



## Preface

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This preface describes the objectives and organization of this document and explains how to find additional information on related products and services. This preface contains the following sections:

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## Document Revision History

The Document Revision History table below, beginning with version OL-2696-04, records technical changes to this document.

Document Version	Date	Change Summary
OL-2696-04	April, 2007	Adds Cisco 7201 router information.

## Objectives

This document describes how to install and minimally configure the Gigabit Ethernet port adapter (PA-GE), hereafter referred to as the PA-GE, which is used in the following platforms:

- Cisco 7100 series routers, consisting of the Cisco 7120 series and Cisco 7140 series
- Cisco 7200 VXR routers, consisting of the four-slot Cisco 7204VXR router and the six-slot Cisco 7206VXR router
- Cisco uBR7246VXR universal broadband routers
- Cisco 7201 router
- Cisco 7304 PCI Port Adapter Carrier Card in the Cisco 7304 router

# Organization

This document contains the following chapters:

Section	Title	Description
Chapter 1	<a href="#">Overview</a>	Describes the PA-GE and its supported features, LED displays, cables, and receptacles.
Chapter 2	<a href="#">Preparing for Installation</a>	Describes specific software and hardware requirements, safety considerations, tools required, procedures you should perform before the actual installation, and important compliance information.
Chapter 3	<a href="#">Removing and Installing Port Adapters</a>	Describes the procedures for installing and removing PA-GE port adapters.
Chapter 4	<a href="#">Attaching the PA-GE Cables</a>	Provides instructions for connecting cables to the PA-GE.
Chapter 5	<a href="#">Configuring the PA-GE</a>	Provides instructions for performing a basic configuration for the PA-GE.

## Related Documentation

Your router and the Cisco IOS software running on it contain extensive features and functionality, which are documented in the following resources:

- Cisco IOS software:

For configuration information and support, refer to the modular configuration and modular command reference publications in the Cisco IOS software configuration documentation set that corresponds to the software release installed on your Cisco hardware.



**Note** You can access Cisco IOS software configuration and hardware installation and maintenance documentation on the World Wide Web at <http://www.cisco.com>, <http://www-china.cisco.com>, or <http://www-europe.cisco.com>.

- Cisco 7100 series routers:
  - For an online directory to quickly access documents for Cisco 7100 series routers, refer to the *Cisco 7100 Series Documentation* roadmap at the following URL:  
[http://www.cisco.com/en/US/products/hw/vpndevc/ps333/products\\_product\\_index09186a00800fa142.html](http://www.cisco.com/en/US/products/hw/vpndevc/ps333/products_product_index09186a00800fa142.html)
  - For hardware installation and configuration information refer to the *Cisco 7100 Series VPN Router Installation and Configuration Guide*.
  - For information on setting up a Virtual Private Network, refer to the *Cisco 7100 Series VPN Configuration Guide*.

- Cisco 7200 VXR routers:
  - For an online directory to quickly access documents for Cisco 7200 VXR routers, refer to the *Cisco 7200 Series Routers Documentation Roadmap* at the following URL:  
[http://www.cisco.com/en/US/products/hw/routers/ps341/products\\_documentation\\_roadmap09186a00801c0915.html](http://www.cisco.com/en/US/products/hw/routers/ps341/products_documentation_roadmap09186a00801c0915.html)
  - For hardware installation and maintenance information, refer to the *Cisco 7200 VXR Installation and Configuration Guide* or the *Cisco 7200 VXR Routers Quick Start Guide*.
- Cisco uBR7200 series routers:
  - For an online directory to quickly access documents for Cisco uBR7200 Universal Broadband routers, refer to the *Cisco uBR7200 Universal Broadband Router Documentation Roadmap* at the following URL:  
[http://www.cisco.com/en/US/products/hw/cable/ps2217/products\\_documentation\\_roadmap09186a00805e0d0c.html](http://www.cisco.com/en/US/products/hw/cable/ps2217/products_documentation_roadmap09186a00805e0d0c.html)
- Cisco 7201 router:
  - For an online directory to quickly access documents for the Cisco 7201 router, refer to the *Cisco 7201 Router Documentation Roadmap* at the following URL:  
[http://www.cisco.com/en/US/customer/products/hw/routers/ps341/products\\_documentation\\_roadmap09186a00807f635a.html](http://www.cisco.com/en/US/customer/products/hw/routers/ps341/products_documentation_roadmap09186a00807f635a.html)
  - For hardware installation and maintenance information, refer to the *Cisco 7201 Installation and Configuration Guide* or the *Cisco 7201 Router Quick Start Guide*.
- Cisco 7304 PCI port adapter carrier card in Cisco 7304 router:
  - For an online directory to quickly access documents for the Cisco 7304 PCI Port Adapter Carrier Card in the Cisco 7301 router, refer to the *Cisco 7304 Router Line Card, Carrier Card, Port Adapter, Modular Services Card, and Shared Port Adapter Documentation Roadmap* at the following URL:  
[http://www.cisco.com/en/US/products/hw/routers/ps352/products\\_documentation\\_roadmap09186a00801c0f5e.html](http://www.cisco.com/en/US/products/hw/routers/ps352/products_documentation_roadmap09186a00801c0f5e.html)
  - For hardware installation and maintenance information, refer to the *Cisco 7304 PCI Port Adapter Carrier Card Installation and Configuration Guide*.
- For international agency compliance, safety, and statutory information for WAN interfaces, refer to the following documents. Use the documentation roadmap for your particular router to link to the appropriate documents for your router:
  - *Regulatory Compliance and Safety Information for Cisco 7100 Series VPN Routers*
  - *Regulatory Compliance and Safety Information for Cisco 7200 Series Routers*
  - *Regulatory Compliance and Safety Information for the Cisco uBR7200 Series Routers*
  - *Regulatory Compliance and Safety Information for the Cisco 7304 Internet Router*

# Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly What's New in Cisco Product Documentation, which also lists all new and revised technical documentation at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>