

Release Notes for RVS4000 Firmware Version 2.0.2.7

June 2011

RVS4000 V2 is a hardware revision of the RVS4000 product. All of the features of RVS4000 are preserved in the V2 product. However, the firmware is not compatible. Firmware version 2.0.2.7 is the initial firmware that supports Japanese language for the web-based configuration utility.

These Release Notes describe the changes and known issues in the RVS4000 V2 firmware version 2.0.2.7.

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Changes

- Fixed an issue with the SSL certificate of the license server for the ProtectLink service.
- Fixed an issue in which the network mask of RIP messages showed up as a class-A subnet when a VLAN was configured to be a class-C subnet but with a class-A address, e.g. 10.0.2.1/24.

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- Fixed several web interface vulnerabilities, as disclosed in the following Cisco Security Advisory: http://www.cisco.com/en/US/products/products_security_advisory09186a0080b7f190.shtml
- Fixed DoS vulnerability issues with SSL and L2TP.
- Removed SKYPE from the P2P blocking list as the signature-based IPS engine of RVS4000 is not effective in blocking SKYPE 4 and 5.
- Fixed an issue in which URL filtering could be bypassed by using Google's search results.
- Fixed PPPoE settings to allow special characters in the username or password.
- Forced SSL certification generation to ensure that each router has a unique default certificate.

Known Issues

- QuickVPN Client running on Windows Vista may fail to transfer more than 100MB of a file to a remote RVS4000 over a QuickVPN tunnel before the tunnel disconnects.
- There is a known issue with Windows XP SP2 Firewall: ICMP packets are always dropped by the Firewall when the Firewall is enabled. The issue will prevent the QuickVPN Client from establishing a tunnel with the remote QuickVPN Server. Microsoft has released a patch to fix this issue. After you install the patch, the issue should be resolved. For more information, visit support.microsoft.com/kb/889527/en-us
NOTE: The issue can also be fixed by upgrading Windows XP to SP3.
- After you save the settings for port forwarding or port triggering rules, the router restarts the firewall module, which can temporarily lock up the router for 10-15 seconds.
- QoS Rate Control has no effect when IPS is disabled.
Work Around: Consider using QoS Priority instead.
- DHCP Relay is not supported when multiple VLANs are created.
- IPS cannot block eMule 0.48a, an open source Windows application.
- During a firmware upgrade, the router will finish loading the firmware and will reboot before the progress bar shows 100% completed. To be sure that

the router has finished rebooting, confirm that the Power LED shines steady green and the DIAG LED is unlit. At that point, the user can access the web-based configuration utility.

- Windows and Linux users on a non-native VLAN cannot browse the Internet.
Work Around: In the LAN settings for the router, select the VLAN and statically assign a DNS server (192.168.x.1).
- The routing table is not populating dynamic routes when RIPv1/v2 is enabled.
Work Around: Reboot the router.
- An attempt to add a static route on the WAN interface results in the following error message: "Network mask and route address conflict."
Work Around: Use dynamic routing.
- Email alerts stop working after the router reboots.
Work Around: After a reboot, edit the email notification settings to re-enter the password of the SMTP account.
- Clients on a non-native VLAN do not acquire stateful or stateless IPv6 addresses.
Work Around: Statically assign the end client with an IPv6 address and gateway.
- The Logout link does not work on Fire Fox.
Work Around: Close the Browser or use IE browser instead.
- The default 6to4 IPv6 prefix is incorrect.
Work Around: Modify the LAN settings to change the IPv6 address from the default 2002:c0a8:101::1 to 2002:WAN IP in hex::1 . For example, if the WAN IP is 173.37.194.116, then the IPv6 prefix needs to be 2002:ad25:c274::1.

Related Information

Support	
Cisco Small Business Support Community	www.cisco.com/go/smallbizsupport
Cisco Small Business Support and Resources	www.cisco.com/go/smallbizhelp

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Phone Support Contacts	www.cisco.com/en/US/support/tsd_cisco_small_business_support_center_contacts.html
Cisco Small Business Firmware Downloads	www.cisco.com/go/smallbizfirmware
Open Source Offer	ftp://ftp-eng.cisco.com/pub/opensource/smallbusiness/rvs4000/1.3.2.0/readme_OpenSource_Offer.rtf
Product Documentation	
Cisco Small Business Routers	www.cisco.com/go/smallbizrouters
Cisco Small Business	
Cisco Partner Central for Small Business (Partner Login Required)	www.cisco.com/web/partners/sell/smb
Cisco Small Business Home	www.cisco.com/smb

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