



# Release Notes for SRP520-U and SRP540 Series Services Ready Platforms Software Version 1.2.6.

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**Version: 1.2.6**

**Part Number: 78-21239-01**

## Contents

These Release Notes describe the open and resolved issues with the **SRP520-U and SRP540 Series Services Ready Platforms** software version **1.2.6**, and includes the changes since version **1.2.5**.



**Note**

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This software release does not apply to original SRP520 products running software version 1.1.x.

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This document includes the following topics:

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## New Features

The following new features and enhancements were added to software version 1.2.6.

- Added GUI selection options (PAP, CHAP, or Auto) for ADSL PPPoE authentication.
- Added support for the following USB modems:
  - ZTE AC2747 and AC2787 (EVDO Rev. A)

For the complete list of modems that are compatible with the SRP, see the Mobile Broadband USB Modem Compatibility Matrix at: [www.cisco.com/go/srp500resources](http://www.cisco.com/go/srp500resources).



## Limitations and Restrictions


These are the limitations and restrictions for the SRP. These are known limitations that may not be fixed or have a workaround.

- SIP Application Layer Gateway (ALG) only supports UDP signaling.
- The FXS interface sometimes cannot send packets directly to the LAN side of the IP phone, resulting in one-way audio heard from the IP phone to the FXS interface. The workaround is to ensure that the RTP port ranges used by the FXS ports do not overlap with those used by LAN side SIP clients. (CSCti44955)
- When load balancing is enabled, the SRP cannot ping to a GRE tunnel or traceroute from the Diagnostics > Ping Test page in 3G mode. There is no workaround. (CSCtj78120)
- When logging system messages to USB memory, make sure that the storage device is formatted to use the FAT32 file system. If a different format is used, the device may not be detected by the SRP. (CSCtj02589)
- When <Echo canceller enable> is disabled, the SRP fails to send a G711u passthrough fax to a Cisco Gateway with v.17 modulation. The workaround is to enable <Echo canceller enable> from the Voice > Line > Auto Configuration page. (CSCts01669)
- RIP values are not saved after modifying an interface from the RIP Config edit page. Workaround: When enabling RIP, first enable the feature and then click Submit before changing the interface or network settings. (CSCtr63526)
- Missing PPPoE subinterface settings after importing the XML configuration file. The workaround is to reload the configuration file again. (CSCtw93641)
- Traffic from the voice VLAN does not follow the default voice route, which is used to bind FXS ports to a WAN interface. Configure a policy route to direct voice VLAN traffic to use the most appropriate WAN interface. (CSCtz70465)
- The Settings on the Welcome page cannot be set or restored via XML. There is no workaround. (CSCtu43683)
- The mobile network tunnel protocol value will be reset to None if the XML encryption and decryption keys are mismatched between the system and XML file. (CSCtr41201)


## Open Issues

The following table lists the open issues in software version 1.2.6:



**Table 1**      **Open Issues in Version 1.2.6**

Ref Number	Description
CSCth67844	<p>The SRP cannot register to the proxy after bootup.</p> <p>This problem occurs if the SRP is using a proxy host name and SIP Transport is set to TCP or TLS on the <i>Voice &gt; Line &gt; SIP Settings</i> page.</p> <p><b>Workaround</b> Either use UDP transport, or configure the proxy IP address rather than the hostname.</p>
CSCth79385	<p>When receiving an incoming PSTN call to all lines, only Line 1 displays the correct caller ID.</p> <p><b>Workaround</b> None</p>
CSCth95057	<p>PSTN Hook State on the <i>Voice &gt; Info</i> page is not synchronous with the FXO port's actual state.</p> <p><b>Workaround</b> None.</p>
CSCtj00512	<p>The SRP only responds with the last negotiated codec in the 200 OK message after the Broadworks application server sends an INVITE without SDP.</p> <p>This occurs when a user places a call from Broadworks User A to the SRP and attempts a blind transfer to Broadworks User B through the Broadworks Call Manager client.</p> <p><b>Workaround</b> None.</p>
CSCtj13910	<p>No audio occurs on devices making 3-way calls mixed on a BroadSoft conference bridge.</p> <p><b>Workaround</b> None.</p>
CSCtk76420	<p>When a PSTN call is established though the FXO port, the Line port light on the SRP is always off.</p> <p><b>Workaround</b> None.</p>
CSCtl22363	<p>After a reboot or a power cycle, the register message sent to the proxy is incorrect causing a register failure.</p> <p>The IP address in the VIA, CONTACT and CALL-ID header in the register message is 0.0.0.0, which does not match the SRP's IP address.</p> <p> <b>Note</b> Only SRP's with an Ethernet connection type and PPPoE have this issue.</p> <p><b>Workaround</b> Increase the registration retry long interval timer &lt;Reg Retry Long Intvl&gt; to 30 seconds from the <i>Voice &gt; SIP</i> page.</p>

**Table 1** Open Issues in Version 1.2.6

Ref Number	Description
CSCtl22370	<p>After a reboot or a power cycle, the SRP cannot receive SIP messages resulting in a register failure.</p> <p>The FXS port sends a register message to the proxy who responds with “200 OK” but does not transfer this response back to the FXS port.</p>  <p><b>Note</b> Only SRP’s with an Ethernet connection type and PPPoE have this issue.</p> <hr/> <p><b>Workaround</b> None.</p>
CSCtn91639	<p>If the network disconnects and a PSTN call is placed, the call breaks when the network is recovered and the SIP lines re-register to the proxy.</p> <p><b>Workaround</b> None.</p>
CSCtq34613	<p>Access to the XML configuration is allowed with user credentials.</p> <p>The voice configuration limited to the admin can be seen by the user after entering the following URL:</p> <p><code>http://uut wan ip addr/admin/config.xml&amp;xuser=cisco&amp;xpassword=cisco</code></p> <p><b>Workaround</b> None. It is always recommended that the default username and passwords for both admin and user accounts are changed as soon as possible.</p>
CSCtr30224	<p>Fax tone detection sensitivity causes the SRP to detect the fax tone incorrectly during a normal call and then switch the initiated codec to the fax passthrough codec or T.38, thus causing the call to break.</p> <p><b>Workaround</b> If the SRP is used as a voice gateway that does not support Fax Call, disable &lt;FAX CNG Detect Enable&gt; and &lt;FAX V21 Detect Enable&gt; from the <i>Voice &gt; Line</i> page.</p>
CSCtr72599	<p>When SIP transport is set to TLS and the primary proxy is down, the SRP fails to register to the backup proxy.</p> <p><b>Workaround</b> None.</p>
CSCts01597	<p>The SRP cannot send a multi-page fax to the SPA2102.</p> <p><b>Workaround</b> None.</p>
CSCts12386	<p>When the SRP’s lines are unregistered, the SRP’s FXS ports can still relay to FXO.</p> <p>However, If the remote device makes a PSTN call to the SRP, the ring tone is played on the SRP’s FXS ports but the call cannot be answered.</p> <p><b>Workaround</b> None.</p>

**Table 1**      **Open Issues in Version 1.2.6**

Ref Number	Description
CSCtq83449	<p>The SRP cannot retrieve the XML provisioning file from the TFTP server after a reboot. (ADSL models only)</p> <p> <b>Note</b> This only occurs if the ADSL connection type is set to PPPoE.</p> <p><b>Workaround</b> Set the resync value to: &lt;Resync Random Delay&gt; = 10 (or above) from the <i>Voice &gt; Provisioning &gt; Configuration Profile</i> page.</p>
CSCtn60358	<p>The SRP540 does not failover to the standby port for SIP registration.</p> <p> <b>Note</b> For a DSL connection, SIP registration will take more than 2 mins.</p> <p><b>Workaround</b> None.</p>

## Resolved Issues

The following issues were resolved since software version 1.2.5.

**Table 2**      **Resolved Issues since Version 1.2.5**

Ref Number	Description
CSCud51942	Route throughput and performance declines when using 1.2.5 firmware.
CSCue06424	When SRP is put through TR-69 interop testing with an ACS vendor, it brings up errors.
CSCud08571	SRP521 and SRP521-U blocks incoming SIP messages from alternative proxy.
CSCue13998	When customer inserts Sierra Wireless 313u USB modem, the device fails to initialize.

# Related Information

**Table 3** *Related Information for Small Business*

<b>Support</b>	
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>
<b>Software</b>	
Software Downloads	<a href="http://www.cisco.com/go/srp500">www.cisco.com/go/srp500</a> 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>
<b>Product Documentation</b>	
Cisco Services Ready Platform 500 Series for Small Business	<a href="http://www.cisco.com/go/srp500">www.cisco.com/go/srp500</a>
Regulatory Compliance and Safety Information	<a href="http://www.cisco.com/en/US/products/ps10500/prod_installation_guides_list.html">www.cisco.com/en/US/products/ps10500/prod_installation_guides_list.html</a>
<b>Cisco Small Business</b>	
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>

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