

# Cisco IOS Release 12.0(5) DA

This product bulletin describes new features introduced in Cisco IOS™ Software Release 12.0(5)DA. Cisco IOS™ Software Release 12.0(5)DA is an Early Deployment release for the CISCO 6260 DSL Access Concentrator platform.

This product bulletin describes:

- Release 12.0(5)DA overview and availability
- Release 12.0(5)DA functionality
- Related Documentation

## Overview

Cisco IOS Software Release 12.0(5)DA is required to support Cisco's 6260 DSL Access Concentrator and should only be used for customers who are using the Cisco 6260.

Cisco IOS Software Release 12.0(5)DA will receive regular maintenance like all other Major Releases. Note that 12.0(5)DA will be a limited life release, with regular maintenance and support only available until the introduction of a future mainline IOS release at which time all customers running 12.0(5)DA will be required to upgrade to the mainline release for regular maintenance and support.

## Availability

- The first release of IOS™ Software Release 12.0(5)DA is September 14th, 1999.
- Electronic Transfer availability from CCO is on September 7th, 1999
- Future maintenance releases will also be available from CCO.
- Note that no media based shipments are not planned at this time and 12.0(5)DA is only available through CCO with no new orders or RMAs supported

## Features for Cisco IOS Release 12.0(5)DA

The Cisco 6260 DSL Access Multiplexer is an ATM-based DSL Access Concentrator. Cisco IOS Release 12.0(5)DA runs on the Network Interface-2 card (NI-2) of the 6260 enabling it to be configured and managed using the Cisco IOS command line interface (CLI) features and capabilities and/or through a separate element management application. Note that the 6260 does not support Layer 3 routing or networking capabilities for user data flow. Specifically, the Cisco IOS Software Release 12.0(5)DA feature support for the 6260 includes:

- Support for the Cisco IOS command line interface (CLI).
- SNMP agent and MIB support for managing the platform through an optional element manager software application (Cisco DSL Manager.)
- Configuration of all 6260 interfaces (DSL, WAN, and subtend interfaces) and all system-wide parameters
- UNI 3.1/4.0 signaling support
- UNI 3.1/4.0 traffic management support
- Monitoring of status and traffic flow for each interface
- Display, investigation and disabling of critical, major, and minor alarms
- Maintenance and test support for isolation and resolution of problems
- Support for 6260 alarm relay contacts and environmental monitoring of key system resources

## Related Documentation

- Product Release Notes for the 6260 and Cisco IOS Release 12.0(5)DA can be found on CCO beginning September 7th
- The following Cisco 6260 user documentation is available on CCO:
  - Configuration Guide for Cisco 6000 Family DSLAMs with NI-2
  - Command Reference for Cisco 6000 Family DSLAMs with NI-2
  - Cisco 6260 Hardware Installation and Troubleshooting Guide
  - NI-2 Card Installation and Configuration for the Cisco 6260
  - ATUC-1-4DMT Card Installation and Configuration for the Cisco 6260
  - I/O Interface Module Installation and Configuration for the Cisco 6260
  - Cisco 6260 PEM and Fan Tray Installation and Replacement
  - Cisco 6260 Release Notes for Cisco IOS Release 12.0(5)DA
- Additionally, in the following ATM software manuals, look for information pertaining to the LightStream 1010, which uses the same software base as the Cisco 6260:
  - ATM Switch Router Software Configuration Guide
  - ATM Switch Router Command Reference Guide
  - Guide to ATM Technology

**Corporate Headquarters**

Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
<http://www.cisco.com>  
Tel: 408 526-4000  
800 553-NETS (6387)  
Fax: 408 526-4100

**European Headquarters**

Cisco Systems Europe s.a.r.l.  
Parc Evolic, Batiment L1/L2  
16 Avenue du Quebec  
Villebon, BP 706  
91961 Courtaboeuf Cedex  
France  
<http://www-europe.cisco.com>  
Tel: 33 1 69 18 61 00  
Fax: 33 1 69 28 83 26

**Americas  
Headquarters**

Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
<http://www.cisco.com>  
Tel: 408 526-7660  
Fax: 408 527-0883

**Asia Headquarters**

Nihon Cisco Systems K.K.  
Fuji Building, 9th Floor  
3-2-3 Marunouchi  
Chiyoda-ku, Tokyo 100  
Japan  
<http://www.cisco.com>  
Tel: 81 3 5219 6250  
Fax: 81 3 5219 6001

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