

## / SOFTWARE RELEASE NOTES

---

SmartOS

Version 1.2

June 2017

## SmartOS SW Revision Summary

Firmware	Description	Date
10.3.8.1	Interface redesign; enhanced features	6/30/17
10.2.1.1	Initial GA Release for SR400ac	6/30/16

## SR400ac Product description

- Gigabit Residential Gateway
- 1x Gigabit Ethernet WAN
- 4x Gigabit Ethernet LAN
- Dual-band concurrent WiFi (5GHz, 2.4GHz)
- 1x USB2
- 1x USB3

## SR400ac Features

- WAN Configuration Modes: DHCPv4, Static, PPPoE
- WAN VLAN Tagging Modes: Untagged, Tagged, Double Tagged (QinQ)
- TR-069 Management (TR-181 data model) with STUN
- HTTP Interface
- CLI Interface via SSH
- Smart Modem Manager (hairpin redirect to upstream WAN device)
- NAT/Firewall
- IGMP Snooping
- IGMP Proxy (v2/v3)

## Revision 10.3

### *New Features/Enhancements*

- WiFi
  - Guest Network
  - Access Point Scan
  - HT40 with OBSS
  - Auto-channel selection
  - Connected Client List
- Parental Controls
  - Content Filtering via OpenDNS Family Shield
  - Time Blocking (per-device and per-group via Access Schedule)
  - Manual pause of device and device-group
- Media
  - Network File Sharing
  - DLNA
  - Cloud Storage Integration (box.com)
- Management
  - Provision ACS URL via DHCP Option 43
  - SmartRG Home Analytics (SHA)
  - Display STUN client config
  - Dynamic DNS
  - DHCP Clients
  - MAC Cloning

- Performance
  - Real-time performance graphs
  - Dashboard
  - QoS options for gaming and Netflix
  - Per-Port Egress Rate Limiting
- IPTV
  - Support for IPTV modes: untagged/tagged/dqtagged WAN + untagged/tagged Video
  - Video Analyzer
  - IGMP Group Memberships
- Other
  - Static Hosts
  - UK WiFi Support
  - Custom WebUI via Custom Defaults and Themes (CDT)

## Changes in 10.3

- The LAN MAC is Base-MAC + 1  
 Ex: If Base-MAC = 3C:90:66:00:12:80, then LAN MAC is 3C:90:66:00:12:81.
- The default password for the “support” user is the last 3 octets of the base MAC, with separating colons, all caps.  
 Ex: If Base-MAC = 3C:90:66:00:1A:80, then “support” password = 00:1A:80.

## Fixes

REF ID	Description
OWRT-541	SR400ac incorrectly reporting up time
OWRT-567	Set default hostname to SR400+<last-4-digits-of-base-mac>
OWRT-587	SR400ac – remote http authentication inoperative after “support” account password updated with special ascii characters (via TR-069)

## Known Issues/Limitations

- IPv6 is disabled in this release

## *Release Image*

- Filename: SmartOS-sr400ac-v10.3.8.1.img
- md5sum: 9465f83c9b04ac66df794b3cf11a5334

## *Upgrade Notes*

Upgrading from 10.2.X releases:

- In the Web UI, navigate to **System** -> **Backup/Flash Firmware** to perform upgrade.

Upgrading from 10.3.X pre-releases:

- In the Web UI, navigate to **ADMIN** -> **Update** to perform upgrade.
- After uploading file, select **Reset All Configuration** and click **Upgrade**.

## *Verify*

1. After the device reboots (~5 minutes), press the F5 key to refresh your browser and reconnect to <http://192.168.1.1/>.
2. Log back into the device.
3. Verify the version information in the **Software Version** field.

## Technical Support

### *CPE Issues*

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

### *RMA's*

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](mailto:support@smartrg.com)

## Document History

Version	Date	Author	Description
1.0	12/30/14	Adam Fox	Document Creation
1.1	6/30/16	Adam Fox	Update for SmartOS 10.2.1.1
1.2	6/30/17	Adam Fox	Update for SmartOS 10.3.8.1