Release Notes for Cisco RV 160x and RV260x Router Firmware Version up to 1.0.01.05

November 2021

This document describes resolved issues and known issues in Cisco RV 160x and RV260x Firmware Version 1.0.01.05. The configuration will be lost if you downgrade the firmware from this version to an earlier version. The configuration files from this version can not be imported to the previous release. We highly recommend to backup the router configuration before upgrading the firmware.

The most common configurations on the older releases are supported on the new version and can be kept after upgrading. However, we recommend that you reset your device to use the default settings when you upgrade to this version and reconfigure your device as there are many new features and changes on this version.

Note

- Cisco will no longer support new USB modems/dongles for RV260/260P/ 260W models, effective January 2021.

- Web filtering feature 1-year subscription is enforced in all prior 1.0.01.02 RV260 series releases. Please upgrade your device in order to renew the subscription.

New Features and Improvements

- Scheduled Reboot feature allows users to automatically restart the device or wireless radios at a configured time.

Contents

Resolved Issues from Release 1.0.01.05

Number	Description
CSCvz55531	Email fails with "the server sent an empty reply" entry in the log.
CSCvy93232	RV260: SNMP getBulkRequest against interface OIDs causes "genErr (5)" message.
CSCvy94326	RV260W DST (Daylight saving time) is not working after a reboot.
CSCvy97652	RV16/260: WAN PPPoE with VLAN tag is not getting the IP Address after reboot.
CSCvy83972	Email user name does not accept entries longer than 32 characters.

Resolved Issues from Release 1.0.01.04

Number	Description
CSCvw95016	Cisco Small Business RV Series Routers Link Layer Discovery Protocol vulnerabilities
CSCvy02177	New CDP memory leak vulnerability.
CSCvy02232	Cisco Small Business RV160 and RV260 Series Routers Remote Command Execution Vulnerability.

Resolved Issues from Release 1.0.01.03

Number	Description
CSCvx24759	RV160x/260x: IPSec tunnels don't work after upgrading to 1.0.01.02
CSCvw99580	RV160x/260x: Radius server retry count does not work as expected.
CSCvw83406	RV260x: Open VPN client fails to connect and gives "fragment directive" error message.
CSCvv83787	Multiple vulnerabilities in dnsmasq DNS Forwarder affecting Cisco Products: January 2021 (RV160x).
CSCvv83788	Multiple vulnerabilities in dnsmasq DNS Forwarder affecting Cisco Products: January 2021 (RV260x).
CSCvw62413	RV160x/260x: lldp Stack overflow vulnerability.
CSCvw62417	RV160x/260x: lldp Assertion failure vulnerability.
CSCvw92723	RV160x/260x: Upload authorization bypass vulnerability.

Resolved Issues from Release 1.0.01.02

Number	Description
CSCvu36716	RV260: LAG failover sometimes not happening.
CSCvv59839	RV160x/260x: CSR certificate details not displayed in GUI.
CSCvv79432	VLAN8 interface shown as "VDMZ" in the dropdown list when editing Access Rule.
CSCvo60234	TX counter is 0, and two tunnels are created when Shrewcroft dials in from Linux.
CSCvr26013	RV160/RV260: Dynamic DNS username does not accept ".", "%", or "#" characters.
CSCvw13908	Cisco SB RV160, RV160W, RV260, RV260P, and RV260W VPN Routers RCE Vulnerabilities.

Number	Description
CSCvw13917	Cisco SB RV160, RV160W, RV260, RV260P, and RV260W VPN Routers RCE Vulnerabilities.
CSCvw19718	Cisco SB RV160, RV160W, RV260, RV260P, and RV260W VPN Routers RCE Vulnerabilities.
CSCvw19849	Cisco SB RV160, RV160W, RV260, RV260P, and RV260W VPN Routers RCE Vulnerabilities.
CSCvw19856	Cisco SBRV160, RV160W, RV260, RV260P and RV260W Arbitrary File Write Vulnerabilities.
CSCvw19878	Cisco SB RV160 and RV260 Series Non-exploitable Unauthenticated Directory Traversal Issue.
CSCvw22856	Cisco SB RV160, RV160W, RV260, RV260P & RV260W Arbitrary File Write Vulnerabilities.
CSCvw27923	Cisco SB RV160, RV160W, RV260, RV260P, and RV260W VPN Routers RCE Vulnerabilities.
CSCvw27982	Cisco SB RV160, RV160W, RV260, RV260P, and RV260W VPN Routers RCE Vulnerabilities.
CSCvw50568	Cisco SB RV160, RV160W, RV260, RV260P, and RV260W VPN Routers RCE Vulnerabilities.

Resolved Issues from Release 1.0.01.01

Number	Description
CSCvr08796	Evaluation of pp for Kr00k attack - CVE-2019-15126.
CSCvr08789	Error creating Site-to-Site VPN when remote network is a supernet of local network.
CSCvr07923	Timezone incorrect when DST is enabled.
CSCvt39790	Evaluation of pp for pppd buffer overflow vulnerability.
CSCvt39791	Evaluation of pp for pppd buffer overflow vulnerability.
CSCvv34032	On WAN interface is not possible to configure a /31 subnet mask.

Number	Description
CSCvr08796	RV160x/260x: Traffic to router doesn't work if Site-to-Site VPN uses supernet of local network.
CSCvv34032	RV260W: On WAN interface it is not possible to configure a /31 subnet mask.

Resolved Issues from Release 1.0.00.17

Number	Description
CSCvt23810	Evaluation of pp for Kr00k attack - CVE-2019-15126.

Resolved Issues from Release 1.0.00.16

Number	Description
CSCvn50444	Errors with some countries in list for CSR.
CSCvn99887	WAN port goes down when configured "100 Full".
CSCvn96172	Can't connect to PPTP Server behind router.
CSCvp84524	Cisco Small Business RV160 / 260 Static credentials vulnerability.
CSCvp84558	Cisco RV160/260 Hardcoded password hashes.
CSCvp84480	Cisco RV160 / 260 Unwanted software embedded: GNU Debugger (gdb).
CSCvp84505	Cisco RV160/260 Unwanted software embedded: tcp dump.
CSCvq54631	[CFD] CSCvp73955 Evaluate Cisco RV34x for CVE-2015-7547 vulnerability.
CSCvq52858	Evaluation of pp for TCP MSS/SACK DoS vulnerabilities. (RV160x)
CSCvq52859	Evaluation of pp for TCP MSS/SACK DoS vulnerabilities. (RV260x)

Resolved Issues from Release 1.0.00.15

Number	Description
CSCvn27058	GUI displayed abnormal when the browser/OS is set to German, French, Italian, Spanish.
CSCvn27041	The device is booted with old version after upgrading by PnP.

Known Issues

Known Issues from Release 1.0.01.02

Number	Description
CSCvw99580	RADIUS retry count does not work. **Solution:** Always send two retry packets.

Known Issues from Release 1.0.00.15

Number	Description
CSCvg83154	Intermittent packet loss observed when WAN interface is linked as 10M bps. **Solution:** None.
CSCvh03499	Cisco IP phone C9XX connection to disabled PoE port will cause the DUT LAN port not to work. **Solution:** Connect the phone to the RV260P PoE port and power the router. Or configure the RV260P LAN port as 100M full instead of Auto Negotiation.
CSCvh49249	IKEv2 S2S tunnel will not work with ASA. **Solution:** Use IKEv1 instead.

Number	Description
CSCvi25236	LAN 100M mode IoT issue with WAP581. **Solution:** Set both RV router and WAP581 as auto-negotiation mode. Or place a switch in between.
CSCvj08450	IKEv2 multiple subnets working with ISR/ASR routers is not supported. **Solution:** Use IKEv1 if multiple subnet support is needed.
CSCvj10961	GRE interface name containing " _" characters will cause the tunnel to not function. **Solution:** Remove the " _" from the GRE name.
CSCvj43875	Captive Portal logo cannot show correctly when a file name includes a special character. **Solution:** Do not include a space character in the file name.
CSCvj53075	Policy NAT will not work well when the IP address group include multiple entries. **Solution:** Only the last one will work if the address group contains multiple entries.
CSCvj66506	Static dhcp entries are shown as dynamic in the dhcp binding table. **Solution:** None.
CSCvj76246	System time will sync with ntp server when configured manually if PnP is enabled. **Solution:** Disable the PnP feature if the manual time setting is required.

Known Issue from Release 1.0.00.13

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CSCvg83154	Intermittent packet loss observed when WAN interface is linked as 10M bps. **Solution:** None.
CSCvh03499	Cisco IP phone C9XX connection to disabled PoE port will cause the DUT LAN port not to work. **Solution:** Connect the phone to the RV260P PoE port and power the router. Or configure the RV260P LAN port as 100M full instead of Auto Negotiation.
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CSCvj66506	Static dhcp entries shown as dynamic in the dhcp binding table. **Solution:** None.

Number	Description
CSCvj76246	System time will sync with ntp server when configured manually if PnP is enabled. **Solution:** Disable the PnP feature if the manual time setting is required.

Firmware Auto Fallback Mechanism

The device includes two firmware images in the flash to provide an Auto Fallback Mechanism so that the device can automatically switch to the secondary firmware when the active firmware is corrupted or cannot boot up successfully.

The Auto Fallback Mechanism operates as follows**:**

STEP 1 The device first boots up with the active firmware.

STEP 2 If the active firmware is corrupted, it will switch to the secondary firmware automatically after the active firmware has failed to boot up after five trials. If the router gets stuck and does not reboot automatically to the secondary image, do the following:

- Power the router off.

- Power the router back on and wait for 30 seconds, then power it off.

- Repeat Step 2 for five times. The router will switch to the secondary or inactive firmware.

STEP 3 Re-download the firmware and check the flash or reset to factory default settings to see if any configuration settings are causing the issue.

Related Information

Support	
Cisco Support Community	www.cisco.com/go/smallbizsupport
Cisco Support and Resources	www.cisco.com/go/smallbizhelp
Cisco Firmware Downloads	www.cisco.com/go/software Select a link to download firmware for Cisco Small Business Products. No login is required.
Product Documentation	
Cisco RV Series Routers	www.cisco.com/go/smallbizrouters