

Linksys Cable/DSL Router Installation

This router is used to connect an internet provider to the Advantage system. In order to proceed with the installation you will need the following information:

1. the ip address of the Advantage SCO server
2. the type of internet ip address that will be assigned by the internet provide
3. DHCP
4. STATIC - you will need to know the following
 5. the static ip address
 6. the subnet mask
 7. the gateway ip address
 8. the dns ip address

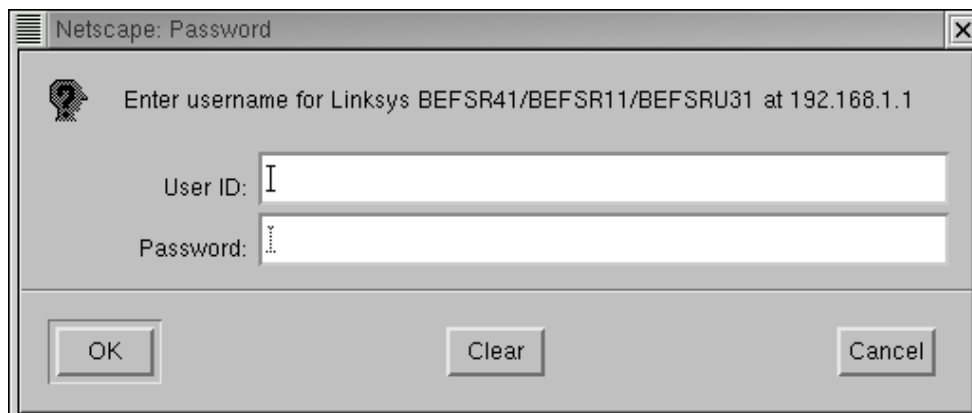
Once you have this information you can continue. Unpack the router and plug the LAN port into a network with a system with browser. Internet explorer, Netscape, and Mozilla can be used on Windows and Linux boxes. On Linux and SCO unix, the Lynx character based web browser can also be used. Advantage has an installation package for Lynx to run under SCO unix. If you need the Lynx package for SCO unix, please contact Advantage hardware.

NOTE: the default ip address for the router is 192.168.1.1! Please do not plug the router into a live network which has an existing ip address of 192.168.1.1! You may isolated 1 pc/workstation on a switch with the router to do initial setup if the ip address of 192.168.1.1 is already being used.

The LAN port on the router does have a "Cross-over" switch that allows you to connect using a standard ethernet patch cord to both switches, hubs, and pc/workstations. Please make sure that the "Cross-over" switch is in the right position for the device you are connecting to.

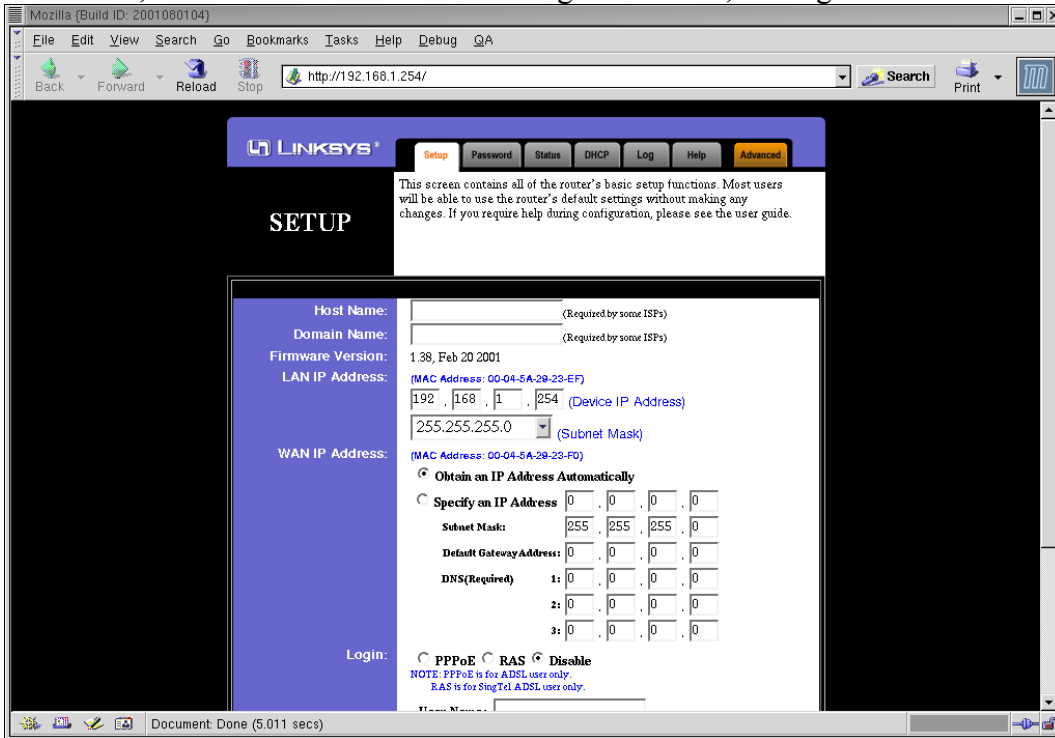
Step1

Once the device is connected, open a web browser and type in the ip address of 192.168.1.1 in the url address box. You will then be prompted for a username and password. Leave the username blank and enter the password of "admin"



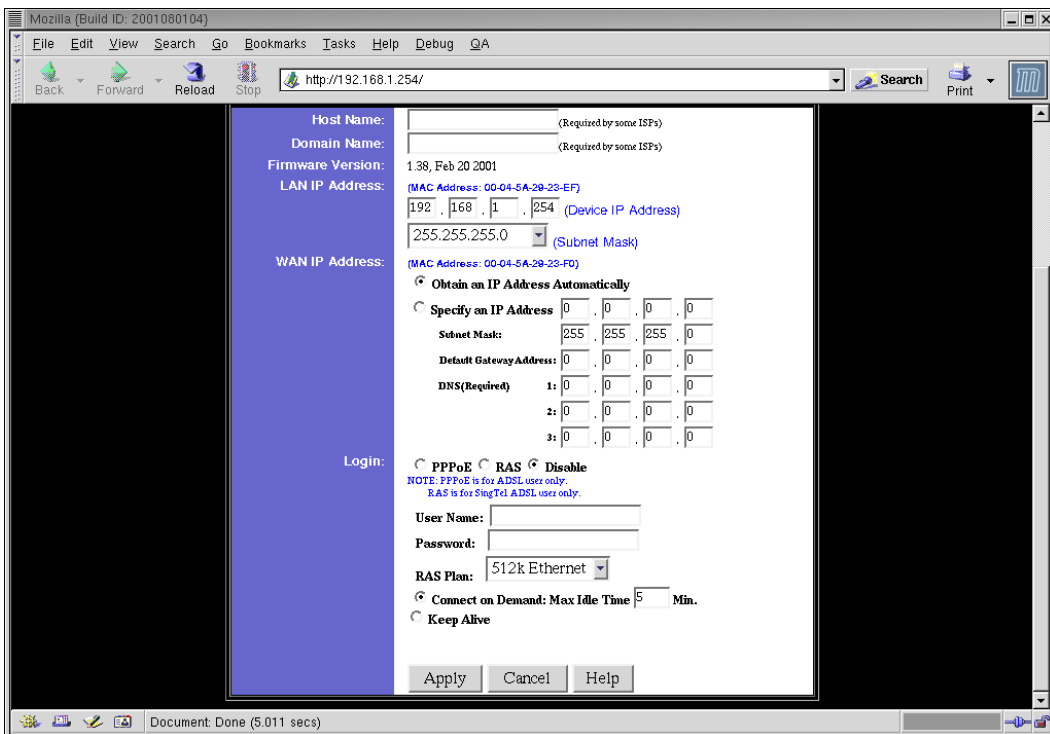
Step2

After enter the password and accessing the main page. Change the ip address of the unit to 192.168.1.254, or whatever the network address is going to be. For example, on a network where the Advantage server has an address of 200.10.10.100, then 200.10.10.254 would be a good address, as long as it is not currently used.



Step3

Next you will need to decide whether the internet ip address will be assigned via DHCP or whether it will be static. If the ip address is assigned via DHCP, then click the apply button.



If the ip address will be static you will need to choose the "Specify an IP Address" box and then enter the static ip, subnet mask, gateway ip, and DNS ip addresses. Then click the apply button.

Mozilla (Build ID: 2001080104)

File Edit View Search Go Bookmarks Tasks Help Debug QA

Back Forward Reload Stop http://192.168.1.254/ Search Print

Host Name: (Required by some ISPs)

Domain Name: (Required by some ISPs)

Firmware Version: 1.38, Feb 20 2001

LAN IP Address: (MAC Address: 00-04-5A-20-23-EF)
192 . 168 . 1 . 254 (Device IP Address)

WAN IP Address: (MAC Address: 00-04-5A-20-23-F0)
255.255.255.0 (Subnet Mask)

Obtain an IP Address Automatically

Specify an IP Address 65 . 69 . 108 . 101

Subnet Mask: 255 . 255 . 255 . 248

Default Gateway Address: 65 . 69 . 108 . 102

DNS(Required) 1: 151 . 164 . 1 . 8

2: 151 . 164 . 1 . 7

3: 0 . 0 . 0 . 0

Login: PPPoE RAS Disable

NOTE: PPPoE is for ADSL user only.
RAS is for SingTel ADSL user only.

User Name:

Password:

RAS Plan: 512k Ethernet

Connect on Demand: Max Idle Time 5 Min.

Keep Alive

Apply Cancel Help

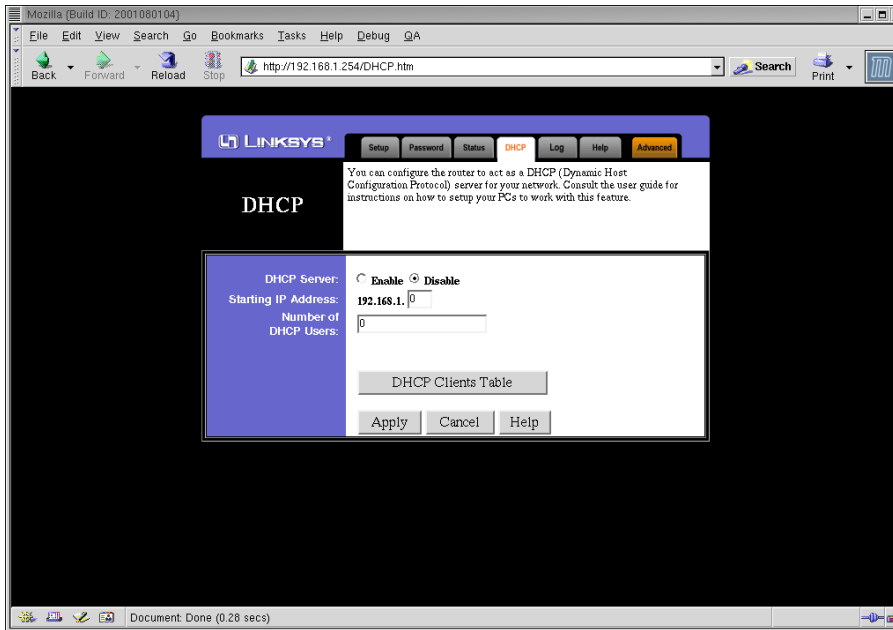
Document: Done (5.011 secs)

Step4

After choosing the apply button a confirmation screen will appear. In order to reconnect to the router, you will need to enter the new ip address in the url box. In our example we have switched the ip address to 192.168.1.254. You will again be prompted to enter the username and password. Leave the username blank and enter the password of "admin"

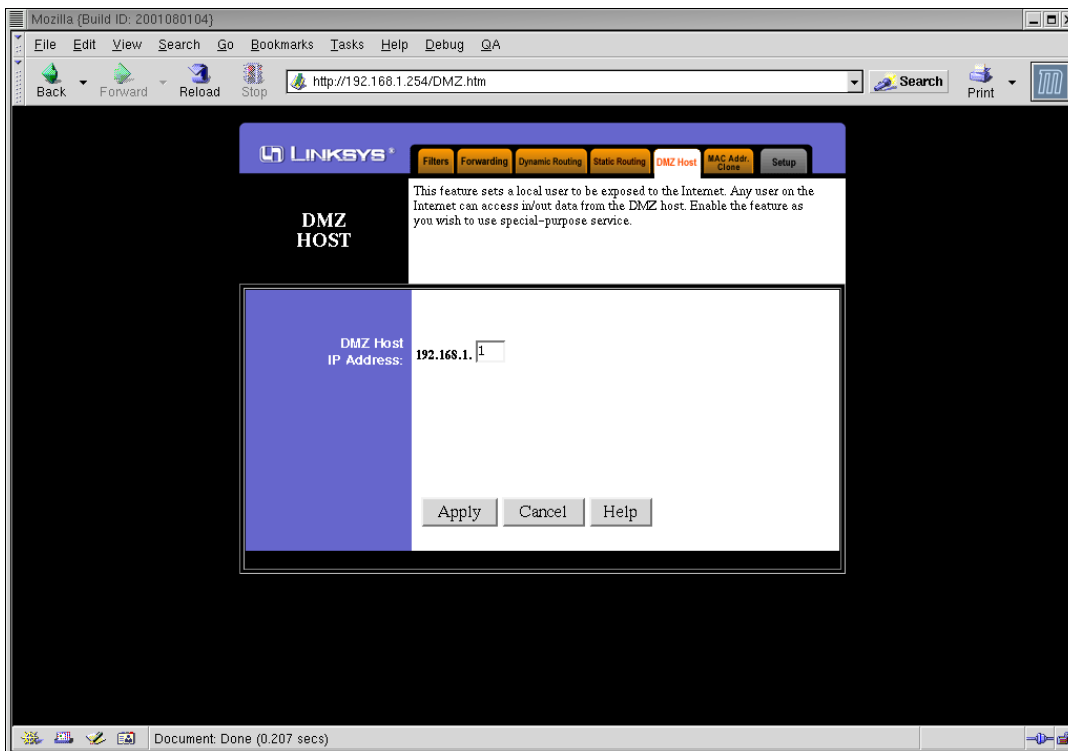
Step5

Once back into the router click the "DHCP Server" tab. You will then need to disable the DHCP server. Then click the apply button.



Step6

After clicking the continue button, click on the "Advanced" tab. You will then need to click the "DMZ Host" tab. Under the "DMZ Host" tab you will enter the IP address of the Advantage SCO Server. Then click the apply button.



Step7

The router is now ready to connect to the system. The WAN port is connected to the cable modem or DSL modem via an ethernet cable. In some instances you will need a cross-over ethernet cable to connect to the modem. The LAN port will need to be connected to the internal network via a switch or hub. If you do not get a LAN link light using a standard ethernet patch cord, then change the "Cross-over" switch position on the router.

