

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 | |
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| 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 |
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