

# Cisco DSL Router Configuration and Troubleshooting Guide – PPPoA Implementation Options

Document ID: 71111

---

<b>Introduction</b>
<b>Prerequisites</b>
Requirements
Components Used
Conventions
<b>Options</b>
<b>Verify</b>
<b>Troubleshoot</b>
<b>Related Information</b>

---

## Introduction

This document discusses the Point-to-Point Protocol over ATM (PPPoA) implementation options.

## 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.

## Options

Select one of these PPPoA 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 option that describes the type of PPPoA service your ISP provides.

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

Return to the Main Page of this configuration guide.

## 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 – PPPoA Online Form](#)
  - [Cisco DSL Router Configuration and Troubleshooting Guide](#)
  - [Technical Support & Documentation – Cisco Systems](#)
- 

[Contacts & Feedback](#) | [Help](#) | [Site Map](#)

© 2008 – 2009 Cisco Systems, Inc. All rights reserved. [Terms & Conditions](#) | [Privacy Statement](#) | [Cookie Policy](#) | [Trademarks of Cisco Systems, Inc.](#)

---

Updated: Sep 20, 2006

Document ID: 71111

---