

Cisco DSL Router Configuration and Troubleshooting Guide – RFC1483 Bridging Implementations

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Introduction

This document discusses RFC 1483 bridging implementations.

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.

RFC 1483 Bridging Implementations

Select one of these RFC 1483 bridging implementations for your Asymmetric Digital Subscriber Line (ADSL) service.

- **Integrated Routing and Bridging (IRB)** (Recommended) The IRB feature allows your Cisco DSL Router to bridge traffic in on its ATM interface (the ADSL interface) and then route that traffic out on its Ethernet interface. With IRB enabled, the Cisco DSL Router can perform value-added services such as Network Address Translation (NAT) overload, NAT Pool, Static NAT, and Dynamic Host Control Protocol (DHCP) Server.
- **Pure Bridging** In a Pure Bridging implementation, your Cisco DSL Router acts as a simple ADSL to Ethernet bridge, and is unable to provide value-added services.

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Related Information

- **Technical Support & Documentation – Cisco Systems**

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