Release Notes for Cisco RV132W Router up to Firmware Version 1.0.1.15

March 2021

This document describes known and resolved issues in the Cisco RV132W firmware version 1.0.1.15

- Resolved Issues
- Related Information

Whats New

- Security Enhancement

Resolved Issues

Caveats Resolved in Release Version 1.0.1.15

Number	Description
CSCvv93640	Left side of GUI menu of RV132W does not load when accessed over satellite link. **Solution:** Fixed
CSCvw65031	Cisco Router RV132W: stack-overflow vulnerability. **Solution:** Fixed
CSCvx54574	RV132W for CVE-2020-12695 UPnP CallStranger Vulnerability. **Solution:** Fixed

Number	Description
CSCvw62392	lldp stack-overflow vulnerability. **Solution:** Fixed
CSCvw62395	lldp Assertion Failure vulnerability. **Solution:** Fixed
CSCvw94339	lldpd used in router RV132W suffers from a memory leak vulnerability. **Solution:** Fixed

Caveats Resolved in Release Version 1.0.1.14

Number	Description
CSCvt37081	Apply BRCM patch for Kr00k attack - CVE-2019-15126 **Solution:** Fixed

Caveats Resolved in Release Version 1.0.1.13

Number	Description
CSCvq31950	Evaluation of Rv132W for TCP SACK vulnerabilities. **Solution:** Fixed

Caveats Resolved in Release Version 1.0.1.12

Number	Description
CSCvm22092	Failure when uploading the config file. **Solution:** Fixed
CSCvk00961	Radio turns off frequently after reboot. **Solution:** Fixed.

Caveats Resolved in Release 1.0.1.11

Number	Description
CSCvg92739	Unauthenticated Information Disclosure Vulnerability. **Solution:** Fixed
CSCvg92737	Remote Code Execution and Denial of Service Vulnerability. **Solution:** Fixed

Caveats Known in Release 1.0.1.8

Number	Description
CSCvg33658	Turning the wifi on and off too frequently will cause a high CPU on the device under test (DUT). **Solution:** Do not turn off the wifi immediately after you turn on the router. Once the high CPU issue happens, reboot the device or turn on the wifi and wait for several minutes for the device to recover.
CSCvg33661	One-to-One NAT renders traffic to the particular internal host over VPN tunnel unreachable. **Solution:** Use the:1 NAT public address to access the private host, or delete the 1:1 NAT rule to access the private host over VPN tunnel.

Resolved Issues

Caveats Resolved in Release 1.0.1.8

Number	Description
CSCvb31553	Port Forwarding stops working after a while. **Solution:** Fixed
CSCut71105	Can't edit VLAN attributes related to the TR069. **Solution:** Fixed
CSCux87746	The URL filter does not work properly when the outbound policy is denied. **Solution:** Fixed
CSCux87765	With the exchange mode set to aggressive, the DUT will reboot itself if the peer gateway has a mismatched ID. **Solution:** Fixed
CSCux87767	Internet access policy doesn't work if policy name contains special characters. **Solution:** Fixed
CSCux87770	Sometimes, the PC is not able to get an IP address and ping the DUT successfully after reboot. **Solution:** Fixed

Caveats Acknowledged in Release 1.0.0.17

Number	Description
CSCut71105	The VLAN-related attributes cannot be edited by the TR069. **Solution:** Use the GUI or CLI to edit the VLAN.

Number	Description
CSCux87746	The URL filter does not work properly when the outbound policy is denied. **Solution:** None
CSCux87765	When using Aggressive Mode, the DUT will reboot itself if the peer gateway has a mismatched ID. **Solution:** Check the IKE parameters and make sure that they are matched on both sides.
CSCux87767	The Internet policy does not work if the policy name contains special characters. **Solution:** Don't use special characters in the policy name.
CSCux87770	Sometimes the PC is unable to get an IP address after completing the reboot process. **Solution:** Simply reboot the device again, or setup a static IP address on the PC. Then, go to the GUI>LAN>LAN Configuration page to disable and then enable the DHCP server.

Firmware Recovery Steps

If the firmware corrupts during the upgrade or a power outage, the PWR LED light turns red. Please follow these steps to upload and recover the firmware.

STEP 1 Power off the router.

STEP 2 There are 2 ways to access the firmware recovery mode. You can select any of the following options to access the recovery mode.

- If the firmware is corrupt and the router is unable to boot normally, the router will automatically go into recovery mode after the device is powered on. The PWR LED will turn red. Usually, the original configuration will be restored after the new firmware is uploaded.
- To enter the recovery mode manually, connect the console cables (baud rate 115200) to the router. Power on the router and the boot up log will be displayed on the console terminal. Press any key to stop the normal startup. The PWR LED will turn red. Usually, the original configuration is restored after the new firmware is uploaded.
- To delete the original configurations on the router, press the reset button and power on the router.

STEP 3 Connect the PC to the LAN1 port. Configure the PC's static address as 192.168.1.100.

STEP 4 Recover the firmware to the router via web UI. For example, you can enter "http://192.168.1.1" in the browser, then choose the image like (for RV132W) "RV132W_FW_ANNEX_A_1.0.0.10.bin" and press Recover & Reboot. Wait for several minutes until the router reboots itself once the upload is completed and is flashing.

STEP 5 After the router starts up normally, the PWR LED will turn green.

Firmware Upgrade

To update the router with a newest version of the firmware, follow these steps from the router’s graphical user interface (GUI).

STEP 1 Select **Administration > Firmware Upgrade**.

STEP 2 In the **Download the latest firmware** section, click **Download** to download the latest firmware version from Cisco.com.

STEP 3 In the **Locate & select the upgrade file** section, click **Browse** to locate and upload the firmware upgrade file.

STEP 4 Check **Reset all configuration/setting to factory defaults** to reset all the configurations and apply factory default settings.

STEP 5 Click **Start Upgrade** to update the firmware on the device. The device will automatically reboot after the update is completed.

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