



Product Bulletin No. 362640

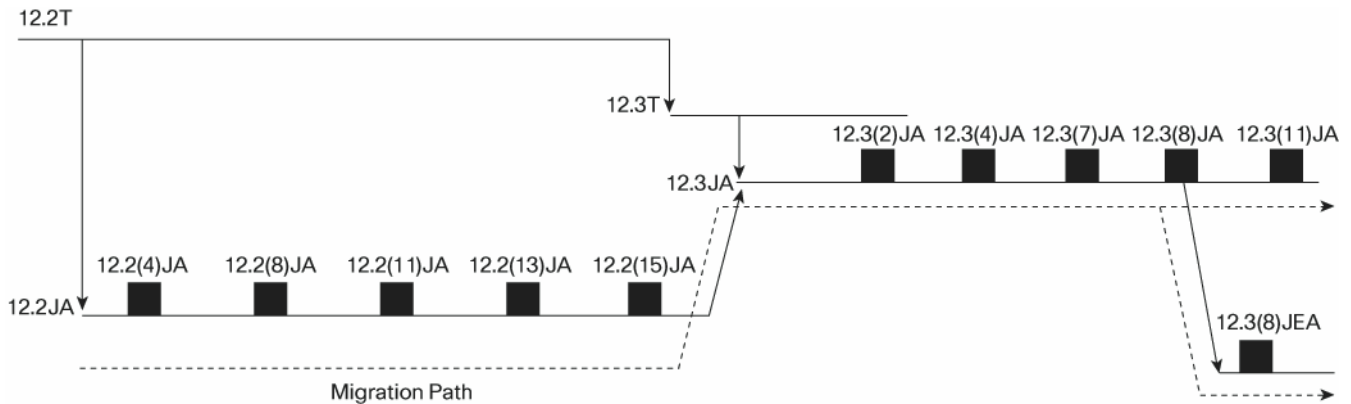
## Cisco IOS Software Release 12.3(8)JEA

This product bulletin describes the content and delivery information for Cisco IOS<sup>®</sup> Software Release 12.3(8)JEA supporting Cisco<sup>®</sup> Aironet<sup>®</sup> 1400 Series outdoor wireless bridges, Cisco Aironet 1300 Series Outdoor Access Points and Bridges, and Cisco Aironet 1240AG, 1230AG, 1200, 1130AG and 1100 Series Access Points. This release contains new features as well as enhancements for previous features.

This Cisco IOS Software Release 12.3(8)JEA is available as a free software upgrade. Figure 1 displays the release train and recommended migration path for Cisco IOS Software Release 12.3(8)JEA.

Only bug fixes are provided for Cisco Aironet 350 Series access points in this release.

**Figure 1.** Release Train and Recommended Migration Path for Cisco IOS Software Release 12.3(8)JEA



### NEW FEATURES IN CISCO IOS SOFTWARE RELEASES 12.3(8)JEA

Table 1 lists new features in Cisco IOS Software Release 12.3(8)JEA. These features are supported in the platforms noted.

**Table 1.** New Cisco IOS Software Features in Cisco IOS Software Release 12.3(8)JEA

| New Features   | Cisco Aironet 1100 Series Access Point | Cisco Aironet 1130AG Series Access Point | Cisco Aironet 1200 Series Access Point | Cisco Aironet 1230 Series Access Point | Cisco Aironet 1240AG Series Access Point | Cisco Aironet 1300 Series Access Point/Bridge | Cisco Aironet 1400 Series Wireless Bridge |
|--|--|--|--|--|--|---|---|
| Cisco Network Admission Control for Multiple Basic Service Set Identifier Mode | X                                      | X  | X                                      | X                                      | X  | X   | —   |
| Dynamic Frequency Selection) for Federal Communications Commission (FCC)       | —                                      | X*                                       | X                                      | X                                      | X  | —   | —   |

**Note:** Items marked with a single “X” were supported with [Cisco IOS Software Release 12.3\(7\)JA](#). Items marked with a “XX” are newly supported with Cisco IOS Software Release 12.3(8)JEA

**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(8)JEA or 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.

## **CISCO IOS SOFTWARE RELEASE 12.3(8)JEA FEATURE DESCRIPTION**

### **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**

See the release notes for more information about the platforms and features delivered in Cisco IOS Software Release 12.3(8)JEA [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(8)JEA 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(8)JEA feature sets, images, and memory recommendations are listed in Table 2. The products supported by this release are listed in Table 3.

**Table 2.** Cisco IOS Software Release 12.3(8)JEA Feature Sets, Images, and Memory Recommendations

| Platform  | Software Feature Set | Product Code      | Image          | Flash | DRAM  |
|---|----------------------|-------------------|----------------|-------|-------|
| Cisco Aironet 350 Series Access Points                  | Wireless LAN         | S141W7K9-12308JEA | c350-k9w7-tar  | 8 MB  | 16 MB |
| Cisco Aironet 1100 Series Access Points                 | Wireless LAN         | S11W7K9-12308JEA  | c1100-k9w7-tar | 8 MB  | 16 MB |
| Cisco Aironet 1130AG Series Access Points               | Wireless LAN         | S113W7K9-12308JEA | c1130-k9w7-tar | 16 MB | 32 MB |
| Cisco Aironet 1200 Series Access Points                 | Wireless LAN         | S12W7K9-12308JEA  | c1200-k9w7-tar | 8 MB  | 16 MB |
| Cisco Aironet 1230AG Series Access Points               | Wireless LAN         | S12W7K9-12308JEA  | c1200-k9w7-tar | 8 MB  | 16 MB |
| Cisco Aironet 1240AG Series Access Points               | Wireless LAN         | S124W7K9-12308JEA | c1240-k9w7-tar | 64 MB | 64 MB |
| Cisco Aironet 1300 Series Outdoor Access Points/Bridges | Wireless LAN         | S131W7K9-12308JEA | c1310-k9w7-tar | 16 MB | 32 MB |
| Cisco Aironet 1400 Series Wireless Bridges              | Wireless LAN         | S141W7K9-12308JEA | c1410-k9w7-tar | 8 MB  | 16 MB |

**Table 3.** Products Supported by Cisco IOS Software Release 12.3(8)JEA

| Platform  | Model Number                      |
|---|-----------------------------------|
| Cisco Aironet 350 Series Access Points                  | AP350                             |
| Cisco Aironet 1100 Series Access Points                 | AP1120B, AP1121G                  |
| Cisco Aironet 1130AG Series Access Points               | AP1131AG                          |
| Cisco Aironet 1200 Series Access Points                 | AP1210, AP1230A, AP1230B, AP1231G |
| Cisco Aironet 1230AG Series Access Points               | AP1232AG                          |
| 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(8)JEA 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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