/ SOFTWARE RELEASE NOTES

Release 2.0.2.2

Relevant Model: SR804n   **March 2018**

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Introduction

This release note document provides detailed information about release 2.0.2.2 of the SR804n gateway.

Software MD5

- SR804N_v2.0.2.2_s.bin; MD5: 8fee0efae5976a98e6f1e6633762bb5a

Default settings

- SR804-25, Block Fragmented IP Packets Default OFF.
- SR804-26, Port Scan Detection Default OFF.
- SR804-26, IP Flood Detection Default OFF.
- SIP ALG set to OFF

Note: If upgrading from a previous release, factory restore may be required to obtain these new default settings.

Release 2.0.2.2

Fixes

- Fixed TR-069 abandonment issue.

Release 2.0.1.5

Features

- SR804-66 WAN access to port 8080 to mitigate potential security risk

Fixes

- SR804-40 No method of setting DHCP reservation.
- SR804-81 "Received" and "Transmitted" traffic should not pass on Guest1~Guest6 after watching online TV on Guest0.
- SR804-86 When checking the bonded frequency via console, the CM crashes. (Occasional)
- SR804-89 When changing the PC address from automatic to manual while connected with the CM, the CM crashes. (Occasional)
- SR804-80 WLAN LED should blink quickly after watching online TV on WLAN CPE.
- SR804-63 USB page is no longer highlighted.

TR181 Supported

- Device.X_SMARTRG_AcsControlPanelUrl
- Device.X_SMARTRG_AcsControlPanelRedirectEnable
- Device.X_SMARTRG_DownstreamChannels.{}.Channel
- Device.X_SMARTRG_DownstreamChannels.{}.LockStatus
- Device.X_SMARTRG_DownstreamChannels.{}.Modulation
- Device.X_SMARTRG_DownstreamChannels.{}.ChannelID

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- Device.X_SMARTRG_DownstreamChannels.{}.Frequency
- Device.X_SMARTRG_DownstreamChannels.{}.Power
- Device.X_SMARTRG_DownstreamChannels.{}.SNR
- Device.X_SMARTRG_DownstreamChannels.{}.Correctables
- Device.X_SMARTRG_DownstreamChannels.{}.Uncorrectables
- Device.X_SMARTRG_UpstreamChannels.{}.Channel
- Device.X_SMARTRG_UpstreamChannels.{}.LockStatus
- Device.X_SMARTRG_UpstreamChannels.{}.USChannelType
- Device.X_SMARTRG_UpstreamChannels.{}.ChannelID
- Device.X_SMARTRG_UpstreamChannels.{}.SymbolRate
- Device.X_SMARTRG_UpstreamChannels.{}.Frequency
- Device.X_SMARTRG_UpstreamChannels.{}.Power
- Device.X_SMARTRG_CM_IP_Address
- Device.X_SMARTRG_CM_Duration
- Device.X_SMARTRG_CM_Expires
- Device.WiFi.SSID.10001.Enable
- Device.UserInterface.RemoteAccess.Enable
- Device.UserInterface.RemoteAccess.Port

MIB Supported

- brcm-ssh-mgmt.mib
- brcm-telnet-mgmt.mib
- brcm-snmp-mgmt.mib
- brcm-smi.mib
- brcm-cabledata-smi.mib
- brcm-v2-mgmt.mib
- brcm-cabledata-mgmt.mib
- brcm-http-mgmt.mib
- brcm-ping-mgmt.mib
- brcm-ftp-mgmt.mib
- brcm-parentalcontrol-mgmt.mib
- brcm-cablehome-factory.mib
- brcm-cabledata-private.mib
- brcm-cabledata-engineering.mib
- brcm-cabledata-factory.mib
- brcm-cm-factory.mib
- brcm-v2-factory.mib
- brcm-cm-engineering.mib
- brcm-battery-engineering.mib
- brcm-battery-mgmt.mib
- brcm-80211-factory.mib
- brcm-wifi-factory.mib
- brcm-80211-mgmt.mib
- brcm-wifi-mgmt.mib
- brcm-usb-factory.mib
- brcm-bfc-mgmt.mib
- brcm-power-mgmt.mib
- brcm-thermal-mgmt.mib
- brcm-l2tpv3-mgmt.mib
- brcm-wifi-hotspot.mib
- brcm-rg-factory.mib

- brcm-l2ogre.mib
- brcm-rg-mgmt.mib
- brcm-cm-capability.mib
- brcm-cm-mgmt.mib
- brcm-iptv.mib
- brcm-cm-products.mib
- brcm-sw-dload.mib
- brcm-cm-mgmt-ext.mib
- brcm-host-sec.mib
- brcm-cablehome-mgmt.mib
- brcm-cm-emta-mgmt.mib
- brcm-emta-factory.mib

VSIF Supported

N/A

Known issues

- SR804-14 TR -069 - Cannot poll WiFi Strength
- SR804-15 TR - 069 - Cannot poll WiFi Standard.
- SR804-51 SR804n - WiFi Insight missing SmartRG branding (look and feel / colors)
- SR804-53 CPE reports a fault "Parameter Not Writeable"
- SR804-59 Implement Cisco PHP6.1.1_BFC5.7.1mp2 For All SmartRG DOCSIS Gateways

Release 2.0.1.4

Features

None

Fixes

- SR804-75 "Remove All" button removes System Default Port Forward for TR-069 (Port 30005); Was: Device stops responding to connection requests.
- SR804-76 System Start-up Time shouldn't be more than 55s.
- SR804-82 Default IPv4 TFTP Block size should be 1428 according to RFC2348.
- SR804-87 When configuring Parental Control as enabled, user can't open webpage with WAN IP on WAN side.
- SR804-88 When configuring Parental Control as enabled, the openacs platform can't connect with CM via 30005 port.
- SR804-90 The "Pass Though Mac Address" is lost after backing up a config file.
- WIFI disconnection issue.

Release 2.0.1.3

Features

- SR804-11 Subscriber WiFi SSIDs should be disabled when DUT is placed in Bridge Mode.
- SR804 -57 Statistics display in SR804n GUI should indicate the units of measure somewhere on this page

Fixes

- SR804-21 Must pass FW upgrade/Downgrade test to/from prior GA releases.
- SR804 -48 CPE Requires reboot for CWMP Settings to take effect.
- SR804 -52 CPE reports an empty string in the Protocol Parameter
- SR804 -53 CPE reports a fault "Parameter Not Writeable"
- SR804 -55 SR804n Disable SIP ALG by default in Firmware (Was: SIP ALG causes reboot)
- SR804 -56 Firewall TR-181 parameter returns incorrect value
- SR804 -58 Status page's Statistics display can incorrectly display negative values for received/transmitted bytes on a given WAN and or LAN interface

Release 2.0.1.2

Features

- Add USB function
- Add support for selected TR181 objects via RDMS

Fixes

- SR804-7 WiFi Passphrase cannot be imported
- SR804-16 RF Power MIB Reporting MUST meet DOCSIS Spec +/- 2dB.
- SR804-32 SR804N Wifi Channel Control – manual
- SR804-33 SR804N Wifi Channel Control - Auto
- SR804 -48 CPE Requires reboot for CWMP Settings to take effect.

Release 2.0.1.0

Features

1. WiFi hotspot(GRE Hotspot original from BFC5.7.1mp1).
2. Chip version upgrade from 5.7.1mp1beta2 to 5.7.1mp1.
3. SR804-5, TR-069 DOCSIS RF stats.
4. SR804-7, WiFi Passphrase cannot be imported.
5. SR804-8, GUI - Spectrum Analyzer - Add button Link to Spectrum Analyzer Page under Diagnostics Menu.
6. SR804-10, Broadcom WiFi-Insight Support.
7. SR804-15, TR - 069 - Cannot poll WiFi Standard.
8. SR804-40, SR804N No method of setting DHCP reservation.
9. SR804-30, TR-069 GUI Click-through.
10. Remove USB function.

Fixes

- SR804-6, Cannot set the WiFi security mode
- SR804-37, SR804N - Parental Control Password in clear text
- SR804-38, SR804N ADMIN Password limited to 8 characters but allows more to be entered

Release 1.0.0.5

Features

- Chip version upgrade from 5.7.1mp1beta2 to 5.7.1mp.

Fixes

None

Release 1.0.0.4

Features

None

Fixes

- Firmware upgrade issue.
- Firmware downgrade issue.
- When loading a configuration using the CPE GUI, the TR069 setting were not updated.
- The 804 stops informing after an undetermined number of hours. In this case after just over 8 hours of informing to the ACS, the CWMP client goes to sleep until rebooted.
- Disable ICMP Rate-Limiting Feature.
- Firmware Co-sign issue.

Release 1.0.0.3

Features

- Implement SmartRG new version Web GUI
- Support super/user permission for telnet
- Update SDK to 5.5.10mp3
- Develop factory test command

Fixes

- Open SSH, Telnet by default
- Fix NOR+NAND boot up issue
- Merge H/W downstream/Upstream power offset
- Merge Wi-Fi SROM into code
- Address DLNA not functioning in previous releases
- Fix memory leak issue

Release 1.0.0.2

Features

- Support TR69

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Fixes

- Fix some bugs on SmartRG old version Web GUI

Release 1.0.0.1

Features

- Implement SmartRG old version WEB UI.

Fixes

- Firmware upgrades issue.

Compatibility/System Notes

None

FW Upgrade Procedure

Contact your provider for assistance.

Tech Support

CPE Issues

Submit a ticket using our Customer Portal at https://smartrg.atlassian.net

RMAs

Open a Customer Portal ticket with description "RMA" and attach a spreadsheet which includes Model, MAC address, Issue, and Firmware version.

Firmware

Login to the Customer Portal to download firmware.

Additional Contact Info

Phone: +1 360 859 1780, Option 4 Hours: 5am –5pm PST (UTC-0800) Email: support@smartrg.com.

Document History

VERSION	DATE	AUTHOR	DESCRIPTION
1.0	12/30/14	Adam Fox	Document Creation
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1.2	6/30/16	Kurt Diekemper	Updated minimal info & review
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1.4	3/29/18	Kurt Diekemper	Updated info for 2.0.2.2