

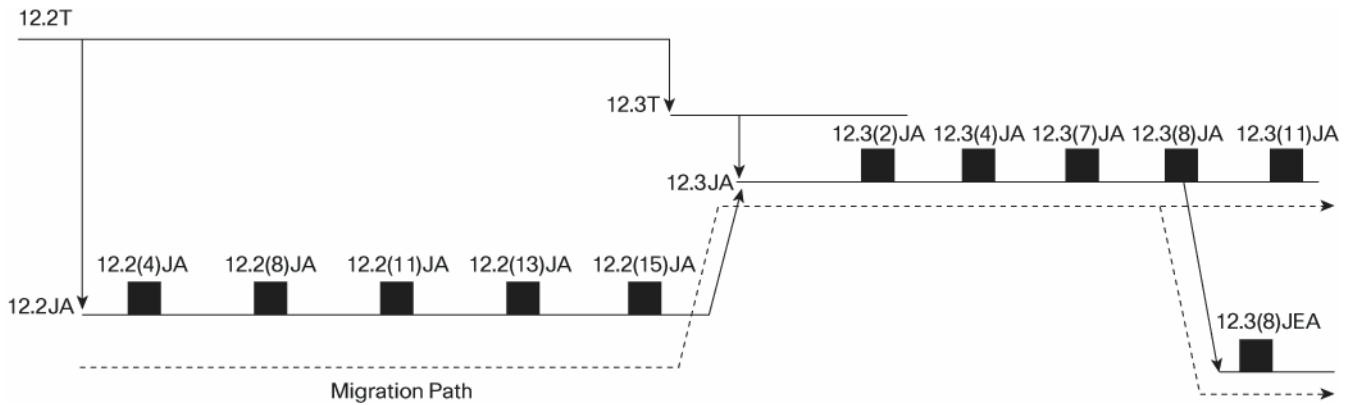


## Cisco IOS Software Release 12.3(11)JA

This product bulletin describes the content and delivery information for Cisco IOS® Software Release 12.3(11)JA supporting Cisco® Aironet® 1300 Series Outdoor Access Points and Bridges, and Cisco Aironet 1240AG and 1130AG Series Access Points. This release contains new features as well as enhancements for previous features.

This Cisco IOS Software Release 12.3(11)JA is available as a free software upgrade. Figure 1 displays the release train and recommended migration path for Cisco IOS Software Release 12.3(11)JA.

**Figure 1.** Release Train and Recommended Migration Path for Cisco IOS Software Release 12.3(11)JA



### NEW FEATURES IN CISCO IOS SOFTWARE RELEASES 12.3(11)JA

Table 1 lists new features in Cisco IOS Software Release 12.3(11)JA. These features are supported in the platforms noted.

**Table 1.** New Cisco IOS Software Features in Cisco IOS Software Release 12.3(11)JA

New Features	Cisco Aironet 1130AG Series Access Point	Cisco Aironet 1240AG Series Access Point	Cisco Aironet 1300 Series Access Point/Bridge	Cisco Aironet 1400 Series Wireless Bridge
Dynamic Frequency Selection) for Federal Communications Commission (FCC)	X*	X	—	—
Cisco Network Admission Control for Multiple Basic Service Set Identifier Mode	X	X	X	—

**Note:** Due to FCC regulations, existing Cisco Aironet 1130AG Access Points with the FCC Identification Number LDK102054 are not able to software-upgrade to support Dynamic Frequency Selection (DFS) for the FCC. Even if these access points are upgraded to Cisco IOS Software Release 12.3(11)JA, DFS for the FCC will not be enabled on the access point. New Cisco Aironet 1130AG Access Points that ship from the factory with Cisco IOS Software Release 12.3(11)JA and the FCC Identification Number LDK102054E will support Dynamic Frequency Selection (DFS) for the FCC.

**Note:** \*These features are supported in Cisco IOS Software Release 12.3(8)JEA

## CISCO IOS SOFTWARE RELEASE 12.3(11)JA FEATURE DESCRIPTION

### Dynamic Frequency Selection for Federal Communications Commission (FCC)

Cisco Aironet autonomous access points operating in the 5-GHz band must support Dynamic Frequency Selection (DFS), which detects and automatically adjusts channels to protect WLAN communications from interfering with military or weather radar systems. This feature enhances DFS support to include FCC regulations and expands the 5-GHz channels supported by Cisco autonomous access points to include 8 channels in the 5.47 to 5.725 GHz range.

For more details, see the FCC Regulations Update:

[http://www.cisco.com/en/US/products/hw/wireless/ps469/products\\_white\\_paper0900aecd801c4a88.shtml](http://www.cisco.com/en/US/products/hw/wireless/ps469/products_white_paper0900aecd801c4a88.shtml)

### Cisco Network Admission Control for Multiple Basic service Set Identifier Mode

This feature provides the ability for autonomous access points to support Cisco Network Admission Control (NAC) when operating in Multiple Basic Service Set Identifier (MBSSID) mode. More details on Cisco NAC can be found here: <http://www.cisco.com/go/nac>.

More details on MBSSID can be found in the Cisco IOS Software Release 12.3(4)JA product bulletin:

[http://www.cisco.com/en/US/products/ps5861/prod\\_bulletin0900aecd802700e6.html](http://www.cisco.com/en/US/products/ps5861/prod_bulletin0900aecd802700e6.html)

## RELEASE NOTES

For more information about the platforms and features delivered in Cisco IOS Software Release 12.3(11)JA, see the release notes:

[http://www.cisco.com/en/US/products/hw/wireless/tsd\\_products\\_support\\_category\\_home.html](http://www.cisco.com/en/US/products/hw/wireless/tsd_products_support_category_home.html)

## SUPPORT

Cisco IOS Software Release 12.3(11)JA follows the standard Cisco support policy. For more information, visit:

[http://www.cisco.com/en/US/products/hw/wireless/tsd\\_products\\_support\\_category\\_home.html](http://www.cisco.com/en/US/products/hw/wireless/tsd_products_support_category_home.html)

## PRODUCT FEATURES AND MODEL NUMBERS

Cisco IOS Software Release 12.3(11)JA feature sets, images, and memory recommendations are listed in Table 3. The products supported by this release are listed in Table 4.

**Table 2.** Cisco IOS Software Release 12.3(11)JA Feature Sets, Images, and Memory Recommendations

Platform	Software Feature Set	Product Code	Image	Flash	DRAM
Cisco Aironet 1130AG Series Access Points	Wireless LAN	S113W7K9-12311JA	c1130-k9w7-tar	16 MB	32 MB
Cisco Aironet 1240AG Series Access Points	Wireless LAN	S124W7K9-12311JA	c1240-k9w7-tar	16 MB	32 MB
Cisco Aironet 1300 Series Outdoor Access Points/Bridges	Wireless LAN	S131W7K9-12311JA	c1310-k9w7-tar	16 MB	32 MB
Cisco Aironet 1400 Series Wireless Bridges	Wireless LAN	S141W7K9-12311JA	c1410-k9w7-tar	8 MB	16 MB

**Table 3.** Products Supported by Cisco IOS Software Release 12.3(11)JA

Platform	Model Number
Cisco Aironet 1130AG Series Access Points	AP1131AG
Cisco Aironet 1240AG Series Access Points	AP1242AG
Cisco Aironet 1300 Series Outdoor Access Points/Bridges	BR1310G
Cisco Aironet 1400 Series Wireless Bridges	BR1410A

### DOWNLOAD INFORMATION

Cisco IOS Software Release 12.3(11)JA can be downloaded from the following locations:

<http://tools.cisco.com/support/downloads/pub/MDFTree.x?butype=wireless>

<http://www.cisco.com/public/sw-center/sw-ios.shtml>



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