

Re: [opensuse] How to set up the wireless connection for TeleCom router

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Source: <http://linux.derkeiler.com/Mailing-Lists/SuSE/2008-10/msg00336.html>

- *From:* Ed Harrison <ed.harrison@xxxxxxxxxxx>
 - *Date:* Mon, 06 Oct 2008 08:42:33 -0400
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Maura Monville wrote:

----- Original Message -----

From: Ed Harrison <ed.harrison@xxxxxxxxxxx>

To: opensuse@xxxxxxxxxxx

Sent: Sunday, October 5, 2008 5:37:38 PM

Subject: Re: [opensuse] How to set up the wireless connection for TeleCom router

1- The connector on the Aladino phone is a Ethernet plug, not a phone cable?

I checked. The base of Aladino phone (called VoIP) is provided with:

- * a power cable
- * a telephone jack to plug into the wall phone outlet
- * a telephone cable connecting Aladino base with the telephone jack

This kind of connection is used to operate Aladino as a regular analogic phone

If Aladino is used as a digital phone then its base should not be connected to the telephone jack but only to the power outlet for recharging Aladino battery.

In this modality Aladino must be registered as a mobile phone. By pressing Aladino menu button a list of available DECT bases should appear on its display. A base has to be selected from the displayed list. Then on the registration procedure must be activated through pressing the button "Mobile Search" on Aladio VoIP base for roughly 5 seconds until The VoIP LED turns green and flashing.

A preselected PIN must be entered on Aladino phone that will search for the new base. It should be able to find the base previously selected from the list and visualize its identifier to confirm the successful registration. Then the phone number we were given should be set up through Aladino menu services. This ends Aladino configuration. From here onward we should be able to use Aladino in digital modality.

All the other settings are customizations pertinent to SMS messages, the answering machine, and so on.

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Connect the phone cable between the ADSL jack and the Gate 2.

Insert the card.

The phone must be wireless. Set it up and insure that it is working.

2- There is not a phone-out plug on the Gate 2?

TeleCom Gate 2 has a port named ADSL which is actually a phone-out plug.

Gate 2 box includes:

- ° an ADSL filter that is to be connected to the phone jack
 - ° a phone cable to connect the ADSL filter with Gate 2 ADSL port
 - ° an Ethernet cable that (I guess) is to connect the PC Ethernet port with one of Gate 2 Ethernet ports. For instance Eth1
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Connect an Ethernet cable between Gate 2 (any port should work) to an Ethernet port on the D-Link. My router has one port that is a different color and is labeled "Internet". If you have one like this, put the Ethernet cable in it. If not, just choose one.

3- Confirm that the ADSL port on the Gate 2 is for a telephone cable, not for an Ethernet cable.

Correct ! See above

If I understood that the phone only has an Ethernet plug and the ADSL port on the Gate 2 is for a telephone cable, then this should set it up.

Actually Aladino base only has a power plug and a phone plug. It comes with a power cable and a phone cable to be connected to the phone jack only to use Aladino as a analog phone (no digital Voice)

1- Connect wall jack to ADSL port on Telecom Gate 2.

2- In most cases, an ADSL filter with 1 outlet is used only between the wall and a regular telephone to keep ADSL data "noise" out of phone conversations. If your filter has 1 outlet, it doesn't sound like you will need a filter with this new setup. If the filter has 2 outlets, make sure you use the ADSL side for you Gate 2 connection. OR, since you will no longer have a regular phone, it may work just as well with NO filter. The filter is primarily for the telephone.

The ADSL filter has has 2 outlets. One is marked "ADSL" and the other one "Telephone" I will use it because we want to keep the old analog phone as well.

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3- DHCP server at Telecom's end will assign an IP address to the Gate 2.
4- D-Link will be connected to Gate 2 ETH-x and will receive an IP address from the DHCP server in the Gate 2.

So the chain is:

Phone-jack ==> Gate 2 ==> D-Link ==> PC Ethernet port ???

Correct.

5- The Aladino phone will be connected to ETH-x on the Gate 2 to enable VOIP.

Neither Aladino mobile phone nor Aladino base is provided with an Ethernet port. Aladino base is provided with a telephone port

The phone must connect through wireless.

6- The computers will connect 1 to the D-Link ETH-x and 2 via wireless connection and receive IP addresses from the DHCP server in the D-Link.

Gate 2 comes with a card that has to be inserted into the proper Gate 2 slit.

The paper sheet, to which such a card is glued, explains that such a card carries the following hard-coded parameters for activating the network connections:

Rete Wi-Fi (SSID): Alice-xxxxxxxx

WPA key: yyyy yyyy yyyy yyyy yyyy

WEP key: zzzz zzzz zzzz z

Shall I insert such a card into Gate 2 anyway ?

Yes. SSID, WPA key and WEP key are only needed if you wish to connect wirelessly directly to the Gate 2 with the linux machine and the MAC.

I am afraid Gate 2 won't work otherwise. There is also a CD installation guide.

The CD is probably only for a Windows installation.

In addition, it is stated that if the user's computers are already connected to another Alice (TeleCom ADSL service name) modem, the user should keep the parameters indicated in the

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currently used Alica card (the old one) in order to keep his Wi-Fi network connections. Of course TeleCom does not conceive that the user might have a modem, like D-Link, which is not from TeleCom ! Nevertheless, such a statement confirms that if there is already another router providing a wireless connection that the user should be able to keep it ... am I right ?

Is the D-Link a modem, or a router? How was the D-Link connected to the Internet? If it is a modem, and not just a router, none of this may work. Do you have an old Alice unit?

How can I check that ?

On SuSE I use the command "ifconfig" as superuser.

I just tried and recognized the wireless is called "eth0" on Linux and its inet address is: 192.168.1.4

On Mac the if config command prints out a lot more information. I can see 4 data block each one relative to: en0, en1, en2, en3

In the data block starting with "en1" the inet address is: 192.168.1.3

On en0, en2, en3 the inet address starts with 10 or 127 .. I have no idea what it may be.

The problem is that D-Link is connected through the Ethernet cable to the Windows PC. I am not a Windows user other than when I have to use PowerPoint or Word.

I ignore how to get the IP address data out of a Windows system

Since it is wired, the windows PC will get an IP in the same range: 192.168.1.x.

If they are the same, it will be best to see if you can change the Gate 2 DHCP server, since your computers are already set up to talk to the D-Link just as it is now.

It may not matter since the linux and MAC machines are already talking to the D-Link. The windows PC should be alright, also.

To check it, go to Start>>Run>>enter "CMD" and get a console window. Check IP with command: ipconfig /all.

I have no idea how to do that. Especially through a Windows PC ...

On Yast (Linux) I can see that there is a DHCP section to configure the network cards.

But with Windows ... ?

D-Link is connected to the Windows PC which does not have a wireless card.

Ed

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Thank you so much,
Maura

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To unsubscribe, e-mail: opensuse+unsubscribe@xxxxxxxxxxxx
For additional commands, e-mail: opensuse+help@xxxxxxxxxxxx