Preface

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

- Document Revision History, page iii
- Objectives, page iii
- Organization, page iv
- Related Documentation, page iv
- Obtaining Documentation and Submitting a Service Request, page v

Document Revision History

The Document Revision History table below records technical changes to this document.

Document Version	Date	Change Summary
OL-10589-02	July, 2007	This document adds information about accelerated features and restrictions for the channelized mode; see Chapter 5.
	July, 2009	Added recommendations for configuring MLPPP/MLFR bundles on 7200 router, "MLPPP/MLFR Scale Recommendations" section on page 5-4.
OL-10589-01	November, 2006	This is the first version of this document.

Objectives

This document describes how to install and configure 1-port PA-MC-T3-EC port adapter and the 2-port PA-MC-2T3-EC port adapter, hereafter referred to as the PA-MC-T3-EC port adapter, which is used in the Cisco 7204VXR router and the Cisco 7206VXR router, the Cisco 7201 router, and the Cisco 7301 router.

Note The Cisco 7206VXR router can be used as a router shelf in a Cisco AS5800 universal access server. For more information about the Cisco 7206VXR as a router shelf, see the Cisco AS5800 Universal Access Server documentation listed in the "Related Documentation" section on page iv.

Organization

This document contains the following chapters:

:

Section	Title	Description
Chapter 1	Overview	Describes the PA-MC-T3-EC port adapter and its LEDs and cables. Provides supporting information about addressing and networks.
Chapter 2	Preparing for Installation	Describes safety considerations and tools required for the installation.
Chapter 3	Removing and Installing Port Adapters	Provides instructions for installing a port adapter in the supported platform and for connecting cables.
Chapter 4	Configuring the Unchannelized Mode	Provides instructions for configuring your port adapter in the unchannelized mode.
Chapter 5	Configuring the Channelized Mode	Provides instructions for configuring your port adapter in the channelized mode.

Related Documentation

Your router or switch 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.

- The Cisco 7200 VXR router and the Cisco IOS software running on it contain extensive features and functionality, which are documented in the following resources:
  - Cisco 7200 Series Routers Documentation Roadmap for a list of all Cisco 7200 series routers documentation and troubleshooting tools and information. See http://www.cisco.com/en/US/docs/routers/7200/roadmaps/7200_series_doc_roadmap/3512.html
  - For port adapter hardware installation and memory configuration information, refer to the *Cisco 7200 Series Port Adapter Hardware Configuration Guidelines* at the following URL:

    http://www.cisco.com/en/US/docs/routers/7200/configuration/7200_port_adapter_config_guidelines/config.html

  - *Regulatory Compliance and Safety Information for Cisco 7200 Series Routers* at the following URL:

    http://www.cisco.com/en/US/docs/routers/7200/install_and_upgrade/regulatory_compl_safety_7200/3419pnc6.html

  - Cisco 7200 Series Routers Troubleshooting Documentation Roadmap for links to troubleshooting tools, utilities, and Tech Notes. See https://www.cisco.com/en/US/docs/routers/7200/roadmaps/7200_series_trblshoot_doc_roadmap/3518.html

- The Cisco 7201 Router contains extensive features and functionality, which are documented in the following resources:
  - Cisco 7201 Router Documentation Roadmap contains a linked list of all documents pertaining to the Cisco 7201 router.
  - *Cisco 7201 Router Port Adapter Documentation Roadmap* contains a linked list of all port adapter documents pertaining to the Cisco 7201 router.
  - *Cisco 7201 Router Troubleshooting Documentation Roadmap* contains a linked list of all troubleshooting documents pertaining to the Cisco 7201 router.
  - *Regulatory Compliance and Safety Information for Cisco 7200 Series Routers* at the following URL:

    http://www.cisco.com/en/US/docs/routers/7200/install_and_upgrade/regulatory_compl_safety_7200/3419pnc6.html

- The Cisco 7301 Router contains extensive features and functionality, which are documented in the following resources:
  - *Cisco 7301 Router Documentation Roadmap* contains a linked list of all documents pertaining to the Cisco 7301 router.
  - *Cisco 7301 Router Port Adapter Documentation Roadmap* contains a linked list of all port adapter documents pertaining to the Cisco 7301 router.
  - *Cisco 7301 Router Troubleshooting Documentation Roadmap* contains a linked list of all troubleshooting documents pertaining to the Cisco 7301 router.
- Cisco AS5800 Universal Access Servers:

  For hardware installation and maintenance information and software configuration information, refer to the following publications:

  Cisco AS5800 Universal Access Server Hardware Installation and Configuration Guide and *Cisco AS5850 Universal Gateway Operations, Administration, Maintenance, and Provisioning Guide*

  Cisco AS5800 Universal Access Server Regulatory Compliance and Safety Information at the following URL:

  http://www.cisco.com/en/US/docs/routers/access/as5800/software/notes/5800rcns.html

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

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

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.