



Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Release Notes

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INTRODUCTION

Prepared for Netapp BSA release

CUSTOMER SUPPORT PORTAL (CSP)

Customers can submit enhancements, changes and/or defects against releases of software or firmware via the Broadcom Customer Support Portal (CSP). CSP cases are replicated into the Broadcom Bluetooth engineering change management database for review by the engineering community and change control boards.

If your project or program is not listed inside the CSP please contact your Broadcom representative whom can configure the CSP system for use with your unique needs.

To start using the CSP please visit <http://support.broadcom.com>.

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Critical

BLTH03479875

Subsystem: Other

Version Found: N/A

Version(s) Released: BSA0107_00.08.00

Version Found: BSA0106_00.30.00

Version(s) Released: BSA0107_00.08.00

Headline:

btusb device getting corrupted if two bsa_server binaries tries to use same device: later Ubuntu is crashing

Release Note:

Add a protection to prevent multiple simultaneous users (User Spaces applications) to open the same, btusb, device.

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Major

BLTH03475156

Subsystem: Other

Version Found: N/A
Version(s) Released: BSA0107_00.07.00
Version Found: BSA0107_00.00.00
Version(s) Released: BSA0107_00.07.00

Headline:

Fix BSA LE cache load problem

Release Note:

There is a bug when the number of attribute mod BSA_BLE_CL_NV_LOAD_MAX equal to 1.
Simple describe it
while((cur_attr != NULL) && (!sent))
{
 if(index == BSA_BLE_CL_NV_LOAD_MAX)
 {
 if(cur_attr->next) <-- wrong if only one attribute remain because
cur_attr is the last one not has been sent to stack
 if(cur_attr) <--right, because the cur_attr pointer has pointed to the
next on the previous loop
 }
 cur_attr = cur_attr->next
}

BLTH03477628

Subsystem: BSA

Version Found: N/A
Version(s) Released: BSA0107_00.07.00
Version Found: BSA0106_NIGHTLY_2015-08-07
Version(s) Released: BSA0107_00.07.00

Headline:

Add HH universal IR data send for LE remote.

Release Note:

Add HH universal IR data send for LE remote.

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Major

BLTH03479051

Subsystem: BLE

Version Found: N/A

Version(s) Released: BSA0107_00.08.00

Version Found: BSA0106_01.29.00

Version(s) Released: BSA0107_00.08.00

Headline:

Fix GKI memory leak occurring after repeated repair with BLE remote

Release Note:

Fix GKI memory leak occurring after repeated repair with BLE remote

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Major

BLTH03479415

Subsystem: BTA HD

Version Found: N/A

Version(s) Released: BSA0107_00.08.00

Version Found: BSA01062_01.05.00

Version(s) Released: BSA0107_00.08.00

Headline:

BSA Close Event is received when BSA_HdOpen is called

Release Note:

This is happening because the HID device is not setting it's class of device to a HID peripheral. Added code to the app_manager to allow the user to change the COD from a menu option.

BLTH03480714

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.08.00

Version Found: BSA0106_NIGHTLY_2015-09-02

Version(s) Released: BSA0107_00.08.00

Headline:

BTHID compile error on linux kernel version 3.15 and above this

Release Note:

Remove hidinput_input_event function pointer if kernel version is bigger than 3.15

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Major

BLTH03481131

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.09.00

Version Found: BSA0107_00.08.00

Version(s) Released: BSA0107_00.09.00

Headline:

Add generic BSA example application

Release Note:

A generic BSA project example (containing several profiles) has been added as reference for customers.

BLTH03481330

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.09.00

Version Found: BSA01062_01.25.00

Version(s) Released: BSA0107_00.09.00

Headline:

Create customer project folder

Release Note:

Have created a new customer project folder

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Major

BLTH03481696

Subsystem: Unknown

Version Found: N/A

Version(s) Released: BSA0107_00.09.00

Version Found: BSA0107_00.08.00

Version(s) Released: BSA0107_00.09.00

Headline:

app_av and app_avk does not work simutaneously

Release Note:

Corrected AV registration and added error code for AVK registration failure

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Major

BLTH03482233

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.11.00

Version Found: BSA0107_00.09.00

Version(s) Released: BSA0107_00.11.00

Headline:

Fix btusb.ko installation folder

Release Note:

btusb install.sh script does not copy the btusb.ko driver in the correct folder.

BLTH03483354

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.11.00

Version Found: BSA0107_00.09.00

Version(s) Released: BSA0107_00.11.00

Headline:

Compile error when BTM_LOCAL_IO_CAPS is set to BTM_IO_CAP_NONE

Release Note:

Fixed btm_sec.c file

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Minor

BLTH03472682

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.09.00

Version Found: BSA0106_NIGHTLY_2015-07-15

Version(s) Released: BSA0107_00.09.00

Headline:

Fix Binarydelivery target to support other CPU (than mips)

Release Note:

The binarydelivery target of BSA Example is only able to build a delivery for MIPS CPU.

Furthermore, the binarydelivery use an hardcoded path to build/x86 folder

BLTH03476312

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.07.00

Version Found: BSA0106_01.30.00

Version(s) Released: BSA0107_00.07.00

Headline:

Tracing using syslog

Release Note:

Tracing will be sent to system log if BT_USE_TRACES_SYSLOG is defined in bsa_server.txt and libbsa.txt

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Minor

BLTH03476449

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.07.00

Version Found: BSA0106_NIGHTLY_2015-08-12

Version(s) Released: BSA0107_00.07.00

Headline:

implement feature to send HOGP voice data to alsa interface

Release Note:

implement feature to send HOGP voice data to alsa interface

BLTH03476495

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.08.00

Version Found: BSA0106_NIGHTLY_2015-08-12

Version(s) Released: BSA0107_00.08.00

Headline:

Fix Read RawRSSI implementation

Release Note:

Fixed Read RawRSSI API:

ConnectionHandle was formatted in one byte rather than 2 bytes.

Was not working for BLE connections.

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Minor

BLTH03477452

Subsystem: avk

Version Found: N/A

Version(s) Released: BSA0107_00.07.00

Version Found: BSA0107_00.06.00

Version(s) Released: BSA0107_00.07.00

Headline:

BSA_AVK_STOP_EVT did not send some info.

Release Note:

add ccb_handle on tBTA_AVK_SUSPEND. copy parameters when received BTA_AVK_STOP_EVT with tBTA_AVK_SUSPEND.

BLTH03477621

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.07.00

Version Found: BSA0107_00.06.00

Version(s) Released: BSA0107_00.07.00

Headline:

Merge from BSA and BTE

Release Note:

Merge fixes from BSA016.2 and BTE

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Minor

BLTH03478235

Subsystem: BLE

Version Found: N/A

Version(s) Released: BSA0107_00.08.00

Version Found: BSA0106_NIGHTLY_2015-07-15

Version(s) Released: BSA0107_00.08.00

Headline:

Add, Broadcom proprietary, BLE2 in BSA's examples

Release Note:

Added Broadcom's proprietary BLE2 (Bluetooth Low Energy at 2mbps) support

BLTH03478267

Subsystem: avk

Version Found: N/A

Version(s) Released: BSA0107_00.07.00

Version Found: BSA0107_00.06.00

Version(s) Released: BSA0107_00.07.00

Headline:

add error status on avk commands

Release Note:

added error status on avk commands.

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Minor

BLTH03478678

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.08.00

Version Found: BSA0106_NIGHTLY_2015-08-20

Version(s) Released: BSA0107_00.08.00

Headline:

Add BLE HID TvWakeUp VSCs

Release Note:

BLE HID TvWakeUp VSCs have been added in app_headless and in customer's project

BLTH03479547

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.08.00

Version Found: BSA0107_00.06.00

Version(s) Released: BSA0107_00.08.00

Headline:

Dual role (AV and AVK) does not work properly

Release Note:

Support dual role

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Minor

BLTH03480402

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.11.00

Version Found: BSA0106_NIGHTLY_2015-09-02

Version(s) Released: BSA0107_00.11.00

Headline:

BR/EDR & BLE Periodic Rssi is incoherent

Release Note:

The Rssi parameter of the BTA_DM_SIG_STRENGTH_EVT event is not coherent between BR/EDR and BLE links.

For BR/EDR link, it is a difference, in dB, between the RSSI and the 'Golden Received Power Range'.

For BLE link, it is the 'real' RSSI value in dBm.

A new field has been added to indicate if the Link is BR/EDR or BLE.

Furthermore, the BSA Server, now, returns RawRSSI value (using a VSC) which gives a real (and useful) RSSI value.

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Minor

BLTH03482498

Subsystem: avk

Version Found: N/A

Version(s) Released: BSA0107_00.11.00

Version Found: BSA0107_00.09.00

Version(s) Released: BSA0107_00.11.00

Headline:

no definition of BTA_AVK_RSP_NOT_IMPL in bta_avk_api.h

Release Note:

change definitions of response codes for BSA_AvkVendorRsp

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Minor

BLTH03489205

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.11.00

Version Found: BSA0107_00.09.00

Version(s) Released: BSA0107_00.11.00

Headline:

Fix compile error on customer project

Release Note:

Modified bsa_server.txt file on customer project folder

BLTH03489383

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.11.00

Version Found: BSA0107_00.10.00

Version(s) Released: BSA0107_00.11.00

Headline:

move BSA_SCO_ROUTE_DEFAULT definition to header file

Release Note:

moved BSA_SCO_ROUTE_DEFAULT to app_ag.h

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Minor

BLTH03490119

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.12.00

Version Found: BSA0107_00.11.00

Version(s) Released: BSA0107_00.12.00

Headline:

Sync BSA configurations to match the base bsa_server.txt for BSA0107

Release Note:

Updated configuration based on the latest BSA0107 settings.

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved	Defects	Enhancements
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BLTH03477499		
Subsystem: BSA		
Version Found: N/A		
Version(s) Released: BSA0107_00.07.00		
Version Found: BSA0107_00.06.00		
Version(s) Released: BSA0107_00.07.00		
Headline:		
Send PBC next packet request by client.		
Release Note:		
add BSA_PbcContinueRes API for BSA_UNIFIED_CLIENT_SERVER.		
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BLTH03479180		
Subsystem: BSA		
Version Found: N/A		
Version(s) Released: BSA0107_00.08.00		
Version Found: BSA0106_NIGHTLY_2015-08-26		
Version(s) Released: BSA0107_00.08.00		
Headline:		
Enhance EIR decoding in Application		
Release Note:		
Enhanced EIR decoding in Applications.		
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Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects		Enhancements
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BLTH03481347		Subsystem: BSA
Version Found:		N/A
Version(s) Released:		BSA0107_00.09.00
Version Found:		BSA0107_00.08.00
Version(s) Released:		BSA0107_00.09.00
Headline:		
		Add support for 2.5M UART baud rate
Release Note:		
		Add support for 2.5M UART baud rate
<hr/>		
BLTH03482077		Subsystem: BSA
Version Found:		N/A
Version(s) Released:		BSA0107_00.09.00
Version Found:		BSA0107_00.08.00
Version(s) Released:		BSA0107_00.09.00
Headline:		
		Add BTUSB Installation script
Release Note:		
		Add btusb installation script

Release notes from BSA 1.7.0.6 thru BSA 1.7.0.12

Resolved Defects

Enhancements

BLTH03483782

Subsystem: BSA

Version Found: N/A

Version(s) Released: BSA0107_00.11.00

Version Found: BSA0107_00.09.00

Version(s) Released: BSA0107_00.11.00

Headline:

Fix build error with BTA_AV_INCLUDED = FALSE

Release Note:

Fix BTA_AV_INCLUDED = FALSE compilation issues
