

Cisco IOS Software Release 12.0DA

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Early Deployment (ED) Release Summary

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Description

Cisco IOS® Software Release 12.0DA is based on Cisco IOS Software Release 12.0T and provides underlying support for Digital Subscriber Line (DSL) technology supported on the Cisco 6260 DSL, Cisco 6130, and 6100 DSL Access Concentrators that are configured with NI-2 hardware.

Cisco IOS Software Release 12.0(5)DA was released at the end of August 1999.

Cisco IOS Software Release 12.0DA provides regular maintenance revisions until end of engineering (EOE).

Note that Cisco IOS Software Release 12.0DA is a limited life release with regular maintenance and support available until a future mainline Cisco IOS release is available (targeted for the fourth quarter of 1999). At that time, all customers running Cisco Software Release IOS 12.0DA are required to upgrade to the new release for regular maintenance and support.

Cisco IOS Software Release 12.0(5)DA runs on the NI-2 system card of the Cisco 6260. The NI-2 system card is available as an option on the Cisco 6100 and 6130. The following features are supported in Cisco IOS Software Release 12.0(5)DA1:

- Support for the Cisco IOS command line interface (CLI).
- Simple Network Management Protocol (SNMP) agent support for communicating between the Cisco 6260 and the DSL Access Manager (Enhanced Monitoring Services (EMS) for the Cisco 6260).
- Configuration of platform interfaces and system-wide parameters including DSL access modem and WAN interfaces.
- Support for ATM provisioning and configuration including both permanent virtual circuits (PVCs) and switched virtual circuits (SVCs).
- Monitoring status and traffic flow for each interface.
- Display, investigation, and disabling of critical, major, and minor alarms.
- Maintenance support for isolation and resolution of problems.

The following feature set licenses will be available:

- S6Z0000-12.0D1 – Base Image
- FL6ZSTD-12.0D1 – Feature License, Subtend Feature Set
- FL6ZQOS-12.0D1 – Feature License, ATM Quality of Service (QoS)
- FL6ZAPC-12.0D1 – Feature License, Access Protection
- FL6ZSIG-12.0D1 – Feature License, ATM Signaling Support

	<ul style="list-style-type: none"> • FL6ZPRE–12.0D1 – Feature License, all features <p>For more information, see the following pages:</p> <ul style="list-style-type: none"> • Cisco IOS Release 12.0(5)DA Product Bulletin • Cisco IOS Software Releases • Cisco IOS Software Release Dates and Milestones 						
Target Market	Cisco Systems, Inc. released Cisco IOS Software Release 12.0(5)DA with DSL support and service on Cisco's 6000 family of DSL Access Concentrators.						
Product Support	<p>Cisco IOS Software Release 12.0(5)DA is supported on the Cisco 6260 DSL Access Concentrator. It is also supported on the Cisco 6100 and 6130 DSL platforms, provided they are configured with an NI–2 system card. The NI–2 system card is the processing engine that runs the Cisco IOS Software Release 12.0(5)DA release.</p> <table border="1"> <thead> <tr> <th>Series</th> <th>Software Product Number</th> </tr> </thead> <tbody> <tr> <td>Cisco 6260</td> <td></td> </tr> <tr> <td>Cisco 6130</td> <td></td> </tr> </tbody> </table>	Series	Software Product Number	Cisco 6260		Cisco 6130	
Series	Software Product Number						
Cisco 6260							
Cisco 6130							
Related Cisco IOS Releases	The ED releases based on Cisco IOS Software Release 12.0 regularly synchronize with either the Cisco IOS 12.0 main line or Cisco IOS 12.0T to inherit bug fixes. For more information, see the Cisco IOS Software Release 12.0 page.						
Product/Feature Integration	<p>New features are added to the maintenance releases of Cisco IOS Software Release 12.0(5)DA. For more information, see the following pages:</p> <ul style="list-style-type: none"> • Cisco IOS Software Release 12.0(5)DA Product Bulletin • Cisco IOS Software Release 12.0 						
Maintenance Releases	There will be a maintenance version of this release every seven weeks. Maintenance releases are fully synchronized to either Cisco IOS Software Release 12.0 or Cisco IOS 12.0T as appropriate.						
Interim Builds	<p>Interim builds are not recommended and are not fully tested. Customers will only be provided with interim builds when a critical defect renders the maintenance release unusable.</p> <table border="1"> <tbody> <tr> <td>7–week maintenance cycle:</td> <td>Cisco IOS 12.0DA will provide a maintenance release every seven weeks.</td> </tr> <tr> <td>13–week maintenance cycle:</td> <td>Not applicable</td> </tr> </tbody> </table>	7–week maintenance cycle:	Cisco IOS 12.0DA will provide a maintenance release every seven weeks.	13–week maintenance cycle:	Not applicable		
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13–week maintenance cycle:	Not applicable						
Maintenance Release Synchronization Points	Cisco IOS Software Release 12.0DA regularly synchronizes with its parent release. For more information, see the Projected Release Dates for Cisco IOS Software Product Bulletin.						
Recommended Migration	<p>It is recommended to upgrade from Cisco IOS Software Release 11.3DA to 12.0DA. It is also recommended to upgrade from Cisco IOS 12.0DA to 12.1(x).</p> <p>The migration path is the logical superseding software. The uniqueness of each network requires that customers verify support for hardware, features, and protocols prior to a massive network upgrade. For more information, see the Projected Release Dates for Cisco IOS Software Product Bulletin.</p>						

Year 2000 (Y2K) Compliant	Cisco IOS Software Release 12.0DA is Y2K compliant.
General Deployment (GD) Plan	Cisco IOS Software Release 12.0(5)DA is not targeted for GD certification. For more information, see the Cisco IOS Software Release Dates and Milestones.
Life Cycle	Cisco IOS Software Release 12.0(5)DA will follow the standard Cisco life cycle.
Comments	For more information, see the following pages: <ul style="list-style-type: none"> • Cisco IOS Field Notices

Support Pages:

- Product Bulletins

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