Release Notes for -- Linksys SPA-921/941 5.1.8

921 -- IP Phone
941 -- IP Phone

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/** NOTICE **/
official release

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      New Features
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Since 5.1.8

 - Disable 2 --> 4 line license upgrade feature. Make 4 extensions
   phone as default

 - On incoming page, do not automatically put the current calls
   on hold. Instead mix the incoming audio with that of the
   currently active calls

 - improve speakerphone

 - Phone will reply 200 OK to a NOTIFY/ping event inside a dialog

 - Added Broadsoft shared call appearance bridging support

version: 5.1.5

 - improve speakerphone

 - Phone will reply 200 OK to a NOTIFY/ping event inside a dialog

 - Added Broadsoft shared call appearance bridging support

version: 5.1.4

 - Added New parameter in Phone page: <SCA Line Key ID mapping>.   - Two
options: Vertical First/Horizontal First - Used for Shared Call Appearance Line

key ID mapping.   Each line key can map two calls.   When Vertical First is
selected: First SCA line will be mapped to 0, x+0;   Second SCA line will
be mapped to 1, x+1;   ...   x means total SCA lines.   When Horizontal
First is selected: First SCA line will be mapped to 0, 1;   Second SCA line
will be mapped to 2, 3;   ...

version: 5.1.0

 - Added <Auth INVITE> option for Line 1/2 to enable challenging incoming
initial INVITE requests

 - Three parameters are added:
<Reg Retry Random Delay> = Random delay range (in seconds) to add to <Register
Retry Intvl> when retrying REGISTER after a failure. Default is 0, which
disables this feature

<Reg Retry Long Random Delay> = Random delay range (in seconds) to add to
<Register Retry Long Intvl> when retrying REGISTER after a failure. Default is
0, which disables this feature

<Reg Retry Intvl Cap> = The maximum value to cap the expoential backoff retry
delay (which starts at <Register Retry Intvl> and doubles every retry. Default
value is 0, which disables the exponential backoff feature (i.e., error retry
interval is always at <Register Retry Intvl>). If this feature is enabled, <Reg
Retry Random Delay> is added on top of the exponential backoff delay value

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      Bug Fixes
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Since 5.1.5

 - SPA should escape occurrences of '#' in the dial string with
   %23 in outbound INVITE

 - SDP in INVITE response, includes annexb=yes/no if present
   in INVITE message

 - Fixed HTTPS with client authentication out-of-memory condition.

 - bug fix: network ring back distortion

 - bug fix: Phone does not allow dialing '#' key in the phone
   number

 - If keep alive msg is not a valid $SIP-METHOD macro and keep
   alive destination is $PROXY, and REGISTER is enabled, the keep
   alive message should be sent to the last Register destionation.
   But this does not work.

 - Fixed this bug: If phone receives a NOTIFY with an unknown event,
   it might reboot

 - Fixed: Phone will not play network ringback even if

early media is negotiated to G711

 - Fixed this problem: Phone does not use the same Authorization header
   fields in the ACK as   in the corresponding INVITE, per RFC 3261

version: 5.1.5

 - If keep alive msg is not a valid $SIP-METHOD macro and keep alive
destination is $PROXY, and REGISTER is enabled, the keep alive message should be
sent to the last Register destination. But this does not work.

 - Fixed this bug: If phone receives a NOTIFY with an unknown event, it might
reboot

version: 5.1.4

 - Fixed this bug: When unit fails over to secondary proxy during INVITE, the
correspnding ACK might be sent to the primary if <Proxy Fallback Intvl> expires
between the INVITE and the ACK.

 - Fixed bug: Dictionary New Entry window softkey wrong display

 - Fixed Bug: Call Park Status should not show when Linksys Key System is off.

version: 5.1.0

 - Sending network ringback tone to caller using g729 while there's another call
already using g729 will lead to reboot.

 - If presumed failed server response after failover, the SPA may take the
response from the bad server as if it is from the backup server.

 - Include "replaces" in Supported header in outbound SIP messages and accept
"replaces" in Require header in inbound SIP messages

 - Fixed this bug: NOTIFY request for refer event during call transfer does not
include subscription-state header that is required per RFC 3265

 - If <NAT Keep Alive Msg> is not $PING, $NOTIFY, or $REGISTER), and <NAT Keep
Alive Dest> is $PROXY, the unit should send the keep alive message to the same
address:port as the last REGISTER message. But the unit didn't do that.
Instead it resolves the current <Proxy> or <Outbound Proxy> address using DNS A
Record and send the keep alive message there.

 - Fixed this bug: SPA does not include RTP-Stat header in BYE after the BYE is
challenged