/ SOFTWARE RELEASE NOTES

SMARTOS 10.7.1.1

June 2019

SmartOS SW Revision Summary

Firmware	Description	Date
10.7.1.1	Various fixes and enhancements; see lists for details.	06/28/19
10.6.7.1	Various fixes and enhancements; see lists for details.	03/22/19
10.6.3.1	Various fixes and enhancements; see lists for details.	11/29/18
10.5.4.1	Various fixes and enhancements; see lists for details.	08/30/18
10.5.2.1	Various fixes and enhancements; see lists for details.	06/29/18
10.4.7.1	Various fixes and enhancements; see list for details.	03/05/18
10.3.8.1	WebUI redesign; enhanced features.	06/30/17
10.2.1.1	Initial GA Release for SR400ac.	06/30/16

SR400ac/SR90xxx/ SR652ac Product Description

- Gigabit Residential Gateway
- 1x Gigabit Ethernet WAN
- 1x SFP WAN (SR900ac only)
- 1x Two-pair Bonded xDSL (all A/VDSL2 profiles up to and including 35b) (SR652ac only)
- 4x Gigabit Ethernet LAN
- Dual-band concurrent WiFi (5GHz, 2.4GHz)
  - o SR400ac: 3x3 11n + 3x3 11ac
  - o SR900ac: 4x4 11n + 4x4 11ac
  - o SR652ac: 2x2 11n + 3x3 11ac
- 1x USB2
- 1x USB3

SR400ac/SR90xxx/SR652c 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)
- IPv6
- NetData statistical graphs
- VoIP: SIP (SR905acv and SR652ac only)

Revision 10.7.1.1

New Features in 10.7.1.1

The new features included in release 10.7.1.1 are listed below, grouped by module.

Services	• **Service Model: 5 isolated services** • **Auto-WAN** • **PPPoEv6** • **p-bit configurable for all services**
DSL	• Bonded VDSL2 (8a to 35b) • DSL bridge mode • ATM/PTM auto-detection
WiFi	• Scheduled background channel scans • Hitless channel hop after scan • Active Band Steering (Intel only) • MAC filtering (whitelist, blacklist) • Client Isolation • 6 configurable SSIDs • Video VAP
WebUI	• Connection Lost notification • 1-click network restart • 1-click PPP restart

	• Improved Spanish translations • Improved French translations • Firewall rules selectable from list • Layout improvements
Management/Security	• HTTPS for WebUI • TR-069 Interop for Arris/Pace/2Wire • Config file encryption configurable via CDT • Configurable TR069 Serial Number • 1400+ new TR181 data model objects • Ability to upload new custom-defaults via webUI (support user) • TR-069 Digest Authentication
POTS	• IMS POTS interop • Local signaling of class features • TR-104 • SIP geo redundancy • T38 Fax • Fax/Modem passthrough • Fax/Modem call-waiting block • Codecs G.729, G.726 • Codec prioritization • Configurable hook timers • Configurable SIP timers • Configurable SIP DTMF modes • Early media • Vertical Service Code escaping • SIP provisional message reliability • Mexico localization • User configurable local and/or remote call forwarding options; unconditional, busy, no-answer • SIP call hold + GUI config options • Local call park and retrieval + GUI config options • Solicited and unsolicited MWI and AMWI + GUI config options • Additional GUI status and diagnostics • Automatic firewall rules per voip config • Support for T.38 and SRV dynamic capture filters (for Cloudshark) • LED and DialTone improvements to follow SIP registration and hook states. • UK POTS • Spain POTS • Support for international R+digit multi-party call features • Per codec Silence Suppression • Configurable PRACK support
System/Other	• SR652ac HW support • SR652ac manufacturing features • Optimized boot time • Packet Capture (alpha) • CPU temperature history monitor
SE80 (IFI SAT mode only)	• Dual-band WiFi extender with Eth or WiFi backhaul • IFI 1.0 feature set plus IFI pairing via WiFi Quickstart or (Ethernet) Setup Cable • Automated recovery mode via SmartOS gateway if corrupted during upgrade • IPTV multicast (routed video only)

Limitations in 10.7.1.1

The following limitations apply to release 10.7.1.1:
- SR905x, SR652ac models do yet not support WiFi backhaul when operating as Intellifi Hub
- SE80ac must operate as Intellifi Satellite (Intellifi Hub and Standalone modes not yet supported)
- Bridged multicast IPTV is not supported across Intellifi Satellites (wired or WiFi)

Known Issues in 10.7.1.1

The following issues are known for release 10.7.1.1.

REF ID	DESCRIPTION
OWRT-4094/4115/ 4117	SR400ac reboot under heavy load with large number of Intellifi satellites. Device may reboot.
OWRT-3876	"rate not found" messages written to system log during WiFi restart.
OWRT-3997	WiFi driver can sometimes restart on SR905 and SR652ac during stress test. Driver performs Auto-recovery within 5 secs.
OWRT-4162	Packets can be bridged between LAN and Guest networks on SR400ac.
OWRT-4118	SR652ac 35b sync anomalies on certain medium range loops.
OWRT-4137	RSSI of SE80ac satellite is not reported on the Intellifi topology.
OWRT-4022	VoIP: In-band DTMF not operable on SR905acv and SR652ac.
OWRT-3836	Network Activity graph on dashboard may fail to load in Firefox browser.

Enhancements in 10.7.1.1

Ref	Description
OWRT-3986	Launch Quickstart on client association to Setup SSID
OWRT-3688	Set default guest WiFi password to '12345678'
OWRT-4023	Add UK CW tone
OWRT-3968	VoIP: add G729A/B and VAD
OWRT-3973	Add 3-way digital services and flash key sequences
OWRT-3964	Add new button test mode for manufacturing
OWRT-3863	Make p-bit configurable per service
OWRT-3598	Add webUI control to set POTS country code
OWRT-3817	Add autoscan support to BRCM WiFi
OWRT-4127	ETSI VMWI Alert signal
OWRT-4138	VoIP: Add configurable CED detection when in T.38 fax
OWRT-4139	VoIP webUI: T.38 CED tone switch
OWRT-4145	VoIP: Add ability to change SDP during call with re-invite

Fixes in 10.7.1.1

REF ID	DESCRIPTION
OWRT-3718	Backup config corrupted in 10.7.x

REF ID	DESCRIPTION
OWRT-3150	SR400ac misreports ethernet link speeds
OWRT-3145	Improve default WiFi rates
OWRT-4008	SR400ac WiFi config corrupted on upgrade from 10.4 to 10.7
OWRT-3993	Quickstart WAN status is misreported
OWRT-3990	High CPU usage on SR652ac with DSL WAN
OWRT-3730	VoIP - SIP subscriptions should attempt to follow related user peer if available for outbound dialogs
OWRT-3350	Port Forwarding entries are not pushed from ACS to device correctly
OWRT-3374	VoIP - No Dial tone (FIFO full)
OWRT-3578	Hubmaster memory leak
OWRT-3720	VoIP: 3wc mixer continues mixing after on-hook
OWRT-4033	VoIP - Suppress redundant SDP updates, INVITE messages for hold/un-hold dialogs
OWRT-4057	VoIP: Disabled VAD when stack transcodes
OWRT-4169	VoIP: After T.38 rejection, T.38 re-invites should stop
OWRT-4038	Javascript error when changing DHCPv6 mode to disabled and Router Advertisement to unmanaged

Release Image for 10.7.1.1

SR400ac:

- **Filename**: SmartOS-SR400ac-v10.7.1.1.img
- **md5sum**: ca073e0a69a5dfcf4830864282e26f2f

SR900ac/SR905ac:

- **Filename**: SmartOS-SR900ac-v10.7.1.1.img
- **md5sum**: 5e7a0ecb95b8a3948caff930ca97f0d0

Revision 10.6.7.1

New Features in 10.6.7.1

- Band Steering on the SR905 platforms
- Release of the SR905acv product

Enhancements in 10.6.7.1

Ref	Description
OWRT-3625	Support for Active Band Steering on the SR905 platforms
OWRT-3256	Add Dark Mode Theme Toggle for the GUI
OWRT-3078	Enhancement for VoIP Register to continue post 403

Ref	Description
OWRT-2755	Enhancement to Netdata Dashboard to support Language translation

Fixes in 10.6.7.1

REF ID	DESCRIPTION
OWRT-3520	Addressed Interop issue with some older devices that wouldn't handle WiFi PMF frames properly.
OWRT-3048	Addressed issue with the Internet LED staying enabled in Stealth mode after upgrade.

Release Image for 10.6.7.1

SR400ac:

- **Filename**: SmartOS-SR400ac-v10.6.7.1.img
- **md5sum**: c1a8c001c14a0cb6a289f05ebd505238

SR900ac/SR905ac:

- **Filename**: SmartOS-SR900ac-v10.6.7.1.img
- **md5sum**: f396b9ff4865c9aaec7155cce044ec07

Revision 10.6.3.1

New Features in 10.6.3.1

- HW support for SR905ac and SR905acv
- HW support for SR652ac
- Bonded VDSL (17a) on SR652ac
- Integration of UGW 7.4.1 (IPTV Improvements)
- Manufacturing Support for SR905ac, SR652ac
- WiFi support for AUS
- ADSL/ATM
- DSL Vectoring on SR900ac, SR905ac, SR652ac
- Advanced POTS features
- Huawei IMS POTS interop
- Improved Language Support (20 languages)
- Advanced Upstream QoS (Beta) on SR900ac, SR905ac, SR652ac

Enhancements in 10.6.3.1

Ref	Description
OWRT-1885	Added support for French GUI
OWRT-2477	Enhanced image validation for Firmware downloads via TR-069
OWRT-3196	Enhanced capability to view data Analytics when two WAN services are configured.
OWRT-3195	Implement bi-directional client command to set WiFi Radio Channel via Analytic platform
OWRT-2505	Enhanced capability of SFP WAN Optical Stats

Ref	Description
OWRT-2970	Enhanced capability of support for Hairpin NAT
OWRT-3196	Enhanced capability to view data Analytics when two WAN services are configured.
OWRT-2477	Enhanced image validation for Firmware downloads via TR-069
OWRT-2486	Enhancement by adding DSL Uptime Counter within UI
OWRT-3063	Enhancement by adding extension handling for dialing the local number
OWRT-2846	Enhancement by adding toggle for Stealth firewall mode
OWRT-3035	Enhancement by adding VoIP - TR104 - checks for empty UCI list for digit map
OWRT-2483	Enhancement by adding WPS support for the SR900ac
OWRT-2577	Enhancement for Intellifi by adding display of WiFi Guests on topology
OWRT-3220	Enhancement for VoIP SpeedDial8 adding capability to toggle on/off in GUI
OWRT-2304	Enhancement for VOIP by adding Asterisk Logging
OWRT-2600	Enhancement for VoIP by adding local call waiting support
OWRT-2599	Enhancement for VoIP by adding local conference call support (3way, attended CT, etc)
OWRT-2923	Enhancement for VoIP by adding Local support for anonymous call blocking
OWRT-2601	Enhancement for VoIP by adding local support for ATTENDED call transfer
OWRT-2783	Enhancement for VoIP by adding Local support for BLIND call transfer
OWRT-2865	Enhancement for VoIP by adding local support for 'call fowarding' busy, no-answer, all
OWRT-2844	Enhancement for VoIP by adding local support for 'Call Hold, Call Park'
OWRT-2831	Enhancement for VoIP by adding local support for 'Cancel Call Waiting' per call
OWRT-2904	Enhancement for VoIP by adding local support for 'do not disturb' feature
OWRT-2918	Enhancement for VoIP by adding Local support for speed dial extensions, speed dial entry input, etc..
OWRT-2866	Enhancement for VoIP by adding the Asterisk UCI module
OWRT-2739	Enhancement for VoIP by adding TR-104 support for Calling Features objects
OWRT-2901	Enhancement for VoIP by exposing Call Park options
OWRT-2899	Enhancement for VoIP by exposing Call Transfer and 3way options
OWRT-2903	Enhancement for VoIP by exposing Call waiting and CWCID config options
OWRT-2900	Enhancement for VoIP by exposing Cancel call waiting per call feature
OWRT-2897	Enhancement for VoIP by exposing DTMF options per line (in-band, INFO, 2833)
OWRT-2447	Enhancement for VOIP by exposing SIP auth username option to users
OWRT-2928	Enhancement for VoIP to expose GUI configuration for local call feature suite.
OWRT-2494	Enhancement of adding a knob to disable DHCP-assigned DNS server IPs.
OWRT-2745	Enhancement to Display Firmware Upgrade history in the GUI
OWRT-3110	Enhancement to Enable vectoring for all SmartOS DSL products.

Ref	Description
OWRT-3073	Enhancement to make DSL stats page columns dynamic based on number of lines
OWRT-2622	Enhancement to Pre-populate WiFi Quick-start fields when in reconfigure mode
OWRT-3080	Enhancement to Translate Dashboard gauge titles (Network Activity, WAN/WiFi Down/Upstream) when selecting another language.
OWRT-3003	Enhancement to VoIP - Feature status and value field become greyed out if/when disabled.
OWRT-3043	Enhancement to VoIP by adding from domain which was missing from Registration
OWRT-2902	Enhancement to VoIP by exposing block caller id per call
OWRT-2995	Enhancement to VoIP by making CW tone limit, no-limit, and interval configurable

Fixes in 10.6.3.1

REF ID	DESCRIPTION
OWRT-2108	Address issue with Access schedule and Device groups not working properly on the SR90x platforms
OWRT-3427	Address issue with Cloud storage displaying Network down after time server sync'd properly. This is only after Firmware migration.
OWRT-3095	Address issue with CWMP client sending wrong connectionRequestURL when WAN is configured as PPPoE
OWRT-2542	Address issue with DLNA not working after reboot on the SR90x.
OWRT-3314	Address issue with Interface duplex speed reporting wrong in some cases.
OWRT-2841	Address issue with not being able to disable video WAN once enabled.
OWRT-2891	Address issue with NTP config not saving properly
OWRT-2942	Address issue with OSI signal (forward disconnect) not being generated when the remote party goes on-hook.
OWRT-3142	Address issue with P-bit configuration option for Internet WAN.
OWRT-565	Address issue with pushing port forward entries from the ACS not updating the gateway properly.
OWRT-2329	Address issue with restrict Source not working in Modem Manager
OWRT-2961	Address issue with selecting different languages within the GUI.
OWRT-1364	Address issue with Static reservations not being pushed properly to the gateway from the ACS.
OWRT-3154	Address issue with the connected Clients drop-down doesn't display clients connected to the guest SSID.
OWRT-3019	Address issue with VoIP - Set default 'no answer timeout' when call fwd no ans is both enabled/disabled.
OWRT-3398	Address issue with VoIP Call Park Retrieval, park index on pickup could be incorrect
OWRT-2986	Address issue with VoIP Gain control not working
OWRT-3082	Address issue with VoIP ring signal adjustment

REF ID	DESCRIPTION
OWRT-2930	Address issue with VoIP using the incorrect default ring cadence
OWRT-2083	Address issue with WPS push button support for SR900ac
OWRT-2983	Addressed by the new coef file tracked under OWRT-3064.
OWRT-3168	Addressed GUI issue on the SR900ac VoIP RX/TX gain values should be negative.
OWRT-2953	Addressed issue in VoIP to Reset voice feature states to their defaults when local handling of the feature is toggled to off.
OWRT-3286	Addressed issue when which caused Intellifi to be re-enabled if AP mode was selected.
OWRT-3044	Addressed issue with certain VOIP phones may detect false ring signal when both lines are not enabled.
OWRT-3054	Addressed issue with LAN clients details not updating properly in the SR400ac
OWRT-3350	Addressed issue with port forwards not being pushed correctly from the ACS
OWRT-3343	Addressed issue with the LAN DHCPv6 Server enable/disable configurations not being saved properly.
OWRT-3007	Addressed issue with the SR400 & SR90x Ethernet MaxBitRate/CurrentBitRate reporting incorrect value from CWMP client
OWRT-3334	Addressed issue with the SR905ac WPS button not properly functioning.
OWRT-2861	Addressed issue with the WAN status reporting DOWN when changing WAN mode from untagged to tagged
OWRT-2952	Addressed issues to support Digest Authentication on the SR90x products.
OWRT-3140	Addressed issues with the DSL and Internet LED's not functioning properly on the SR90x products.
OWRT-3335	Addressed SR400ac Intellifi roaming issue were packets could be dropped.
OWRT-3052	Disabled 5GHz WiFi channels 120,124,128 for Australia.

Release Image for 10.6.3.1

SR400ac:

- Filename: SmartOS-SR400ac-v10.6.3.1.img
- md5sum: 0077b81c16748da00141bb6954bba76a

SR900ac/SR905ac:

- Filename: SmartOS-SR900ac-v10.6.3.1.img
- md5sum: 77aaabdf8f7fad57f7df13e53ab05e23

Revision 10.5.4.1

New Features/Enhancements in 10.5.4.1

- Not applicable; this revision is a hot-fix for 10.5.2.1.

Fixes in 10.5.4.1

REF ID	DESCRIPTION
OWRT-2477	Addressed problem affecting Upgrade via TR-069

Release Image for 10.5.4.1

SR400ac:

- Filename: SmartOS-SR400ac-v10.5.4.1.img
- md5sum: 8a1f2fe5020909f9fef6a9c5864e1998

SR900ac:

- Filename: SmartOS-SR900ac-v10.5.4.1.img
- md5sum: b7e8ac1361a5f21a1be58712caab7b3c

Revision 10.5.2.1

New Features/Enhancements in 10.5.2.1

- Intellifi Mesh WiFi
    - Zero-touch provisioning of satellites by hub
    - Config synchronization from hub to satellites
    - Auto-generate network topology map
    - Aggregation of network/wireless stats from satellites to hub
    - Firmware management of satellites by hub
    - Auto-discover topology of PL60/MC60
    - Automatic updates (upon request)
- SR900ac POTS v1.0
    - Metaswitch SIP interoperability
    - Advanced telephony feature configuration

o Call trace
o TR-104
o Interop may be needed
- VDSL2/ADSL2+ (Alpha-stage, software available upon request)

Fixes in 10.5.2.1

REF ID	DESCRIPTION
OWRT-2773	Prevent websocket timeout when webUI user is idle
OWRT-2827	Report current network status of LAN devices
OWRT-1483	WebUI glitches in Access Schedules page
OWRT-2419	WebUI crash following series of quick clicks
OWRT-2691	More accurate webUI progress bars for Reboot, Restore Factory, and Upgrade operations
OWRT-2614	Configuration of DHCP Static Associations in webUI
OWRT-2350	Incomplete 2.4GHz WiFi scan at boot
OWRT-2534	Unable to save Backup Config
OWRT-2030	Stun configuration migration when upgrading from SmartOS 10.3
OWRT-2009	Always disable stund when TR-069 is disabled
OWRT-2384	SR400ac multicast delivery issues with mix of wired and WiFi STBs
OWRT-2278	Correct lower-case MAC in manufacturing data on old hardware
OWRT-2321	Basic Setup page alignment issues
OWRT-2401	Correctly handle 32-character SSID
OWRT-1973	Port forward config not saved when changing port range to port
OWRT-2405	Incorrect uses count on dashboard due to inclusion of inactive LAN hosts
OWRT-2795	Fix edit button on Hosts page
OWRT-1625	ACS erroneously reports duplicate Port Mapping objects
OWRT-2842	Clear Log button not functional in webUI
OWRT-2264	Javascript error on Network->LAN->Devices page
OWRT-2438	Display glitches in WiFi Performance pages
OWRT-2477	Inadequate firmware Image validation for TR-069 upgrade
OWRT-2247	Inadequate firmware image validation for webUI
OWRT-2234	APPLY banner does not appear following enable of Network Protection
OWRT-1794	Duplicate error message following attempted configuration of invalid LAN address
OWRT-2446	Fixed race condition in webUI backend when committing large set of changes

Changes in 10.5.2.1

- WebUI updated look and feel
- WiFi SSID configuration moved from Radio interface page to Wireless Networks page
- Added HTTP proxy
- Added 5G Guest WiFi for SR900ac
- Added display of optic stats on SR900ac

Known Issues/Limitations in 10.5.2.1

- DSL does not yet support ATM encapsulation (DSL only turned on in custom CDT)

Release Image for 10.5.2.1

SR400ac:

- Filename: SmartOS-SR400ac-v10.5.2.1.img
- md5sum: f29e68d90f4341810b4c8d5f7c0433d5

SR900ac:

- Filename: SmartOS-SR900ac-v10.5.2.1.img
- md5sum: cf5eb350880b78294c938eb4888cc74b

Revision 10.4

New Features/Enhancements in 10.4

- WiFi
    - Support for Access Point mode
    - Monitor QBSS Load of adjacent Access Points
    - Advanced Airtime/Performance Monitoring
    - Advanced Airtime Client Performance
    - Support for USB LTE WAN
    - LTE Failover with per-host filtering

- Networking
    - IPv6: Dual Stack
    - Expanded Guest LAN Config options
    - DHCP Option 60 Vendor Class Identifier

- WebUI
    - Challenge Authentication
    - Internationalization: Support for Spanish, French, and German, switchable on the fly
    - Updated Dashboard and improved menu layout
    - Add/Delete webUI pages dynamically based on device state
    - Redesigned Firewall pages to protect users from common mistakes
    - Password recovery help to login page upon login fail
    - Optional auto-logout on inactivity
    - Notification if booted into MFG mode
    - Improved responsiveness for mobile clients
    - Support wired Ethernet hosts in dashboard and top talkers

- Management
    - New CWMP Client and rewritten TR181 DM
    - Expanded data model
    - Axiros and Incognito Interop
    - Add router aliases http://setup and http://router

SMART/RG®
forward thinking

- Manufacturing
  - o Enter MFG mode through button hold sequence

- Network Security
  - o Whole Home Ad and Malware Blocking

Fixes in 10.4

REF ID	DESCRIPTION
OWRT-601	Allowed cancellation of firmware image upload in webUI.
OWRT-1201	Improved validation of user input on SNMP config page.
OWRT-1565	Added Lost Password message/help on webUI login page after authentication failure.
OWRT-1603	Added display of STUN server configuration in webUI.
OWRT-1663	Added Challenge Response Authentication for webUI clients.
OWRT-1710	Prevented persistence of MAC in config when restored to another device.
OWRT-1724	Disallowed addition of duplicate firewall rules.
OWRT-1769	Prevented duplicate confirmation dialogs on webUI Router Access page.
OWRT-1817	Addressed connectivity issue following addition of firewall rules.
OWRT-1913	Addressed alignment of Upgrade button on webUI firmware updates page.
OWRT-1929	Improved image validation message and functionality on upgrade page.
OWRT-1935	Corrected Retry rate calculations to prevent greater than 100% results within GUI statistics.
OWRT-1939	Added max and min limits to VLAN and P-bit fields in Internet WAN and Video WAN pages.
OWRT-1942	Addressed issue on tagged WANs where WAN interface name was not updated consistently across UI.
OWRT-1947	Addressed issues with the Device and Station counters reporting inconsistently.
OWRT-1953	Updated to latest dnsmasq to patch vulnerability.
OWRT-1956	Addressed issue regarding SSID reporting that occurs when changing radio bands.
OWRT-1982	Added Forgot My Password link to Login page.
OWRT-1991	Expanded IPv6 addresses in tables throughout UI.
OWRT-2000	Set auto-logout to optional.
OWRT-2023	Added guest wireless DHCP server settings to UI.
OWRT-2050	Improved top talker functionality on Dashboard.
OWRT-2111	Reduced tiling in video when there is contention in the switch.
OWRT-2132	Reported friendly device name to SHA.
OWRT-2134	Allowed AP mode to be set in Wi-Fi.
OWRT-2153	Prevented Wi-Fi config corruption on power loss during boot.
OWRT-2161	Allowed setting AP mode in web UI QuickStart (to match feature in Wi-Fi QuickStart).

REF ID	DESCRIPTION
OWRT-2174	Enhanced LAN-LAN throughput performance by allowing user to disable Port Isolation.
OWRT-2194	Set Guest Wireless Enabled toggle to Off when the respective wireless radio is disabled.
OWRT-2211	Addressed issue with SHA not responding to the SR400ac with proper data.
OWRT-2225	Addressed metacharacter handling issue within the router which caused admin and support passwords to be defaulted.
OWRT-2228	Disallowed config of Video port when Port Isolation is disabled.
OWRT-2230	Addressed issue with errors when stopping or restarting processes.
OWRT-2260	Advertise supported WiFi security modes in TR181.
OWRT-2279	Addressed issue with migration from older FW which impacted ACS interop.
OWRT-2296	Changed SHA client to report device ID as base MAC, rather than serial number.

Known Issues in 10.4

None.

Release Image for 10.4

- Filename: SmartOS-SR400ac-v10.4.7.1.img
- md5sum: 2d15e681103dfd07f0bd5af4fbd881d8

Revision 10.3

New Features/Enhancements in 10.3

- 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 in 10.3

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	Addressed issue where remote http authentication was inoperative after "support" account password updated with special ascii characters (via TR-069)

Known Issues/Limitations in 10.3

- IPv6 is disabled in this release

Release Image for 10.3

- 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.

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

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Document History

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1.3	3/5/18	Adam Fox Kurt Diekemper	Update for SmartOS 10.4.
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