



## Software Manual June '2009 Version 1.9

### 1. Installing UseMyNet on a Linksys WRT54GL Router

1. Connect a PC to the router using a LAN cable.
2. Open Internet Explorer and open the Linksys web-interface. The default address is <http://192.168.1.1>
3. Go to Administration > Firmware Upgrade
4. Browse to the UseMyNet firmware file that you previously downloaded
5. Press upgrade and wait for the upgrade to complete (Approx 30 seconds)
6. When you see the message "Upgrade is successful" continue to wait until the router power light stops flashing.
7. Remove and replace the power cord from the router
8. Again wait for power light to become solid.
9. The unit has now changed its IP address from 192.168.1.1 to 10.0.0.1
10. Disconnect and then reconnect your network connection to pickup the new DHCP address. Your new client address should be in the 10.0.0.x range.
11. Once connected open Internet Explorer and visit the admin page URL

<http://10.0.0.1:81/cgi-bin/admin/adminpage.html>

The default username is 'admin' and password 'admin'

## 2. Connecting to the admin interface.

Connect a PC either via a LAN connection to one of the LAN ports on the router or via a Wifi connection to the unit.

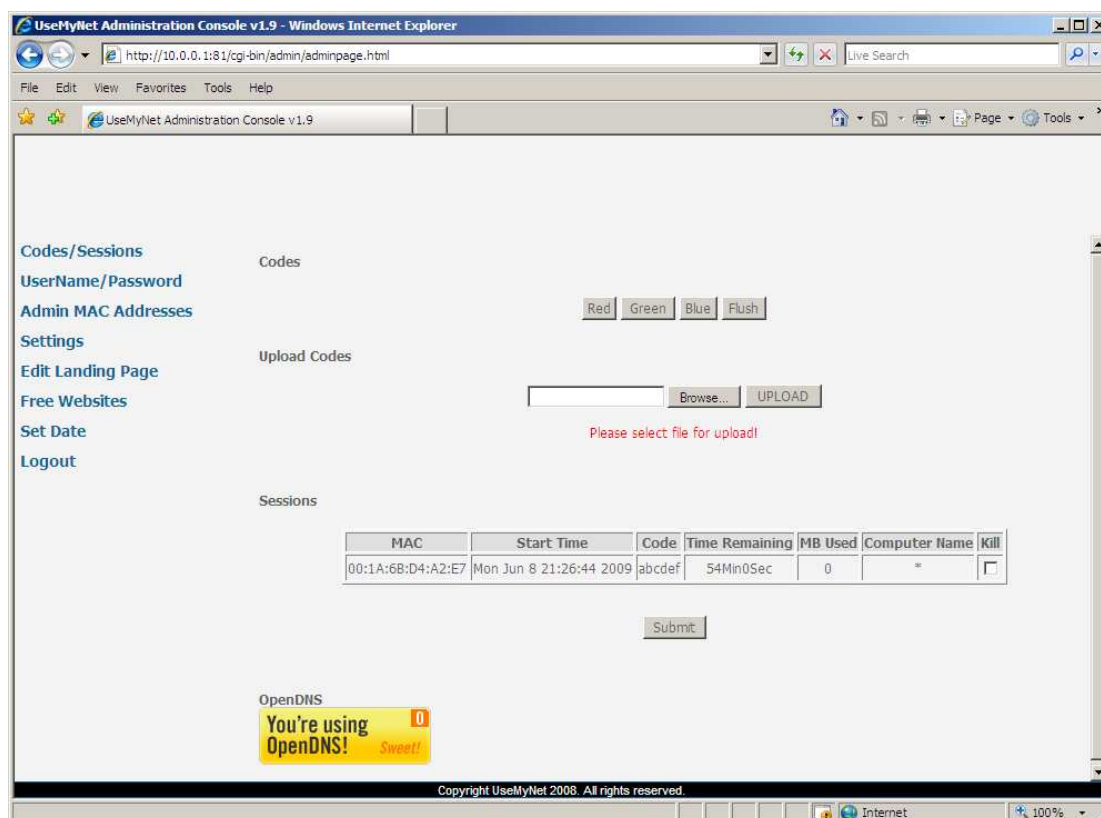
Open a web browser and connect to

<http://10.0.0.1:81/cgi-bin/admin/adminpage.html>

The default login

user: admin

password: admin



## 3. Set a new password

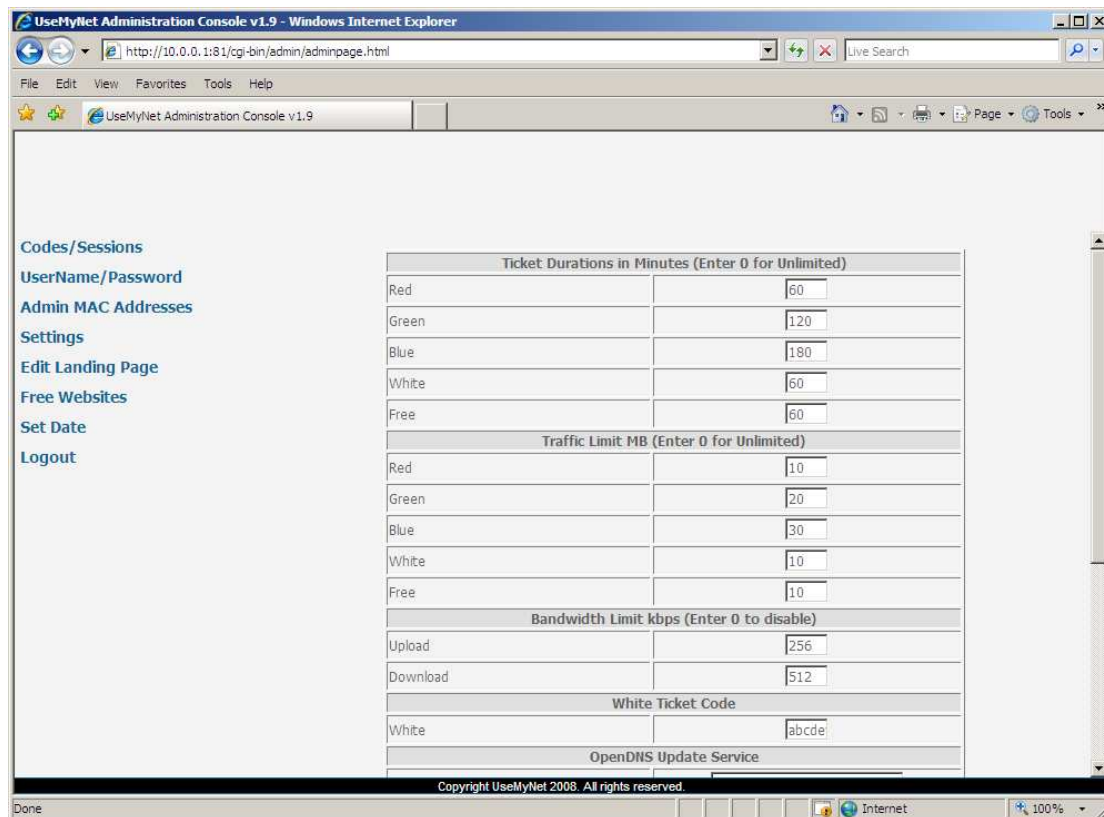
Click on "UserName/Password" link to specify a new admin password. This should be a complex one as otherwise users could gain access to the admin page.

## 4. Optional - Setup Admin MAC Addresses

To have PCs always connected without being prompted for code you can enter their MAC address via the "Admin MAC Address" Link. They will then directly connect without restriction. Please enter the MAC address in the following format AA:BB:CC:DD:EE:FF

## 5. Settings

Click on "Settings" link:



UseMyNet now supports 5 ticket types:

**Red, Green, and Blue:** Single use tickets of different durations. These are generated via the admin interface and are suited for use in an Internet café where you charge for each ticket.

**White:** Multiple use ticket. The same code can be used by multiple customers. Ideal for when you wish to publish a single code for all your customers to use.

**Free:** Customer just needs to click an "I Agree" button to be given access. Ideal for when you need a customer to agree to "Terms of Service" for free access applications.

Enter the preferred duration for each ticket type, and a secure ticket code for the "White Ticket Code"

### 5.1. Traffic Limits

For each code type you can set a maximum traffic limit as well as duration. For example "Red Ticket 5 MB 180 Minutes". Our software keeps track of the traffic generated per session (combined up and download). If the limit is passed then the session is killed. In the Traffic Limit settings you can specify

the amount – If you are unsure we recommend 20 MB / Hour for normal web surfing.

### **5.2. Bandwidth Limit**

This is our older system for controlling bandwidth. This setting is the maximum bandwidth rate used by the unit. For example setting “download” to 512 (kbps) will limit all users on the unit to a combined 512 kbps download speed. **As this script is quite processor intensive we recommend that you leave it disabled unless needed.**

**Note: It’s necessary to setup durations and limits before issuing any tickets.**

### **5.3. Optional - Setup OpenDNS**

From version 1.9 we have integration with OpenDNS. Client machines connecting to the UseMyNet unit are given via DHCP the OpenDNS DNS servers (208.67.222.222 and 208.67.220.220).

You can setup a free account on [www.opendns.com](http://www.opendns.com) . Once you have an account you can log onto your OpenDNS “Dashboard” – Under “Settings” you can specify content filtering settings for your networks.

If you have an Internet connection with a dynamic IP address we provide an update service to inform OpenDNS of your current Internet IP address. In the UseMyNet Settings page under “OpenDNS Update Service” you can specify your OpenDNS username and password. This will update on each system boot.

For this to work correctly your network “Label” on the OpenDNS website should be “UseMyNet”

Using this service has the same effect as using a OpenDNS PC Updater discussed here:

<http://www.opendns.com/support/article/90>

### **5.4. Optional - Setup WiFi SSID**

By default the wireless network name (SSID) that clients see when browsing for networks is “UseMyNet” – If you wish to change this it can be done from the settings page.

The SSID can not contain any spaces and the router must be rebooted for the changes to take effect.

### **5.5. Optional – Advanced XWRT Settings**

The UseMyNet software is based on the XWRT version of OpenWRT. By default the XWRT console is disabled – mainly to save memory on the router.

If you wish to access the XWRT settings you can enable it from the “XWRT (Webif2)” section. The XWRT console will then be available on <http://10.0.0.1>

**\*\*Please do not change the router LAN IP address from 10.0.0.1 – As it must remain as this for the unit to work correctly\*\***

### **5.6. Optional – Setup Redirect Host**

When a customer starts a session they are normally redirected to the website that they requested. It's now possible to specify the redirect website, so after starting a session they are redirected to a website of your choice.

Please enter the URL of the redirect host (or leave blank to disable)

### **5.7. Setup Purge Frequency for Free Tickets.**

Customers can now be prevented from using multiple Free or White Tickets in a set period. When a customer uses a Free or White ticket their MAC address is recorded on a block list. They will not be able to use another Free session until the list is cleared.

The “Frequency of purge Free and White ticket access” setting specifies how often (In hours) the block list is cleared down.

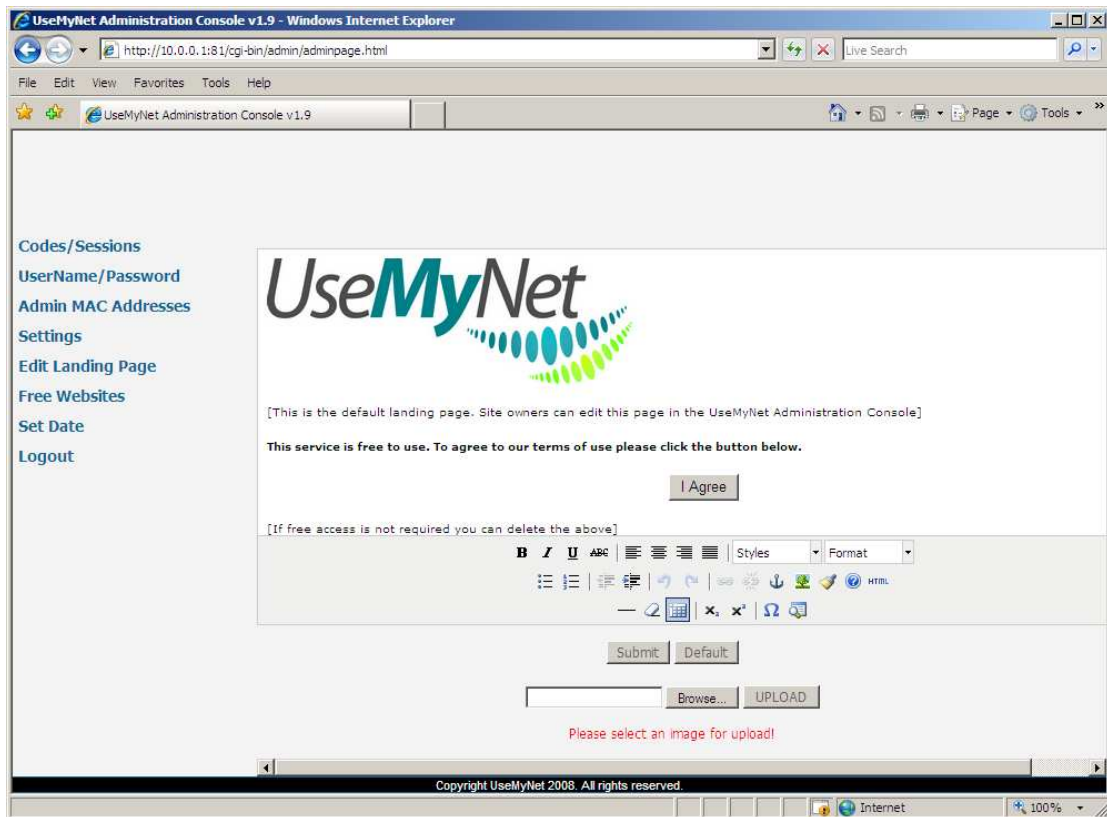
By setting this period to 24 hours, customers must wait until the next day before using another Free session. During this period the customer will get a message asking them to use a paid ticket instead.

## **6. Setup Landing Page.**

The landing page is the page that new customers are redirected to. You should edit this page before first use by clicking on the "Edit Landing Page" link. By default the landing page has the code-free “I Agree” button. This should be deleted if you don't wish to offer code-free access. Edit the text in the box to add your message. When finished click "Submit". If you make an error, click "Default" this will put the page back to its original version.

### **6.1. Adding Image**

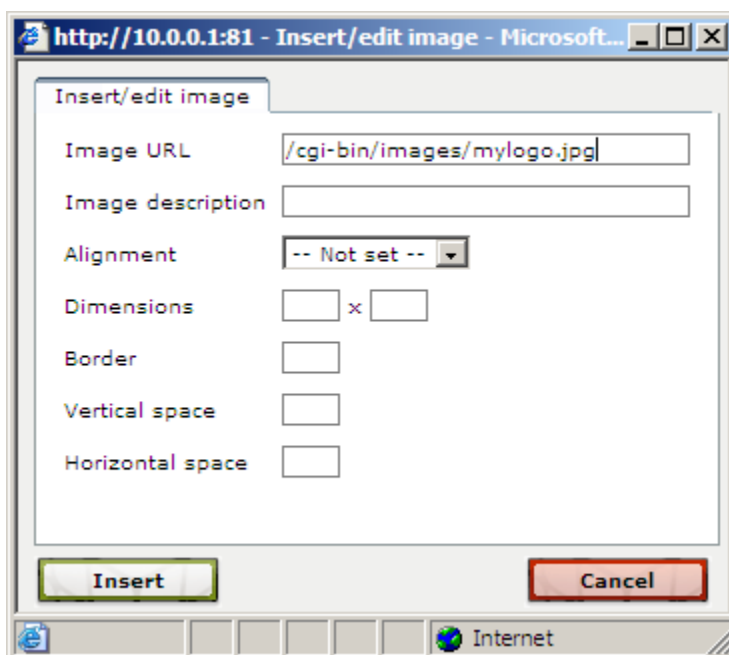
It is possible to upload a single image to the landing page. To do so click the "Browse" button and select a image to upload. Then click the upload button to upload it. The image can be in jpg or gif format and is currently limited to 100 kb in size. Once the image has been uploaded you can insert it into the page by clicking on the “Inset/Edit Image” button (indicated below)



This will launch the add/edit image window. In the URL field enter:

**/cgi-bin/images/mylogo.jpg** (This is the default name of the uploaded image)

When you have done this click insert and you should see your image in the editor window.



**Advanced note:**

It is possible to specify images on external hosting but it is necessary to add the hosting URL to the list of "Free Websites" so that it is possible for unregistered clients to see the image.

**7. Optional - Setup Free Websites**

If you wish to allow clients to connect to specific websites without entering code you can specify the URL here. For example you can enter the URL of your business so that clients may browse before purchasing code. Note. This function is limited to specific websites and does not have wild-card for domains, so if you entered [www.bbc.co.uk](http://www.bbc.co.uk) on list news.bbc.co.uk would not be allowed. Also due to the complexity of some websites this function may not work correctly as certain websites need to make calls to other sites or domains to work correctly.

**8. Ensure date is correct.**

Click on "Set Date" link and ensure that the unit is showing "NTP Date" in Red and that the time and date are correctly displayed. This time will be shown in UTC. If the date not correct please click Reinitialize button and wait for it to be shown. Note. The router unit does not store time or date between reboots, it depends on connecting to an Internet time (NTP) server during the boot process to obtain the time. If for some reason this is not possible the page will display "Attn Required".

**9. Usage****9.1. Generating a Red, Green or Blue code for a customer**

From the Codes/Sessions link click one of the 3 buttons Red, Green or Blue to generate a code for that ticket duration. This can then be given to the customer to connect with.

**9.2. Viewing and manually killing sessions.**

From the Codes/Sessions link the current sessions can be seen. It's possible to prematurely terminate the session by clicking the kill box next to the session and clicking submit.

**9.3. Flushing unused codes.**

From the Codes/Sessions link the "Flush" button will delete all unused codes from the router. This will not effect existing sessions.

**9.4. Uploading Codes**

If you have purchased the UseMyNet bulk code generator or if you have purchased preprinted code booklets with an associated code file then the codes can be uploaded from the front page of the admin interface.

Click Browse – Browse to the code file supplied.

Click Upload – To begin the upload process.

## 10. Support.

Please email any support questions to [sales@usemynet.biz](mailto:sales@usemynet.biz)