

Cisco DSL Router Configuration and Troubleshooting Guide – PPPoE Implementation Options for the Cisco DSL Router Acting as a PPPoE Client

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Introduction

This document discusses the Point-to-Point Protocol over Ethernet (PPPoE) implementation options for the Cisco DSL Router acting as a PPPoE client.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

This document is not restricted to specific software and hardware versions.

Conventions

Refer to Cisco Technical Tips Conventions for more information on document conventions.

Implementation Options

Select one of these PPPoE implementation options for your Asymmetric Digital Subscriber Line (ADSL) service. Both implementation options include configuration examples for Network Address Translation (NAT) overload, NAT Pool, Static NAT, and Dynamic Host Control Protocol (DHCP) Server.

Select the implementation that describes the type of PPPoE service your ISP provides.

- PPPoE Cisco DSL Router Client Option 1 Your ISP assigns a single dynamic public IP address to your Cisco DSL Router.
- PPPoE Cisco DSL Router Client Option 2 Your ISP assigns a single static public IP address to your Cisco DSL Router.

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Verify

There is currently no verification procedure available for this configuration.

Troubleshoot

There is currently no specific troubleshooting information available for this configuration.

Related Information

- [Cisco DSL Router Configuration and Troubleshooting Guide – PPPoE Implementation Options](#)
 - [Cisco DSL Router Configuration and Troubleshooting Guide](#)
 - [Technical Support & Documentation – Cisco Systems](#)
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