Cisco DSL Router Configuration and Troubleshooting Guide − RFC1483 Routing Online Form

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Before you can successfully configure your Cisco DSL Router with Asymmetric Digital Subscriber Line (ADSL) service, you need specific information from your ISP. If your ISP is unsure, unable, or unwilling to provide answers to the questions outlined below, you may not be able to correctly configure your Cisco DSL Router.

Forms are provided to help you obtain and record the information you need to build your own configuration. Choose one of two formats for each form. Note that each format has different requirements for saving text that you enter.

- HTML – Enter information in the forms on this page.
  Important: To save your entries you must print this page. No other methods to save your information are available at this time.

- Microsoft Word – Click here to open the forms in Microsoft Word. Fill in the forms, and then save them on your local drive. Return to this page and continue with Choose Your Next Step at the bottom of this page.

Important: If you need assistance with building or troubleshooting your configuration, you must have the information in these forms accessible before you contact the Cisco Technical Assistance Center (TAC).

Record Information from the ISP

The following form includes questions about the name of the reseller where you purchased your Cisco DSL Router and about the name of your ISP. The remaining questions you must ask your ISP. Fill in answers to all questions.

Where did you purchase the Cisco DSL Router (name of Reseller)?	Reseller
What is the name of your ISP?	ISP
Information to Request from Your ISP	
Is the ISP offering you DMT or CAP modulation?	DMT CAP
Is your ISP using an Alcatel compliant or a Cisco Systems DSLAM?	Alcatel Compliant Cisco Other
What VPI/VCI pair values (also called the PVC number) is your ISP using for your DSL connection? For example, 8/35 VPI=8, VCI=35.	VPI VCI
If your ISP assigned a static IP address for your Cisco DSL Router, what is the public IP address and subnet mask?	IP Address Subnet Mask

Is your ISP providing a dynamically generated IP address?	Yes No
What is the IP address of the ISP's default gateway (also called the next hop address)?	ISP Default Gateway IP Address

Record Information About Your Network

Record the following information about your private network. This information is *not* related to the ISP.

Are you performing Network Address Translation (NAT) on your private network?	Yes No
Are you configuring the Cisco DSL Router to act as a Dynamic Host Control Protocol (DHCP) server?	Yes No
What IP address and subnet mask will you configure on the Ethernet0 interface?	IP Address Subnet Mask

Choose Your Next Step

When you have all the information you need from your ISP and about your private network, select one of the following based on whether you have a new installation or are troubleshooting an existing one.

New DSL configuration
Troubleshooting my existing DSL connection

Main Page

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