



## Product Bulletin No. 1950

### IOS 12.2(12)DA Announcement (November 4, 2002)

#### Introduction

This product bulletin describes the new features introduced in Cisco IOS Software Release 12.2(12)DA for the Cisco 6xxx Series IPDSL Switches. It should be used in conjunction with the Product Bulletin titled, "Cisco IOS Software Release 12.2 Features," located at the following URL: [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)

#### New Features

The following key features are supported with the Cisco IOS Release 12.2(12)DA

- Annex B interoperability with CPE has been expanded from a Globespan Virata based CPE (such as Arsecom) approach, to include non-GlobespanVirata based CPE such as Cisco's SOHO 76 and 826 CPE. Improved support for Alcatel labeled CPE such as the SpeedTouch Home has also been added.
  - The SOHO76/826 CPEs software versions may require updating to make the most of this change. The 826 CPE is best used with 12.2(4) YA2 or newer IOS. CPE supporting an "ETSI Legacy/ UR-2" operating mode option are best used in the UR-2 mode when deployed with the Cisco DSLAM.
  - Overall Annex B capability has been improved, including upgrades for CPE "dying gasp" and CPE vendor ID support.
- Enhancements have been added to the NI-2 OC-3/STM-1 capability to fully support QoS on a fully loaded chassis of G.shdsl line cards, running at 20Mbps. In addition to this 12.2(12)DA IOS release, new NI-2 OC-3 (SM or MM) hardware is required for full functionality, this new board is scheduled to be available soon.

#### Detail Information

For more detailed information about the platforms supported and the features delivered in Cisco IOS Release 12.2(12)DA, please refer to the complete Cisco IOS Software Release Notes for 12.2(12)DA at:

[http://www.cisco.com/univercd/cc/td/doc/product/dsl\\_prod/ios\\_dsl/rel122/relnotes/index.htm](http://www.cisco.com/univercd/cc/td/doc/product/dsl_prod/ios_dsl/rel122/relnotes/index.htm)



## Support

Cisco IOS Software 12.2(12)DA follows the standard Cisco support policy as indicated in the following link: <http://www.cisco.com/warp/public/437/27.html>

## Download Information

Customers can download Cisco IOS Release 12.2(12)DA software from Cisco Connection Online (CCO) in the Software Image Library:

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



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