

# Release Notes for SRP520 Series Services Ready Platforms Software Version 1.01.19 (Maintenance Release 3)

These Release Notes describe the open and resolved issues with the SRP520 Series Services Ready Platforms (SRP521W, SRP526W, SRP527W) software version 1.01.19 Maintenance Release 3 (MR3).

## Contents

This document includes the following topics:

- [New Features](#)
- [Open Issues](#)
- [Resolved Issues](#)
- [Related Information](#)

## New Features

The following features were added to software version 1.01.19 MR3:

- TR-069 and XML improvements and enhancements.
- LAN/WAN role VLAN bridging options.
- IPSec NAT Traversal (NAT-T) for near-end NAT.

## Release Notes

---

- Support for 802.1p/q WAN interface.
- Support for DHCP Option 159 and Option 160 that allows the passing of a BroadSoft configuration server URL.
- New QoS policy for the destination IP address.
- Mobile Broadband syslog events for troubleshooting.
- Support for the following Mobile Broadband USB modems:

Huawei E176, E180, E182E, K3565 (HSPA), Huawei EC168, EC1260, EC1261 (EVDO Rev A), Sierra Wireless USB 308, USB 312U (HSPA), and ZTE MF626 (HSPA).

For a complete list of supported modems, see the Mobile Broadband USB Modem Compatibility Matrix at: [www.cisco.com/go/srp500](http://www.cisco.com/go/srp500).

## Open Issues

The following table lists the open issues in software version 1.01.19 MR3:

| Ref Number | Description  |
|------------|--|
| CSCta94776 | SIP ALG disable does not take affect after disabling it on the <b>Network Setup&gt; NAT&gt; ALG Control</b> page.<br><b>Workaround</b> Reboot the SRP after disabling the feature. |
| CSCtb65294 | When the firewall is enabled, DoS SYN Flood protection fails.<br><b>Workaround</b> None.   |
| CSCtd75234 | Jabber client file transfers from LAN to WAN are blocked.<br><b>Workaround</b> None.   |
| CSCth08413 | Failover may trigger falsely if WAN bandwidth utilization is high.<br><b>Workaround</b> Disable failover and recovery if 3G backup is not used.                                    |
| CSCth08419 | IGMP Proxy service does not work in WAN PPPoE mode.<br><b>Workaround</b> None.   |

| Ref Number | Description   |
|------------|---|
| CSCti44955 | <p>FXS interface cannot send packets directly to LAN side IP phone, resulting in 1-way audio from the IP phone to the FXS interface.</p> <p><b>Workaround</b> Enable SIP ALG on the SRP. On the LAN site IP phone, set <b>&lt;NAT Mapping Enable&gt; = no</b> on its Ext tab.</p>                           |
| CSCtj37034 | <p>After changing the remote IP address for the IPSec policy from the <b>VPN &gt; IPSec Policy</b> page, the SRP does not reconnect to the VPN tunnel.</p> <p><b>Workaround</b> Disable and then re-enable the VPN tunnel.</p>  |
| CSCtl20412 | <p>Although no parameter is changed, the SRP will reboot with reason S115 after provisioning. (Only occurs when running software version 1.01.19_004).</p> <p><b>Workaround</b> None.</p>   |
| CSCtl21299 | <p>Cannot hold or resume a call placed between the SRP and the remote unit.</p> <p><b>Workaround</b> Disable SIP ALG.</p>   |
| CSCtl22141 | <p>Power cycling the SRP when the image is writing to flash causes the SRP to take a long to recover. (Only occurs on an SRP526W and SRP527W configured with an ADSL connection)</p> <p><b>Workaround</b> None.</p>   |
| CSCtl50573 | <p>No audio is heard on call placed between the ATA's FXS1 and FXS2 interfaces.</p> <p>This problem occurs when the ATA is added to the SRP's LAN site, and SIP ALG is enabled on the SRP.</p> <p><b>Workaround</b> Disable SIG ALG and use a port forwarding rule for the ATA's NAT traversal instead.</p> |

## Release Notes

---

| Ref Number | Description  |
|------------|--|
| CSCt154531 | <p>Call placed between an IP or ATA phone and the SRP, results in 1-way audio after hold and resume operations.</p> <p>This problem occurs when SIP ALG is enabled on the SRP that acts as a NAT server, and whose LAN site IP phone or ATA is registered to BroadSoft.</p> <p><b>Workaround</b> Disable SIP ALG and use a port forwarding rule for NAT traversal instead.</p> |
| CSCt155029 | <p>Call placed between an ATA phone (configured with remote ringback) and the SRP results in 1-way audio.</p> <p>This problem occurs when SIP ALG is enabled on the SRP, and no port forwarding rules are configured.</p> <p><b>Workaround</b> Disable SIP ALG and use a port forwarding rule for NAT traversal instead.</p>   |
| CSCt156255 | <p>No overlapping subnet check for VLAN static IP address.</p> <p><b>Workaround</b> Avoid configuring overlapping IP subnets across VLAN interfaces.</p>   |
| CSCt156068 | <p>NAT is not applied to traffic from local subnets not directly connected to the SRP (that is, via an internal router).</p> <p><b>Workaround</b> None</p>   |
| CSCt167468 | <p>Cannot login to IVR system if the FXS 2 interface is not registered to the proxy.</p> <p><b>Workaround</b> None.</p>  |
| CSCt178702 | <p>T.38 fax failure between 2 LAN side ATA's.</p> <p>This problem occurs when SIP ALG is enabled on an SRP that acts as a NAT server, and whose LAN side IP or ATA phone is registered to BroadSoft.</p> <p><b>Workaround</b> Disable SIP ALG and use a port forwarding rule for NAT traversal instead.</p>  |

## Resolved Issues

The following issues were resolved in software version 1.01.19 MR3.

| Ref Number | Description   |
|------------|---|
| CSCte01131 | With Error Correction Mode (EMC) activated, a fax machine in FXS might only receive half of a fax sent.     |
| CSCtg92422 | After a default route switch, IPoA sometimes fails.   |
| CSCth09741 | Cannot re-add VLAN 100 after it is deleted from the <b>Interface Setup &gt; LAN &gt; VLAN Setting</b> page. |
| CSCth62650 | Orange branded ZTE MF636 USB modem not recognized by the SRP.   |
| CSCti25268 | If a DSL cable is removed and then reconnected, the SRP527W fails to reconnect without a reboot.            |
| CSCti59696 | Option iCON 322 USB device not connecting to Proximus mobile network.                                       |
| CSCti60430 | Memory leak in spr_voip causes the SRP to crash.  |
| CSCti70200 | SRP fails to train in Annex M mode.   |
| CSCti89209 | Upstream audio corruption occurs on the SRP voice port.   |
| CSCtj03655 | Configuration Utility rejects TR-069 ACS URL with five-part hostname.                                       |
| CSCtj62453 | SIP ALG causes 1-way voice between two local IP Phones.   |
| CSCtk00009 | SRP does not reconnect after a PPPoA authentication failure.  |
| CSCtl01382 | Incorrect starting address chosen for DHCP Pool.  |

## Related Information

| Support   |  |
|---|--|
| Cisco Small Business Support Community                            | <a href="http://www.cisco.com/go/smallbizsupport">www.cisco.com/go/smallbizsupport</a>   |
| Online Technical Support and Documentation (Login Required)       | <a href="http://www.cisco.com/support">www.cisco.com/support</a>   |
| Cisco Small Business Support and Resources                        | <a href="http://www.cisco.com/go/smallbizhelp">www.cisco.com/go/smallbizhelp</a>   |
| Phone Support Contacts  | <a href="http://www.cisco.com/go/sbsc">www.cisco.com/go/sbsc</a>   |
| Software  |  |
| Software Downloads (Login Required)                               | <a href="http://www.cisco.com/go/srp500">www.cisco.com/go/srp500</a><br>Click the Download Software link.  |
| Open Source Documentation   | <a href="http://www.cisco.com/en/US/products/ps10500/prod_release_notes_list.html">www.cisco.com/en/US/products/ps10500/prod_release_notes_list.html</a> |
| Product Documentation   |  |
| Cisco Services Ready Platform 500 Series for Small Business       | <a href="http://www.cisco.com/go/srp500">www.cisco.com/go/srp500</a>   |
| Cisco Small Business  |  |
| Cisco Partner Central for Small Business (Partner Login Required) | <a href="http://www.cisco.com/web/partners/sell/smb">www.cisco.com/web/partners/sell/smb</a>   |
| Cisco Small Business Home   | <a href="http://www.cisco.com/smb">www.cisco.com/smb</a>   |
| Marketplace   | <a href="http://www.cisco.com/go/marketplace">www.cisco.com/go/marketplace</a>   |

Cisco, Cisco Systems, the Cisco logo, and the Cisco Systems logo are registered trademarks or trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries. All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0705R)

© 2011 Cisco Systems, Inc. All rights reserved.

OL-24451-01