Release Notes for Cisco 880WD Integrated Services Routers with Dual WiFi Radio

These release notes describe the features of the Cisco 881WD and Cisco 887VA-WD Integrated Services Routers (ISRs) with embedded WLAN antennas that support dual WiFi radio.

These release notes are updated as needed. To ensure that you have the latest version of these release notes, go to http://www.cisco.com/go/ciscocp. In the Support box, click the appropriate product and choose **General Information > Release Notes**.

Contents

System Requirements

The following sections describe the system requirements:

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Memory Requirements

Cisco 881WD and 887VA-WD have 512 MB onboard memory and 256 MB flash memory.

Hardware Supported

Platforms

The following Cisco 880WD Series platforms are supported:

- C881WD-A-K9
- C881WD-E-K9
- C887VA-WD-A-K9
- C887VA-WD-E-K9

WAN Port and Supported WLAN Radio

Table 1 shows the Cisco 880WD ISRs WAN port and supported WLAN radios.

Table 1   ***Cisco 880WD ISRs WAN Port and Supported WLAN Radios***

SKU Number	WAN Port	Supported WLAN Radios
C881WD-A-K9	FE	2.4 GHz and 5 GHz
C881WD-E-K9	FE	2.4 GHz and 5 GHz
C887VA-WD-A-K9	VDSL2/ADSL2+	2.4 GHz and 5 GHz
C887VA-WD-E-K9	VDSL2/ADSL2+	2.4 GHz and 5 GHz

Software Compatibility

For more information on images supported and minimum software version requirement, see the "Product Overview" section of *Cisco 880 Series Integrated Services Router Software Configuration Guide*.

Determining the Software Version

To determine the release of Cisco IOS software currently running on your Cisco router, log in to the router and enter the **show version** EXEC command. The following sample output from the show version command indicates the Cisco IOS release on the first output line:

```
C881WD-E-K9# show version
Cisco IOS Software, C800 Software (C800-UNIVERSALK9-M), Version 15.2(4)M1, RELEASE
SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2012 by Cisco Systems, Inc.
Compiled Fri 27-Jul-12 04:45 by prod_rel_team
```

Feature Set Tables

Use Cisco Feature Navigator to find information about platform support and software image support. Cisco Feature Navigator enables you to determine which software images support a specific software release, feature set, or platform. To access Cisco Feature Navigator, go to http://www.cisco.com/go/cfn.

New and Changed Information

This section contains the following subsections:

- New Features in Cisco IOS Release 15.2(4)M1, page 3
- Cisco 880WD Features, page 4

New Features in Cisco IOS Release 15.2(4)M1

Cisco 881WD and 887VA-WD are non-3G fixed-platform routers that support dual WiFi radio WLAN interfaces.

Cisco Aironet 802 Access Point (AP802) is an integrated access point on the Next Generation Cisco 880 Series ISRs. Cisco 881WD and 887VA-WD with Cisco IOS Release 15.2(4)M1 support AP802 dual radio access point. For more information on AP802, see *Release Notes for Cisco 802 Access Points for Cisco IOS Releases 12.4(25d)JAX and 12.4(25d)JAX1*.

Cisco 880WD Features

Cisco 881WD and 887VA-WD ISRs provide the following functionalities:

- 512 MB onboard memory
- 256 MB flash memory
- 4-port 10/100 Switch
- 2-port PoE (factory-configurable option)
- 10/100 FE WAN (Cisco 881WD only)
- 1-port console/aux
- 1-port external USB 2.0
- ADSL2+ Annex A (Cisco 887VA-WD only)
- Real-time clock
- Embedded WLAN antenna

Open Caveats - Cisco IOS Release 15.2(4)M1

Table 2 lists the open caveat for Cisco 880WD ISRs.

Table 2   *Open Caveats for the Cisco 880WD Series ISRs*

Defect ID	Summary	Additional Information
CSCuc03913	WLAN AP should not be reset by the host router even if VLAN interfaces are down	**Symptom** WLAN AP running on Next Generation Cisco 800 Series ISRs gets reset periodically. **Conditions** VLAN interface associated to "Wlan-gigabitethernet 0" interface was shut down. **Workaround** VLAN interface associated to "Wlan-gigabitethernet 0" interface should be in admin UP state.

Note For more information on AP802-related caveats, see *Release Notes for Cisco 802 Access Points for Cisco IOS Releases 12.4(25d)JAX and 12.4(25d)JAX1*.

Related Documentation

See the following related documentations:

Release-Specific Documents

For more information on Cisco IOS Release 15.2(4)M1, see the following documents:

- *Release Notes for Cisco EHWIC and 880G for 3G (EV-DO Rev A)*
- *Release Notes for EHWIC and 880G for 3.7G (HSPA+)/3.5G (HSPA)*

For more information on Cisco IOS Release 12.4(25d)JAX1 for AP802, see *Release Notes for Cisco 802 Access Points for Cisco IOS Releases 12.4(25d)JAX and 12.4(25d)JAX1*.

Platform-Specific Documents

To configure Cisco 880WD, see *Cisco 880 Series Integrated Services Router Software Configuration Guide*.

For more information on Cisco 880 Series ISRs, see the following documents:

- *Cisco 860 Series, Cisco 880 Series, and Cisco 890 Series Integrated Services Routers Hardware Installation Guide*
- *Configuring Cisco EHWIC and 880G for 3G (EVDO Rev A)*
- *Configuring Cisco EHWIC and 880G for 3.7G (HSPA+)/3.5G (HSPA)*

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, 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

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service. Cisco currently supports RSS Version 2.0.