

**Product Bulletin No. 1835**  
**IOS 12.2(10)DA Announcement (May 5, 2003)**

**Introduction**

This Product Bulletin describes the content and delivery information concerning Cisco IOS® software release 12.2(10)DA for the Cisco 6XXX Series IP DSL Switches. For more information about the Cisco IOS software release process, please see Product Bulletin #537 at:

[http://www.cisco.com/warp/public/cc/pd/iosw/iore/prodlit/537\\_pp.htm](http://www.cisco.com/warp/public/cc/pd/iosw/iore/prodlit/537_pp.htm)

This Product Bulletin should be used in conjunction with the "Cisco IOS Software Release 12.2 Features" Product Bulletin located at:

[http://wwwin.cisco.com/cmc/cc/pd/iosw/iore/prodlit/1262\\_pp.htm](http://wwwin.cisco.com/cmc/cc/pd/iosw/iore/prodlit/1262_pp.htm)

It is recommended that before deploying a new software release in a production network; you always consult the appropriate product-specific documentation, release notes, field notices, and reference the online defect tracking system prior to performing acceptance testing in your test environment.

**Migration Guide**

In order to take advantage of the latest feature enhancements and IOS updates *it is recommended that all customers migrate to the latest IOS release: 12.2(12)DA2*.

If operational conditions do not permit a direct upgrade to IOS release 12.2(12)DA2, the serial migration path shown in Table 1 can be used. There are no technical reasons associated with the IOS releases shown in the left column of Table 1 that would prevent a direct upgrade to 12.2(12)DA2.

**Table 1: Cisco IOS 12.2(10)DA Migration Guide**

Functionality in This Release	Will Be Available Next in
12.2(1b)DA	12.2(1b)DA1
12.2(1b)DA1	12.2(5)DA
12.2(5)DA	12.2(5)DA1
12.2(5)DA1	12.2(7)DA
12.2(7)DA	12.2(10)DA
12.2(10)DA	12.2(10)DA1
12.2(10)DA1	12.2(12)DA
12.2(12)DA	12.2(12)DA1
12.2(12)DA1	12.2(12)DA2

**New Features**

The following new feature is supported beginning with 12.2(10)DA:

- The Power Management feature for the 8xDMT line card
  - 8xDMT line card can utilize this feature in the G.dmt or T1.413 modes.
  - Power cutback produces a reduction in power dissipation and cross-talk

The DSLAMs that support this new feature are supported in all currently available systems, as shown in Table 2.

**Table 2: Cisco IOS 12.2(10)DA New Feature**

	New Feature	6015	6160	6260
	Power Management for 8xDMT Line card	v	v	v

#### Detailed Information

For more detailed information about the platforms supported, and the features delivered in 12.2(10)DA, please refer to the complete Cisco IOS Software Release Notes for the 12.2(10)DA train located at:

[http://www.cisco.com/univercd/cc/td/doc/product/dsl\\_prod/ios\\_dsl/re1122/relnotes/index.htm](http://www.cisco.com/univercd/cc/td/doc/product/dsl_prod/ios_dsl/re1122/relnotes/index.htm)

#### Support

Cisco IOS Software 12.2(10)DA is supported by the Cisco Systems Product Support Policy found at the following URL:

<http://www.cisco.com/univercd/cc/td/doc/pcat/wwtacr.htm>

#### Product Numbers

Table 3 describes the product ordering codes and image names for Cisco IOS software Release 12.2(10)DA

**Table 3: Cisco IOS Release 12.2(10)DA Description, Product Codes and Images**

Platform	Description	Product Code	Image	Boot Image
6015	Base Software	S6015AB21-12210DA1=	ni2-dsl-mz	ni2-dboot-mz*
6160	Base Software	S61AB21-12210DA1=	ni2-dsl-mz	ni2-dboot-mz*
6260	Base Software	S62AB21-12210DA1=	ni2-dsl-mz	ni2-dboot-mz*

\* The enhanced NI-2 cards (NI-2-155SM-155SM2 and NI-2-155MM-155MM2) work only with a enhanced ni2-dboot2-mz image that is shipped preinstalled in the NI-2 bootflash. Enhanced NI-2 cards do not run with an ni2-dboot-mz dboot image.

#### Download Information

Customers can download Cisco IOS Release 12.2(10)DA software from Cisco Connection Online (CCO) in the Software Image Library at:

<http://www.cisco.com/cgi-bin/Software/Iosplanner/Planner-tool/iosplanner.cgi?majorRel=12.2>

**Corporate Headquarters**

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

**European Headquarters**

Cisco Systems International BV  
Haarlerbergpark  
Haarlerbergweg 13-19  
1101 CH Amsterdam  
The Netherlands  
[www-europe.cisco.com](http://www-europe.cisco.com)  
Tel: 31 0 20 357 1000  
Fax: 31 0 20 357 1100

**Americas Headquarters**

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

**Asia Pacific Headquarters**

Cisco Systems, Inc.  
Capital Tower  
168 Robinson Road  
#22-01 to #29-01  
Singapore 068912  
[www.cisco.com](http://www.cisco.com)  
Tel: +65 317 7777  
Fax: +65 317 7799

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