



Preface

This chapter explains the objectives, intended audience, and organization of this guide and describes the conventions that convey instructions and other information.

Cisco Enhanced Device Interface (Cisco E-DI) provides an XML (eXtensible Markup Language) Programmatic Interface (PI) based on NETCONF standards, and the supported data model is published through XSD (XML Schema Definitions) files.

Cisco E-DI also allows users to send CLI commands programatically as text enclosed in XML tags. The response to the CLI commands will be the output from the device in text format enclosed in the appropriate XML tags.

While CLI scripts and macro commands can provide some programmatic support for managing large networks, the approach can still be cumbersome and unsuitable for comprehensive management of large networks. Management applications handling multi-vendor devices expect a standards based programmatic interface.

Use this document to learn how to program the XML PI to configure devices.

For the latest and updated documentation of Cisco Enhanced Device Interface, 2.2.1, please check Cisco.com:

http://www.cisco.com/en/US/products/ps6456/tsd_products_support_series_home.html

The following documentation is a part of Cisco E-DI 2.2.1:

- *Release Notes for Cisco Enhanced Device Interface on Windows, 2.2.1*
- *Installation and Setup Guide for Cisco Enhanced Device Interface 2.2.1*
- *User Guide for Cisco Enhanced Device Interface 2.2.1*
- *Programmer's Guide for Cisco Enhanced Device Interface 2.2.1*

Audience

The primary audience for this guide includes system administrators and programmers. This guide assumes the reader is familiar with the following products and topics:

- XML
- XSD files

Conventions

This document uses the following conventions:

Table 1 **Document Conventions**

Item	Convention
Commands and keywords	boldface font
Displayed session and system information	<i>screen font</i>
Information that the user must enter	boldface screen font
Variables that the user must supply	<i>italic screen font</i>
Menu items and button names	boldface font
Selecting a menu item	Option > Network Preferences



Caution

Means reader be careful. In this situation, you might do something that could result in equipment damage or loss of data.



Note

Means reader take note. Notes contain helpful suggestions or references to material not covered in the manual.



Timesaver

Means the described action saves time. You can save time by performing the action described in the paragraph.



Tip

Means the information will help you solve a problem. The tips information might not be troubleshooting or even an action, but could be useful information, similar to a Timesaver.

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 Cisco technical documentation, at:

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