



Release Notes for Cisco Aironet Access Points and Bridges for Cisco IOS Release 12.3(8)JEC3 and 12.4(10b)JDA3

June, 2009

These release notes announce Cisco's compliance with EN 301 893 versions 1.4.1 and 1.5.1 for customers deploying the following products in the European regulatory domain.

Cisco IOS Release 12.3(8)JEC3 supports the following 16-Mb Cisco autonomous access point:

- Cisco Aironet 1121AG (AIR-AP1121AG-E-K9)
- Cisco Aironet 1232AG (AIR-AP1232AG-E-K9)

Cisco IOS Release 12.4(10b)JDA3 supports the following 32-Mb Cisco autonomous access points and wireless devices:

- Cisco Aironet 1131AG (AIR-AP1131AG-E-K9)
- Cisco Aironet 1242AG (AIR-AP1242AG-E-K9)
- Cisco Aironet 1252AG (AIR-AP1252AG-E-K9)
- Cisco Integrated Services Routers (CISCO892W-AGN-E-K9)



Note

Cisco autonomous access points not deployed in the European regulatory domain are not affected by these releases.



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System Requirements

You should install Cisco IOS Release 12.3(8)JEC3 or 12.4(10b)JDA3 on all 1120, 1130, 1230, 1240, 1250 series access points operating in the European regulatory domain. If your access points operate in any other domain no action is necessary. You should continue to use Cisco IOS Release 12.3(8)JEC or 12.4(10b)JDA or earlier.

Use the software installation guide in [Table 1](#) to determine which version you should install.

Table 1 **Software Installation Guide**

If your Cisco Access Point SKU is	Install this Cisco IOS Release
Cisco Aironet 1232AG (AIR-AP1232AG-E-K9)	12.3(8)JEC3
Cisco Aironet 1121AG (AIR-AP1121AG-E-K9)	12.4(10b)JDA3
Cisco Aironet 1131AG (AIR-AP1131AG-E-K9)	
Cisco Aironet 1242AG (AIR-AP1242AG-E-K9)	
Cisco Aironet 1252AG (AIR-AP1252AG-E-K9)	
Cisco Integrated Services Routers (CISCO892W-AGN-E-K9)	12.4(10b)JDA3 (The router software image name is <i>ap801-k9w7-tar.</i>)

Finding the Cisco IOS Software Release

To find the version of Cisco IOS software running on your access point, use a Telnet session to log into the access point, and enter the **show version EXEC** command. This example shows command output from an access point running Cisco IOS Release 12.4(10b)JDA:

```
ap1240AG> show version
Cisco Internetwork Operating System Software
IOS (tm) C1240 Software (C1240-K9W7-M), Version 12.4(10B)JDA
Copyright (c) 1986-2008 by Cisco Systems, Inc.
```

On access points running Cisco IOS software, you can also find the software release on the System Software Version page in the access point's web-browser interface. If your access point does not run Cisco IOS software, the software release appears at the top left of most pages in the web-browser interface.

Upgrading to a New Software Release

For instructions on installing access point software for your access point:

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- Step 1** Follow this link to the Cisco home page:
<http://www.cisco.com>
 - Step 2** Click **Product & Services**. A drop-down menu appears.
 - Step 3** Click **Wireless**. The Wireless Introduction page appears.
 - Step 4** Scroll down to the Product Portfolio section.
 - Step 5** In the Access Point section, select the access point model for which you need the information. The Introduction page for the model you selected appears.
 - Step 6** Under the Support section, click **Configure**. A list of configuration documents appears.
 - Step 7** Click **Configuration Guides**. The Configuration Guides page appears.
 - Step 8** Click **Cisco IOS Software Configuration Guide for Cisco Aironet Access Points, 12.4(10b)JA and 12.3(8)JEC**.
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For information on Cisco IOS software, click this link to browse to the Cisco IOS Software Center on Cisco.com:

http://www.cisco.com/en/US/products/sw/iosswrel/products_ios_cisco_ios_software_category_home.html

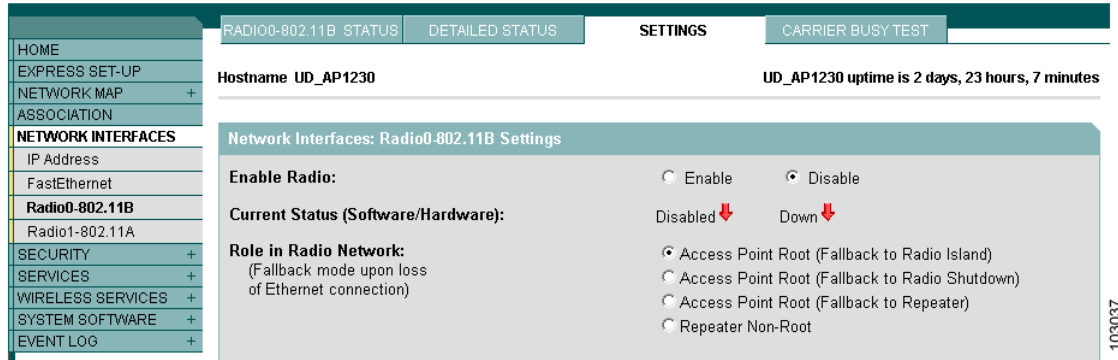
Disable Radios to Prevent Unexpected Reboot When Upgrading System Software

If your access point runs Cisco IOS Release 12.2(11)JA, 12.2(11)JA1, or 12.2(11)JA2, your access point might unexpectedly reboot after you upgrade to a later Cisco IOS release. Because of a rare timing condition that affects the radios, the access point sometimes reboots immediately after the upgrade when the radios are enabled. However, after the access point reboots the upgrade is complete and the access point operates normally. To prevent the access point from rebooting unexpectedly, disable the radio interfaces before upgrading software.

Follow these steps to disable the radio interfaces using the web-browser interface:

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- Step 1** Browse to the Network Interfaces: Radio Settings page. [Figure 1](#) shows the top portion of the Network Interfaces: Radio Settings page.

Figure 1 Network Interfaces: Radio Settings Page



- Step 2** Select **Disable** to disable the radio.
- Step 3** Click **Apply** at the bottom of the page.
- Step 4** If your access point has two radios, repeat these steps for the second radio.

Beginning in privileged EXEC mode, follow these steps to disable the access point radios using the CLI:

	Command	Purpose
Step 1	<code>configure terminal</code>	Enter global configuration mode.
Step 2	<code>interface dot11radio {0 1}</code>	Enter interface configuration mode for the radio interface. The 2.4-GHz radio is radio 0, and the 5-GHz radio is radio 1.
Step 3	<code>shutdown</code>	Disable the radio port.
Step 4	<code>end</code>	Return to privileged EXEC mode.
Step 5	<code>copy running-config startup-config</code>	(Optional) Save your entries in the configuration file.

If your access point has two radios, repeat these steps for the second radio. Use the **no** form of the **shutdown** command to enable the radio.

New Features

There are no new features in this release.

Important Notes

This section describes important information pertaining to Cisco IOS Release 12.3(8)JEC3 and 12.4(10b)JDA3. A complete list may be found on Cisco.com at the following URL:

http://cisco.com/en/US/products/ps5678/Products_Sub_Category_Home.html

802.11a Channels 120, 124, and 128 Disabled in European Regulatory Domain

802.11a channels 120, 124, and 128 are disabled to achieve compliance with draft EN 301 893 version 1.4.1 and 1.5.1 on the following European regulatory domain products:

- Cisco Aironet 1232AG (AIR-AP1232AG-E-K9)
- Cisco Aironet 1121AG (AIR-AP1121AG-E-K9)
- Cisco Aironet 1131AG (AIR-AP1131AG-E-K9)
- Cisco Aironet 1242AG (AIR-AP1242AG-E-K9)
- Cisco Aironet 1252AG (AIR-AP1252AG-E-K9)
- Cisco Integrated Services Routers (CISCO892W-AGN-E-K9)

Caveats

This section lists open and resolved caveats .

You can find a complete list of open and resolved caveats for access points and bridges in Cisco IOS Releases 12.3(8)JEC3 and 12.4(10b)JDA3 in the following release notes:

- *Release Notes for Cisco Aironet Access Points and Bridges for Cisco IOS Release 12.3(8)JEC2*
- *Release Notes for Cisco Aironet Access Points and Bridges for Cisco IOS Release 12.4(10b)JDA*

These documents can be found on cisco.com at the following URLs:

http://cisco.com/en/US/docs/wireless/access_point/ios/release/notes/12_3_8_JEC2rn.html

http://cisco.com/en/US/docs/wireless/access_point/ios/release/notes/12_4_10b_JDArn.html

If You Need More Information

If you need information about a specific caveat that does not appear in these release notes, you can use the Cisco Bug Toolkit to find select caveats of any severity. Click this URL to browse to the Bug Toolkit:

http://www.cisco.com/cgi-bin/Support/Bugtool/launch_bugtool.pl

You will need to register at Cisco.com to access the bug toolkit. If you are not registered, click **Register Now** on the Bug Toolkit page.

Troubleshooting

For the most up-to-date, detailed troubleshooting information, refer to the Cisco TAC website at <http://www.cisco.com/tac>. If you are a registered user, click **Registered users click here** to access the entire technical support site. If you are not a registered user, the public public portion of the technical support site displays. Choose a task or information and proceed.

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>

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