

Release Notes for -- Linksys PAP2/PAP2T 5.1.6

PAP2 -- 2 Port FXS, 1 Ethernet Interface
PAP2T -- 2 Port FXS, 1 Ethernet Interface

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/** NOTICE **/
official release

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New Features
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--- External Notes ---

- If REGISTER results in a 301 response with a Contact header that has a maddr URI parameter, and if the <Outbound Proxy> is an IP address, the SPA will change the outproxy proxy address to the value of the maddr address. This value will remain valid until the next 301 response, if any, or will restore to the originally configured value upon reboot.
- When swapping calls in a call-waiting or similar situation, the SPA will order the operations to make sure that call hold is invoked before call resume.
- New RC blink pattern. Power LED red-orange slow blink while contacting server. Red-orange double blink if file not found or corrupt.
- 1. Make DHCP DISCOVER retry longer (120 Seconds)2. Reboot the device in 10 minutes if the device is using last konwn good IP address.

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Bug Fixes
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--- External Notes ---

- SDP in INVITE response, includes annex=yes/no if present in INVITE message
- Fixed this problem: A,B,C,D digits are dropped when dialing

- SPA should escape occurrences of '#' in the dial string with %23 in outbound INVITE
- Fixed this problem: Unit stops playing incoming RTP audio once it receives a 180/183 w/o SDP; regardless setting of <Sticky 183> parameter
- bug fix: Bogus IP may be used if dns srv failed when querying the proxy server.
- Worked around this problem: some server will change the Contact header's address in their response to the SPA's SIP REGISTER request, so that the SPA cannot find the corresponding Contact in the response and therefore may not be able to extract the proper expires value inserted by the server. This is a problem if the expires value inserted by the server in the response is smaller than the value in the original SIP REGISTER request. The work around is to use the first entry in the Contact header if an exactly matching address is not found.
- Fixed this problem: If unknown response is received, such as 101, SPA might misinterpret it as a 6xx response. In some other cases, an unknown response, such as 188, might be dropped by the SPA as a bad message. The proper way is to treat it as the corresponding base response, such as 100.
- Fixed this problem: Daylight Saving Time is not correct if start time is later than end time of the year in the <Daylight Saving Time Rule> parameter
- Fixed this problem: Unit should ignore in-dialog re-INVITE if it has not received ACK to the 200 response to the initial INVITE from the caller. This condition might happen if the ACK was lost but the first re-INVITE has already been sent by the peer.
- Fixed this problem: Unit should not filter out leading * or # digit in the incoming caller id number, as these can be legitimate phone number digits
- Fixed this problem: PAP2T cannot detect DTMF digits at 50ms on/off during a call, even if <DTMF Tx Mode> is "normal".
- Fixed missing '*' and '#' in on-hook caller-id number generation
- Eliminated cause of spurious reboot on resync for customized units with read-only parameters and value mismatch.