# Release Notes for SRP520 Series Services Ready Platforms Software Version 1.01.23

These Release Notes describe the open and resolved issues with the SRP520 Series Services Ready Platforms (SRP521W, SRP526W, SRP527W) software version 1.01.23, and includes the changes since version 1.01.19.

This document includes the following topics:

- New Features
- Open Issues
- Resolved Issues
- Related Information

# New Features

The following new features and enhancements were added to software version1.01.23:

- [TR-069] returns <ParameterList/> tag in the response of GetParameterValue RPC when the parameter list is empty.

- Enhanced process resource usage monitoring.

- Added TR-069 Schedule Inform.

- Added support for voice port configured with a static jitter buffer configuration (Static Jitter Buffer Adjustment parameter set to Disabled), so that the size of the jitter buffer is controlled by the Network Jitter Level parameter.

  Previously, the jitter buffer was set to a minimum of 100ms regardless of the Network Jitter Level parameter. With this change, the jitter buffer size now appears as follows:

```
Network Jitter        Jitter Buffer
Level parameter           Size
Low                       30ms
Medium                    40ms
High                      60ms
Very High                100ms
Extremely High           180ms
```

- Support for the following Mobile Broadband USB modems: Huawei E160, K3765 and K4505 (HSPA), AnyData ADU500A and ADU-510A (CDMA 450), and ZTE K3751-Z (HSPA).

  For a complete list of supported modems, see the Mobile Broadband USB Modem Compatibility Matrix located under Technical References at: www.cisco.com/go/srp500.

# Open Issues

The following table lists the open issues in software version 1.01.23:

| Ref Number | Description |
|---|---|
| CSCto46766 | When a remote call is placed and the SRP is using on-hook/off-hook to hold or resume the call, the on-hook event (hook flash) is ignored.<br><br>This problem occurs if the on-hook time <Hook Flash Timer Min) is less that one second.<br><br>**NOTE:** If the EFTPOS modem is being used, the recommended Hook Flash Timer range is min 0.07 sec. and max 0.5 sec.<br><br>**Workaround** Divide the <Hook Flash Timer Min> and <Hook Flash Timer Max> by 4.<br><br>For example: If you divide the default settings 0.1 and 0.9 by 4, the on-hook time changes to 0.025 and 0.225. |
| CSCto46769 | When a remote call is placed and the SRP is using on-hook/off-hook to end the call, the call is not ended.<br><br>This problem occurs when the BYE message is sent in 4 sec. on-hook time.<br><br>**NOTE:** The maximum Hook Flash Timer is 0.9 sec. If the on-hook time is more than 0.9 sec. the on-hook event will be treated as on hook event (no hook flash event).<br><br>If an EFTPOS modem is being used, the recommended Hook Flash Timer range is min 0.07 sec. and max 0.5 sec.<br><br>**Workaround** Divide the <Hook Flash Timer Min> and <Hook Flash Timer Max> by 4.<br><br>For example: If you divide the default settings 0.1 and 0.9 by 4, the on-hook time changes to 0.025 and 0.225. |

| Ref Number | Description |
|---|---|
| CSCti44955 | FXS interface cannot send packets directly to LAN side IP phone, resulting in 1-way audio from the IP phone to the FXS interface.<br><br>**Workaround**　Enable SIP ALG on the SRP. On the LAN side IP phone, set **<NAT Mapping Enable> = no** on its Ext tab. |
| CSCtj37034 | After changing the remote IP address for the IPSec policy from the **VPN > IPSec Policy** page, the SRP does not reconnect to the VPN tunnel.<br><br>**Workaround**　Disable and then re-enable the VPN tunnel. |
| CSCtl50573 | No audio is heard on call placed between the ATA's FXS1 and FXS2 interfaces.<br><br>This problem occurs when the ATA is added to the SRP's LAN site, and SIP ALG is enabled on the SRP.<br><br>**Workaround**　Disable SIG ALG and use a port forwarding rule for the ATA's NAT traversal instead. |
| CSCtl55029 | Call placed between an ATA phone (configured with remote ringback) and the SRP results in 1-way audio.<br><br>This problem occurs when SIP ALG is enabled on the SRP, and no port forwarding rules are configured.<br><br>**Workaround**　Disable SIP ALG and use a port forwarding rule for NAT traversal instead. |
| CSCtl56255 | No overlapping subnet check for VLAN static IP address.<br><br>**Workaround**　Avoid configuring overlapping IP subnets across VLAN interfaces. |
| CSCto46773 | Busy tone and reorder tone on the Regional page not showing the correct values.<br><br>**Workaround**　Fine tune the total duration of the tone script to compensate for the inaccuracy.<br><br>For example:<br>480@-19,620@-19;10(.5/.5/1+2)<br><br>Change to<br>480@-19,620@-19;11(.5/.5/1+2) |

| Ref Number | Description |
|---|---|
| CSCto75874 | SIP attack causes latency and bad voice quality.<br><br>**Workaround**  Restrict Source IP from the **Voice > Line 1-2 > SIP Setting** page. Select "**yes**" for Restrict Source IP. |
| CSCtq33773 | FXO (PSTN) relay power outage or registration failure.<br><br>• The FXS1 port can relay to the FXO port during a power outage and establish a PSTN call, but the call is dropped when power is restored.<br><br>• FXO (PSTN) relay does not work when a registration failure occurs under any conditions.<br><br>**Workaround**  None. |
| CSCtr04518 | The "cisco" user cannot change their password from the Configuration Utility.<br><br>**Workaround**  After performing the initial configuration, do the following:<br><br>Using the "admin" account (**Administration > User List**), change the "user" privileges under **Administration > Privilege Control > User List** to Read/Write.<br><br>When logging on subsequently, the user can then manage their password from either the Setup Wizard or the Advanced page. |

# Resolved Issues

The following issues were resolved in software version 1.01.23:

| Ref Number | Description |
| --- | --- |
| CSCth08419 | IGMP Proxy service does not work in WAN PPPoE mode. |
| CSCtl22141 | Power cycling the SRP while the image is writing to flash causes the SRP to take a long time to recover. (Only occurs on an SRP526W and SRP527W configured with an ADSL connection). |
| CSCtn99822 | When Line 1 performs a EFTPOS modem transaction at the same time Line 2 is experiencing onhook/offhook events, modem interference occurs and reverts back to the retrain stage. |
| CSCto72830 | Under certain conditions such as a DOS, SIP flooding attack or frequent line flips, the SRP hangs (stops responding) to DCHP/DNS network requests which requires a reboot. |
| CSCto72840 | When data traffic consumes almost all upstream bandwidth, VoIP traffic tagged as "Strict High Priority Queue" shows a significant delay. |
| CSCto78578 | When frequent DSL line flips occur, the SRP might lock up. This can happen when the SRP is under a heavy load such as flooding on the switch. NOTE: In a worst-case scenario, the system might lose Internet connectivity for about a minute while the device recovers. |
| CSCth08413 | Failover may trigger falsely if WAN bandwidth utilization is high. |
| CSCti98439 | Static route on subinterface is not applied if WAN has no IP address. |
| CSCtl67468 | Cannot login to IVR system if the FXS 2 interface is not registered to the proxy. |
| CSCtn88991 | RIP does not advertise over some WAN types. |
| CSCtl21299 | Cannot hold or resume a call placed between the SRP and the remote unit. |

| Ref Number | Description |
|---|---|
| CSCtl23814 | Port forwarding rules are empty after configuring them through the Setup Wizard. |
| CSCtl54531 | Call placed between an IP or ATA phone results in 1-way audio after hold and resume operations. |
| CSCtl78702 | T.38 fax failure between 2 LAN side ATA's. |
| CSCto77117 | When both firewall and interVLAN routing features are disabled, Internet connectivity is lost. |
| CSCto09132 | UPnP enabled causes SRP throughput degradation. |
| CSCtq14170 CSCtq22186 CSCtq28064 CSCtq28067 CSCtq28068 | Resolved RIP related issues. |
| CSCtq48293 | When configuring a new IP address for a QoS policy, address validation sometimes fails. |

# Related Information

| Support | |
|---|---|
| Cisco Small Business Support Community | www.cisco.com/go/smallbizsupport |
| Online Technical Support and Documentation (Login Required) | www.cisco.com/support |
| Cisco Small Business Support and Resources | www.cisco.com/go/smallbizhelp |
| Phone Support Contacts | www.cisco.com/go/sbsc |
| **Software** | |
| Software Downloads (Login Required) | www.cisco.com/go/srp500 <br> Click the Download Software link. |
| Open Source Documentation | www.cisco.com/en/US/products/ps10500/prod_release_notes_list.html |
| **Product Documentation** | |
| Cisco Services Ready Platform 500 Series for Small Business | www.cisco.com/go/srp500resources |
| **Cisco Small Business** | |
| Cisco Partner Central for Small Business (Partner Login Required) | www.cisco.com/web/partners/sell/smb |
| Cisco Small Business Home | www.cisco.com/smb |
| Marketplace | www.cisco.com/go/marketplace |

OL-25260-01