.1 The default username is admin and the password is password.

You will need to access 2 portions of the routers programming, Port Range forwarding under Applications and Gaming and DDNS under Setup. Follow the steps below to complete setup.

Click on port forwarding in the advanced menu on the left side of the screen. On the screen that comes up (See Picture above) check port forwarding and then click "Add Custom Service".

The screenshot displays the 'Ports - Custom Services' configuration page in the Netgear SmartWizard interface. On the left is a dark blue navigation sidebar with various menu items. The main content area is titled 'Ports - Custom Services' and contains a form with the following fields: 'Service Name' (an empty text box), 'Protocol' (a dropdown menu set to 'TCP/UDP'), 'Starting Port' (a text box with '(1-65534)' as a hint), 'Ending Port' (a text box with '(1-65534)' as a hint), and 'Server IP Address' (four text boxes containing '192', '168', '1', and an empty box). At the bottom of the form are 'Apply' and 'Cancel' buttons.

You will need to give each forwarded port a name in the box named “Service Name”. This name is not important to the router it is there for your reference. You could use MagWeb for this.

Enter the port number We suggest 502). Enter the Static IP of the MagWeb (Value 1). Click Apply.

The screenshot displays the 'Dynamic DNS' configuration page. On the left is a vertical navigation menu with categories like 'Maintenance', 'Advanced', and 'Web Support'. The 'Dynamic DNS' option is highlighted. The main content area has a title 'Dynamic DNS' and a checkbox 'Use a Dynamic DNS Service'. Below this is a 'Service Provider' dropdown menu set to 'www.DynDNS.org'. There are three input fields for 'Host Name', 'User Name', and 'Password'. At the bottom of the form are three buttons: 'Apply', 'Cancel', and 'Show Status'.

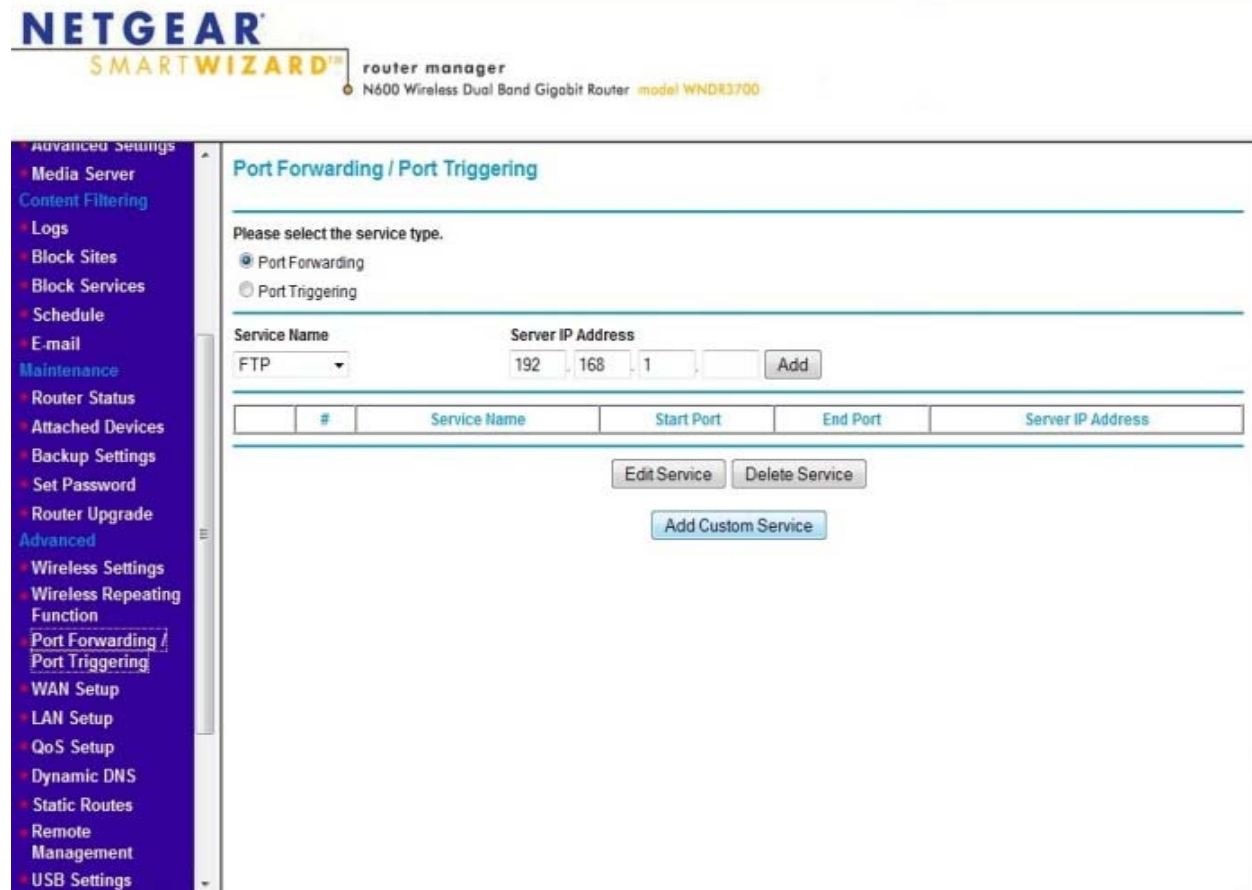
DDNS setup (you only need this part if you have a dynamic ip address)

In the Advanced Menu on the left side of the screen click "Dynamic DNS". On the screen that opens check the box labeled "Use a Dynamic DNS Service". Select DynDNS from the drop down box labeled "Service Provider".

Fill in the Host Name, User Name and Password that you have from DynDNS. You documented this earlier in the section on setting up a DynDNS account.

Click apply to save these settings.

NetGear N600-WNDR3700



The NetGear N600-WNDR3700 has a default IP address of 192.168.1.1. The default username is admin and the password is password.

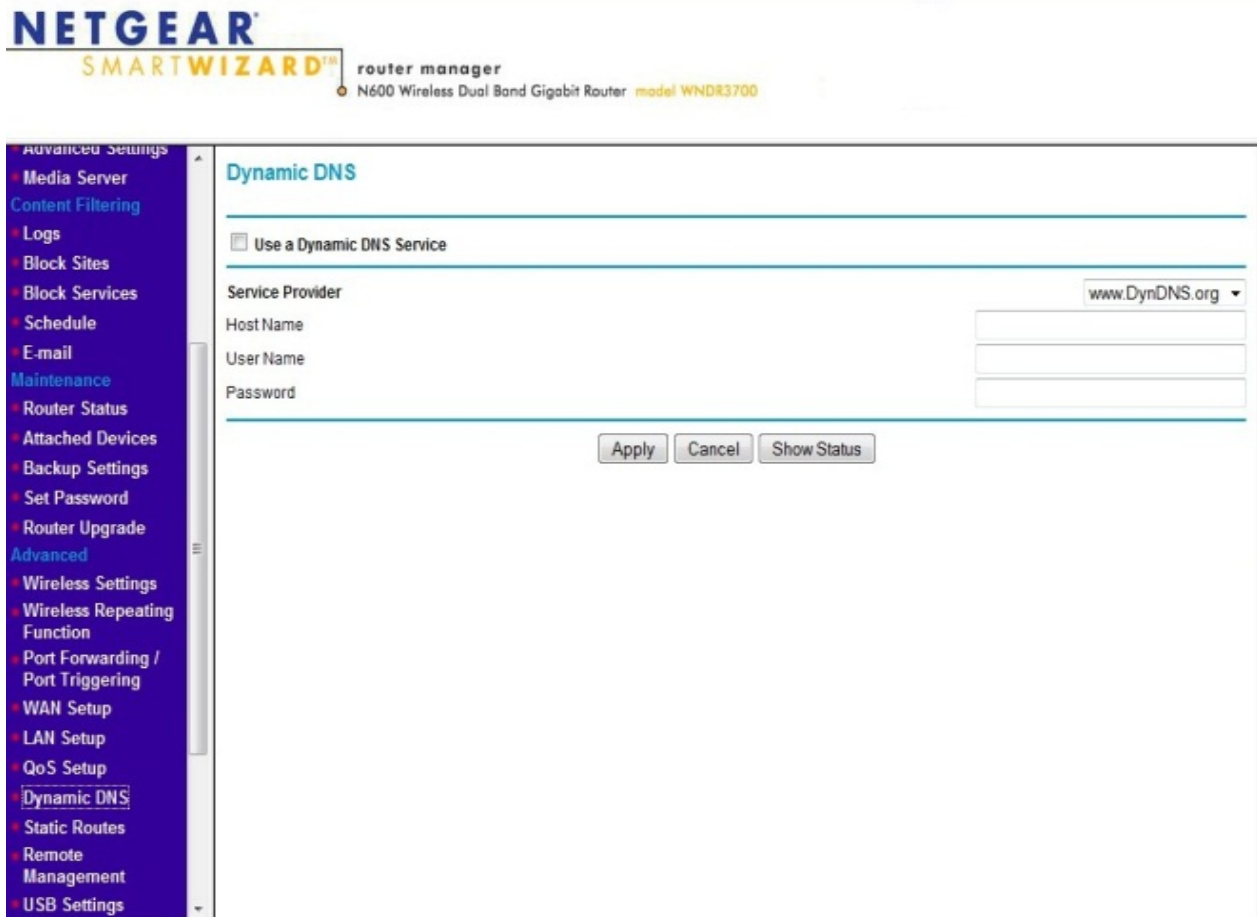
You will need to access 2 portions of the routers programming, Port Range forwarding under Applications and Gaming and DDNS under Setup. Follow the steps below to complete setup.

Click on port forwarding in the advanced menu on the left side of the screen. On the screen that comes up (See Picture above) check port forwarding and then click "Add Custom Service".

The screenshot shows the Netgear SmartWizard router manager interface. The top left features the Netgear logo and 'SMARTWIZARD™ router manager' text, with a sub-header 'N600 Wireless Dual Band Gigabit Router model WNDR3700'. A left-hand navigation menu lists various settings categories: Advanced Settings (Media Server, Content Filtering, Logs, Block Sites, Block Services, Schedule, E-mail), Maintenance (Router Status, Attached Devices, Backup Settings, Set Password, Router Upgrade), and Advanced (Wireless Settings, Wireless Repeating Function, Port Forwarding / Port Triggering, WAN Setup, LAN Setup, QoS Setup, Dynamic DNS, Static Routes, Remote Management, USB Settings). The main content area is titled 'Ports - Custom Services' and contains a form with the following fields: 'Service Name' (text input), 'Protocol' (dropdown menu set to 'TCP/UDP'), 'Starting Port' (text input with '(1-65534)' hint), 'Ending Port' (text input with '(1-65534)' hint), and 'Server IP Address' (IP address input fields showing '192 . 168 . 1'). At the bottom of the form are 'Apply' and 'Cancel' buttons.

You will need to give each forwarded port a name in the box named “Service Name”. This name is not important to the router it is there for your reference. You could use MagWeb for this.

Enter the port number We suggest 502). Enter the Static IP of the MagWeb (Value 1). Click Apply.



DDNS setup (you only need this part if you have a dynamic ip address)

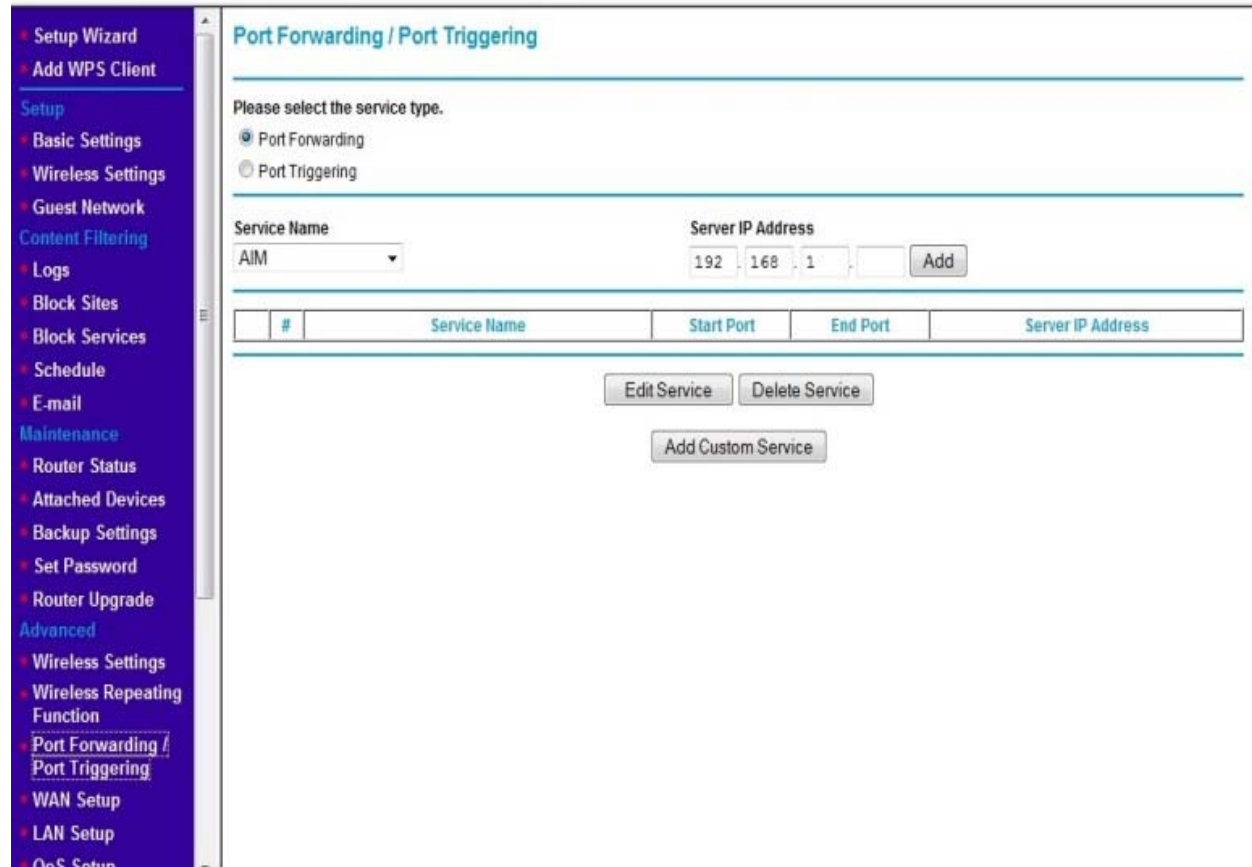
In the Advanced Menu on the left side of the screen click "Dynamic DNS". On the screen that opens check the box labeled "Use a Dynamic DNS Service". Select DynDNS from the drop down box labeled "Service Provider".

Fill in the Host Name, User Name and Password that you have from DynDNS. You documented this earlier in the section on setting up a DynDNS account.

Click apply to save these settings.

NetGear G54-WGR614



Port Forwarding / Port Triggering

Please select the service type.

Port Forwarding
 Port Triggering

Service Name: AIM Server IP Address: 192 . 168 . 1 . [] Add

#	Service Name	Start Port	End Port	Server IP Address
<input type="button" value="Edit Service"/> <input type="button" value="Delete Service"/> <input type="button" value="Add Custom Service"/>				

The NetGear G54-WGR614 has a default IP address of 192.168.1.1 The default username is admin and the password is password.

You will need to access 2 portions of the routers programming, Port Range forwarding under Applications and Gaming and DDNS under Setup. Follow the steps below to complete setup.

Click on port forwarding in the advanced menu on the left side of the screen. On the screen that comes up (See Picture above) check port forwarding and then click "Add Custom Service".

NETGEAR
SMARTWIZARD™ router manager
G54 Wireless Router model WGR614v10

Ports - Custom Services

Service Name

Service Type

Starting Port

Ending Port

Server IP Address

You will need to give each forwarded port a name in the box named “Service Name”. This name is not important to the router it is there for your reference. You could use MagWeb for this.

Enter the port number We suggest 502). Enter the Static IP of the MagWeb (Value 1). Click Apply.

NETGEAR
SMARTWIZARD™ router manager
G54 Wireless Router model WGR614v10

The screenshot shows the Netgear SmartWizard router manager interface for a G54 Wireless Router (model WGR614v10). The main window is titled "Ports - Custom Services". On the left is a navigation sidebar with the following menu items:

- Setup Wizard
- Add WPS Client
- Setup
 - Basic Settings
 - Wireless Settings
 - Guest Network
- Content Filtering
 - Logs
 - Block Sites
 - Block Services
 - Schedule
 - E-mail
- Maintenance
 - Router Status
 - Attached Devices
 - Backup Settings
 - Set Password
 - Router Upgrade
- Advanced
 - Wireless Settings
 - Wireless Repeating Function
 - Port Forwarding / Port Triggering
 - WAN Setup
 - LAN Setup
 - QoS Setup

The main configuration area contains the following fields:

- Service Name:
- Service Type: TCP/UDP (dropdown)
- Starting Port: (1-65535)
- Ending Port: (1-65535)
- Server IP Address: 192 . 168 . 1 .

At the bottom of the form are two buttons: "Apply" and "Cancel".

DDNS setup (you only need this part if you have a dynamic ip address)

In the Advanced Menu on the left side of the screen click "Dynamic DNS". On the screen that opens check the box labeled "Use a Dynamic DNS Service". Select DynDNS from the drop down box labeled "Service Provider".

Fill in the Host Name, User Name and Password that you have from DynDNS. You documented this earlier in the section on setting up a DynDNS account.

Click apply to save these settings.