

Release Notes for WRP400 Firmware Version 1.01.00

This document describes the updates that have been made since version 1.00.06 and provides instructions for downloading and installing the new firmware.

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Changes since WRP400 Firmware Version 1.00.06

Existing features have been upgraded, and bugs have been fixed.

- Upgraded the voice module to version 1.0.12(20090218a)
- Improved DHCP options
- Improved DTMF to reduce beeping during conversation
- Added provisioning support for configuring additional router data parameters by using an open (XML-style) format



NOTE For information about the new provisioning parameters, see [“New Provisioning Parameters,” on page 3](#).

- Resolved an issue with IGMP when immediate leave is enabled
- Resolved an issue with VoD
- Resolved a throughput issue when a static IP address is used
- Resolved an issue with **traceroute** and **ping**

- Resolved an issue where UPnP could not be disabled
- Resolved a display issue with the DHCP client table
- Resolved an issue with the firmware upgrade when an invalid firmware image is selected
- Resolved an issue where an XML profile value attribute is set to empty string does not take effect
- Resolved an issue with Phone 1/2 LED still lit when on-hook and the line is not registered
- Resolved that when the interpacket arrival time exceeds 100ms due to large network jitter, the reported jitter measurements (on Info web page, in RTCP packets, or in P-RTP-Stat headers in BYE messages) can be much smaller than expected (such as 1ms, 2ms, 7ms, or 9ms)
- Resolved several minor issues with IVR
- Resolved an issue where NTP setting does not work in voice tab



NOTE If you install version 2.00.05 and later want to downgrade to version 1.0, a two-step procedure will be required. You must first downgrade to version 1.01.00, which converts the existing WRP400 configuration. The configuration will then be reloaded after installing version 1.0 on the WRP400.

Upgrading the Firmware for the WRP400

STEP 1 To obtain current firmware for Cisco Small Business products, visit the following URL:

www.cisco.com/en/US/products/ps10028/index.html

STEP 2 Start Internet Explorer, and connect to the web-based utility for the router.



NOTE The default IP address is **192.168.15.1**. When prompted, enter the user name and password. The factory default user name and password are **admin**.

- STEP 3** During a firmware upgrade, the router may lose the settings that you have customized. To back up your configuration, complete the following steps:
- Click **Administration > Config Management**.
 - Click **Backup** to back up the configuration. Follow the on-screen instructions.

STEP 3 Click **Administration > Firmware Upgrade**.



NOTE The service provider may require a separate login before a firmware upgrade. If you see the *Username & Password* screen, enter the user name and password provided by your service provider. The factory default user name and password are `admin`. After you enter the user name and password, click **OK**.

STEP 4 Click **Browse**, and then select the extracted firmware upgrade file.

STEP 5 Click **Start to Upgrade**. Follow the on-screen instructions.

New Provisioning Parameters

The following section describes the new parameters that are now available for provisioning.



NOTE A sample XML profile can be generated by using the profile compiler tool (SPC). For instructions about provisioning, see the *SPA Provisioning Guide* (available to partners through Cisco Partner Central).

Feature/XML Tag	Parameters	Examples
Security Firewall <SECURITY_FW>	<p><SECURITY_FW>filter;block_wan;block_loopback;ident_pass;block_proxy;block_java;block_activex;block_cookie</SECURITY_FW></p> <p>filter: SPI Firewall Protection; enter on (protection enabled) or off (protection disabled)</p> <p>block_wan: Filter Anonymous Internet Requests; enter 1 (filter enabled) or 0 (filter disabled)</p> <p>block_loopback: Filter Internet NAT Redirection; enter 1 (filter enabled) or 0 (filter disabled)</p> <p>ident_pass: Filter IDENT(Port 113); enter 1 (filter disabled) or 0 (filter enabled)</p> <p>block_proxy: Block Proxy; enter 1 (blocking enabled) or 0 (blocking disabled)</p> <p>block_java: Block Java; enter 1 (blocking enabled) or 0 (blocking disabled)</p> <p>block_activex: Block Activex; enter 1 (blocking enabled) or 0 (blocking disabled)</p> <p>block_cookie: Block Cookie; enter 1 (blocking enabled) or 0 (blocking disabled)</p>	<p>To enable SPI Firewall Protection: <SECURITY_FW>filter=on</SECURITY_FW></p> <p>To enable SPI Firewall Protection and filter anonymous Internet requests: <SECURITY_FW>filter=on;block_wan=1</SECURITY_FW></p> <p>To enable SPI Firewall Protection and filter NAT redirection:<SECURITY_FW>filter=on;block_loopback=1</SECURITY_FW></p> <p>To disable all security firewall options: <SECURITY_FW>filter=off;block_wan=0;block_loopback=0;ident_pass=1;block_proxy=0;block_java=0;block_activex=0;block_cookie=0</SECURITY_FW></p>
<STB_OPTION>	<p>monitor_stb_vid: The video driver for the set-top box; enter the ID, which can include up to 31 ASCII characters</p>	<p><STB_OPTION>monitor_stb_vid=Motorola_</STB_OPTION></p>
<DHCP_SIADDR>	<p>dhcp_siaddr_type: DHCP next server IP; enter 0 to apply siaddr with dhcp_siaddr, or enter 1 to apply siaddr with LAN IP.</p> <p>dhcp_siaddr: DHCP next server IP; enter the IP address or "lan_ip".</p>	<p>To set the next server IP to 0.0.0.0 (as required by some IPTV set-top boxes): <DHCP_SIADDR>dhcp_siaddr_type=0, dhcp_siaddr=0.0.0.0</DHCP_SIADDR></p> <p>To disable DHCP next server IP: <DHCP_SIADDR>dhcp_siaddr_type=1</DHCP_SIADDR></p>

Related Information

Resource	Location
WRP400 User Guide and Quick Start Guide	www.cisco.com/en/US/products/ps10024/tsd_products_support_series_home.html
WRP400 Product Literature and Firmware Downloads	www.cisco.com/en/US/products/ps10028/index.html
Customer Support	www.cisco.com/en/US/support/tsd_cisco_small_business_support_center_contacts.html
Warranty and End User License Agreement	www.cisco.com/go/warranty
Open Source License Notices	www.cisco.com/go/osln
Cisco Partner Central site for Small Business	www.cisco.com/web/partners/sell/smb

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