Software Release for: ThurayaIP+

Release number:	**2.0.4.9**
Release date:	**Thu, 2-Feb-2023, 01:50 pm PST**
Path to files:	Web: **http://sdweb/thuraya/thip2/releases/2.0.4.9**
	Windows: **\\pcnfs2\projects\thip2\releases\2.0.4.9**
	UNIX: **/sd/proj/thip2/releases/2.0.4.9**
Generated by:	**igilbert**
Comment:	**Fix for SPR 17471**

Release Elements

Binary image:	**thip2.bin**
Build timestamp:	**2/2/2023 13:49**
	(per the *print_release* shell command)
Firmware version:	**04.04**
PIC version:	**2.0.1.1**

SPRs Fixed

Links in the table below go directly to the SPR in DETS, presuming you have logged-in already.
This bypasses the DETS navigation bar, so you will be able to access the SPR, but not navigate to others.

SPR#	Description	Date	Resolution
17471	THIP+: Relay mode in new HW takes up to 30mins to be assigned with a global IP address	2022-08-26	fixed

NOTE: Content of table above depends on developers' inclusion of SPR number(s) in SRRs and timely update of SPR status in DETS.
Table extracted from DETS at: **13:51 2-Feb-2023**

SRR Summary:

SRR#	Elems	User	View	Date	SPRs Fixed
1234	3	igilbert	thip2_igilbert	Wed Feb 1 07:56:48 2023	
1235	2	igilbert	thip2_igilbert	Thu Feb 2 12:50:15 2023	17471

SRRs Approved for 2.0.4.9

SRR # 1234

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+-----------------------------------------------------------------------------
|           THIP2 SOFTWARE RELEASE REQUEST  # 1234
+-----------------------------------------------------------------------------
| Submitted By: igilbert     Wed Feb  1 07:56:48 2023
|
| View        : thip2_igilbert
+-----------------------------------------------------------------------------
| Revisions/Modifications:
|
| Fixes for WLAN UART communication on PXA255, switching WLAN interfaces
|
| This SRR corrects an issue on Thuraya IP+ Mobility terminals that prevented them from communicating with the WLAN chipset over the UART interface. T
|
| Additionally, this SRR corrects an issue with certain select() calls in the WLAN driver where the fdset being supplied was not cleared before adding
|
|
| SPECIFIC FILE CHANGES
| =====================
|
| pxa255Gpio.c:
| - Updated the initial configuration of GPIO 9 (PXA255_GPIO_WLAN_MSEL) on PXA255 terminals to an output with an initial level of high. This corrects
|
| wlan_ctrl.c:
| wlan_upgrd.c:
| - Before calling certain select() calls, make sure that fdset being used is cleared using FD_ZERO() before setting the WLAN interface file descripto
+-----------------------------------------------------------------------------
| SPRs Fixed:
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+-----------------------------------------------------------------------------
| Elements Released:
| /cm_data/dslp/sw/src/platform/wlan/wlan_ctrl.c@@/main/66
| /cm_data/dslp/sw/src/platform/wlan/wlan_upgrd.c@@/main/25
| /cm_data/dslp/sw/src/vxworks/target/config/dslp/pxa255Gpio.c@@/main/30
+-----------------------------------------------------------------------------
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SRR # 1235

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+------------------------------------------------------------------------------
|          THIP2 SOFTWARE RELEASE REQUEST  # 1235
+------------------------------------------------------------------------------
| Submitted By: igilbert     Thu Feb  2 12:50:15 2023
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| View       : thip2_igilbert
+------------------------------------------------------------------------------
| Revisions/Modifications:
|
| Re-implementation of fix for SPR 17471
|
| This SRR reinstates the fix for SPR 17471 by setting the default DHCP lease time to 5 minutes, to prevent cases where the TE may experience a long d
|
|
| SPECIFIC FILE CHANGES
| =====================
|
| dhcp_dns.c:
| - Updated the values of DHCPS_DEFAULT_LEASE_LONG and DHCPS_MAX_LEASE_LONG to 300 seconds to correct SPR 17471, where the TE may experience a delay i
|
| dhcp.c:
| - Added an enhancement to function dhcp_dns_update() which checks whether the terminal is in relay mode before assigning new DHCP lease times. If it
+------------------------------------------------------------------------------
| SPRs Fixed:
| 17471
+------------------------------------------------------------------------------
| Elements Released:
| /cm_data/dslp/sw/src/vxworks/target/config/dslp/dhcps.c@@/main/18
| /cm_data/dslp/sw/src/vxworks/target/config/dslp/dhcps_dns.h@@/main/7
+------------------------------------------------------------------------------
```