Release notes from BSA 1.6.1.53 thru BSA 1.7.0.6

Release Notes

August 21, 2015

Confidential and Proprietary Information

LICENSED SOFTWARE

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.

Resolved Defects   Critical

BLTH03456967   **Subsystem:**   **Stack**

    Version Found: N/A

    Version(s) Released: BSA0107_00.01.00

    Version Found: BSA0107_00.01.00

    Version(s) Released: BSA0107_00.01.00

    Headline:

    Fix compile errors

    Release Note:

    Fixed compile errors.

BLTH03462970   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0107_00.02.00

    Version Found: BSA0107_00.02.00

    Version(s) Released: BSA0107_00.02.00

    Headline:

    QtApp MAP client failed to connect to iPhone

    Release Note:

    Fixed MAP client connection failure with iPhone.

Resolved Defects   Critical

BLTH03463084   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.10.00

    Version Found: BSA01062_01.10.00

    Version(s) Released: BSA01062_01.10.00

    Headline:

    Fix build errors

    Release Note:

    Fixed build errors

BLTH03463119   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.10.00

    Version Found: BSA01062_01.10.00

    Version(s) Released: BSA01062_01.10.00

    Headline:

    Fix build errors

    Release Note:

    Fixed build errors

Resolved Defects   Critical

BLTH03463334   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.10.00

    Version Found: BSA01062_01.10.00

    Version(s) Released: BSA01062_01.10.00

    Headline:

    Fix build errors

    Release Note:

    Fix build issues

BLTH03464193   **Subsystem: A2DP**

    Version Found: N/A

    Version(s) Released: BSA01062_01.11.00

    Version Found: BSA01062_01.10.00

    Version(s) Released: BSA01062_01.11.00

    Headline:

    QTApp 3AVk Connection Feature - Floating Point exception and QTApp crash

    Release Note:

    Fixed issue

Resolved Defects   Critical

BLTH03464603   **Subsystem:**   **BSA**

    Version Found: BSA01062_01.11.00

    Version(s) Released: BSA01062_01.12.00

    Version Found: BSA01062_01.11.00

    Version(s) Released: BSA01062_01.12.00

    Headline:

    3-AVK - Disconnecting one AV connection causes disconnection of other AV connections

    Release Note:

    Fixed 3AVK connection issues.

BLTH03465682   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.16.00

    Version Found: BSA01062_01.12.00

    Version(s) Released: BSA01062_01.16.00

    Headline:

    BSA01062 - Add AAC support

    Release Note:

    Added AAC codec support for 3AVK connections

Resolved Defects   Critical

BLTH03466939   **Subsystem:**   **A2DP**

Version Found:	N/A
Version(s) Released:	BSA0106_01.56.00
Version Found:	BSA0106_01.54.00
Version(s) Released:	BSA0106_01.56.00

Headline:

[BSA Linux Automotive] When QT App is in Phone role, A2DP audio is not heard in headset

Release Note:

Fixed bug related to av-avk relay.   Function was indicating that av-avk was enabled but not ready so server did not route any audio.

BLTH03468039   **Subsystem:**   **BSA**

Version Found:	N/A
Version(s) Released:	BSA01062_01.19.00
Version Found:	BSA01062_01.18.00
Version(s) Released:	BSA01062_01.19.00

Headline:

Fix Nucleus compile issues

Release Note:

Fix nuclues rc related compile issue

Resolved Defects   Critical

BLTH03468915   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA0107_00.03.00
Version Found:	BSA0107_00.02.00
Version(s) Released:	BSA0107_00.03.00

Headline:

BSA loses first key from BLE remote

Release Note:

Fixed the problem that BSA loses first key from BLE remote.

BLTH03470172   **Subsystem: avk**

Version Found:	N/A
Version(s) Released:	BSA01062_01.21.00
Version Found:	BSA01062_01.19.00
Version(s) Released:	BSA01062_01.21.00

Headline:

add bd_addr on BTA_AVK_SUSPEND_EVT for 3 AVK

Release Note:

add bd_addr on BTA_AVK_SUSPEND_EVT.

Resolved Defects   Critical

BLTH03470303   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.58.00

    Version Found: BSA0106_NIGHTLY_2015-06-26

    Version(s) Released: BSA0106_01.58.00

    Headline:

    Remove unnecessary codec configuration

    Release Note:

    Removed unnecessary codec configuration from a customer project

BLTH03471156   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.58.00

    Version Found: BSA0106_NIGHTLY_2015-07-02

    Version(s) Released: BSA0106_01.58.00

    Headline:

    kernel crash was happened at removing btusb which was enabled autopm

    Release Note:

    Fix btusb_disconnect function which access NULL pointer when btusb uses autopm
    mode

Resolved Defects   Critical

BLTH03471610   **Subsystem: BSA**

     Version Found: N/A

     Version(s) Released: BSA01062_01.23.00

     Version Found: BSA0106_NIGHTLY_2015-07-02

     Version(s) Released: BSA01062_01.23.00

     Headline:

     kernel crash was happened at removing btusb which was enabled autopm

     Release Note:

     Fix btusb_disconnect function which access NULL pointer when btusb uses autopm
mode

BLTH03471779   **Subsystem: BSA**

     Version Found: N/A

     Version(s) Released: BSA0107_00.03.00

     Version Found: BSA0107_00.03.00

     Version(s) Released: BSA0107_00.03.00

     Headline:

     Compile error fix

     Release Note:

     Compile error fix

Resolved Defects   Critical

BLTH03471999   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0107_00.03.00

    Version Found: BSA0107_00.03.00

    Version(s) Released: BSA0107_00.03.00

    Headline:

    Compile error fix

    Release Note:

    Compile error fix.

BLTH03472359   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0107_00.04.00

    Version Found: BSA0107_00.03.00

    Version(s) Released: BSA0107_00.04.00

    Headline:

    Authentication required when connecting to a paired iPhone

    Release Note:

    Fixed an issue that authentication is requested when connecting to a paired device.

Resolved Defects   Critical

BLTH03473272   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0107_00.05.00

    Version Found: BSA0106_NIGHTLY_2015-07-20

    Version(s) Released: BSA0107_00.05.00

    Headline:

Make option to configure BLE Server profile security

    Release Note:

Make option to configure BLE Server profile security

BLTH03473273   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.23.00

    Version Found: BSA0106_NIGHTLY_2015-07-20

    Version(s) Released: BSA01062_01.23.00

    Headline:

Make option to configure BLE Server profile security

    Release Note:

Make option to configure BLE Server profile security

Resolved Defects <div align="right">Critical</div>

BLTH03475930   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA0107_00.06.00
Version Found:	BSA0107_00.05.00
Version(s) Released:	BSA0107_00.06.00

Headline:

BSA_SecAddDevice function with ble device was failed

Release Note:

Fixed definitions on libbsa.txt to sync BLE Key structure

BLTH03476058   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA0107_00.06.00
Version Found:	BSA0107_00.06.00
Version(s) Released:	BSA0107_00.06.00

Headline:

Add build flag on bsa_sv_sec_dump_le_key_values function

Release Note:

Add build flag on bsa_sv_sec_dump_le_key_values function

Resolved Defects   Critical

BLTH03476111   **Subsystem:**   **BSA**

     Version Found: N/A

     Version(s) Released: BSA0107_00.06.00

     Version Found: BSA0107_00.06.00

     Version(s) Released: BSA0107_00.06.00

     Headline:

     Fix compile error on BLE key dump function on bsa_sec.c file

     Release Note:

     Fix compile error on BLE key dump function on bsa_sec.c file

Resolved Defects   Major

BLTH03065878   **Subsystem:**   **BLE - GATT**

Version Found:	N/A	
Version(s) Released:	BSA0106_01.54.00	
Version Found:	BSA0106_00.48.00	
Version(s) Released:	BSA0106_01.54.00	

Headline:

bsa0106 app_ble_wifi when the app_ble initiator app quits, the responder gets a disconnection event with BSA_BLE_SE_DISCONNECT_EVT status:19

Release Note:

Change disconnection display message

BLTH03447857   **Subsystem:**   **AVRCP**

Version Found:	N/A	
Version(s) Released:	BSA01062_01.01.00	
Version Found:	N/A	
Version(s) Released:	BSA01062_01.01.00	

Headline:

BSA AVRCP does not function correctly when connecting from Phone side.

Release Note:

Added code to support the BTA_AVK_RC_PEER_FEAT_EVT event

Resolved Defects   Major

BLTH03449500   **Subsystem:**   **A2DP**

    Version Found: BSA01062_01.01.00

    Version(s) Released: BSA01062_01.03.00

    Version Found: BSA01062_01.01.00

    Version(s) Released: BSA01062_01.03.00

    Headline:

    AVDT_Set_Configuration failing when Peer AV Sink tries to reconnect

    Release Note:

    Need to add copy protection flag to the supported features when enabling A2DP Source

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BLTH03449857   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.02.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA01062_01.02.00

    Headline:

    meta-data and browsing does not work when connected from iPhone

    Release Note:

    Corrected condition because of which bsa server was not registering for notification and allowing browsing.

Resolved Defects   Major

BLTH03450079   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.10.00

    Version Found: BSA01062_01.01.00

    Version(s) Released: BSA01062_01.10.00

    Headline:

    Add support for 3 Simultaneous A2DP+AVRCP Connections

    Release Note:

    Added support for 3 Simultaneous A2DP+AVRCP Connections

BLTH03450113   **Subsystem:**   **AVCTP**

    Version Found: BCM4349B0_002.001.014.0024.0000

    Version(s) Released: BSA01062_01.02.00

    Version Found: BTE0323_00.38.00

    Version(s) Released: BSA01062_01.02.00

    Headline:

    [BTE0323]: From Source try to re-open the RC observed ccb 1 not allocated and RC open failed.

    Release Note:

    Port fix from BTE
    Need to set   bta_avk_cb.rc_acp_handle = BTA_AVK_RC_HANDLE_NONE; to register a listening AVRCP channel.
    There are some problems in the merge process, in the original CR, the one is there but after merge it was not there.....
    http://gerrit-sw-8094.irv.broadcom.com:8094/#/c/1929/1/avk/bta_avk_act.c

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Resolved Defects   Major

BLTH03451006   **Subsystem: A2DP**

Version Found:	N/A
Version(s) Released:	BSA01062_01.04.00
Version Found:	BSA01062_01.03.00
Version(s) Released:	BSA01062_01.04.00

Headline:

A2DP and call audio mixed in QT App - Multi Profile Multi Device scenario

Release Note:

Handle pause/play music when HF and AVK are connected to different devices

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BLTH03451144   **Subsystem: A2DP**

Version Found:	BSA01062_01.03.00
Version(s) Released:	BSA01062_01.04.00
Version Found:	BSA01062_01.03.00
Version(s) Released:	BSA01062_01.04.00

Headline:

[BSA_Linux_Automotic]Music played through A2DP source(Nokia Lumia) when disconnected and reconnected with QT App

Release Note:

Use BTA SIG_OPEN and SIG_CLOSE event in BSA server to send notiications to BSA client (instead of BTA AV_OPEN/CLOSE) because of white paper related changes.

Resolved Defects Major

BLTH03451166   **Subsystem:**   **AVCTP**

Version Found:	N/A
Version(s) Released:	BSA01062_01.04.00
Version Found:	BSA01062_01.03.00
Version(s) Released:	BSA01062_01.04.00

Headline:

BSA_AvStart fails multiple times(error 702) when next button is pressed from headset

Release Note:

After stoppping streaming, wait for STOP event before starting streaming.

BLTH03458202   **Subsystem:**   **BSA**

Version Found:	N/A
Version(s) Released:	BSA0107_00.02.00
Version Found:	BSA0107_00.01.00
Version(s) Released:	BSA0107_00.02.00

Headline:

Merge latest updates from BTE323 and BSA01062 to BSA0107

Release Note:

Merged latest updates from BTE323 and BSA01062 to BSA0107.

Release notes from BSA 1.6.1.53 thru BSA 1.7.0.6

Resolved Defects Major

BLTH03458748 **Subsystem:** **BTA AVK**

    Version Found: N/A

    Version(s) Released: BSA0106_01.57.00

    Version Found: BSA01062_01.06.00

    Version(s) Released: BSA0106_01.57.00

    Headline:

    Typographical error when sending BTA_AVK_RC_PEER_FEAT_EVT.

    Release Note:

    set peer role instead of local role at BTA_AVK_RC_PEER_FEAT_EVT.

BLTH03458757 **Subsystem:** **avk**

    Version Found: N/A

    Version(s) Released: BSA01062_01.23.00

    Version Found: BSA01062_01.05.00

    Version(s) Released: BSA01062_01.23.00

    Headline:

    BSA_AVK_STOP_EVT is recieved when 6   => AVK Start option chosen in app_avk

    Release Note:

    AVK start and stop methods are obsolete. The AV whitepaper recommendation is that only AV source starts and stops the stream. The AV sink should use AVRCP pass thru commands play and stop. The menu is removed.

Resolved Defects   Major

BLTH03460757   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.53.00

    Version Found: BSA0106_01.51.00

    Version(s) Released: BSA0106_01.53.00

    Headline:

    "Full Band Fast Scan" not working in app_fm

    Release Note:

    Removed the full band fast scan function from the app_fm sample app because it is
    not fully implemented in the app layer.

BLTH03461463   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.53.00

    Version Found: BSA0106_NIGHTLY_2015-04-23

    Version(s) Released: BSA0106_01.53.00

    Headline:

    Add ble close function to customer project

    Release Note:

    Add ble close function to customer project

Resolved Defects   Major

BLTH03462331   **Subsystem: BSA**

> **Version Found:**   N/A
> **Version(s) Released:**   BSA0106_01.53.00
> **Version Found:**   BSA0106_NIGHTLY_2015-05-05
> **Version(s) Released:**   BSA0106_01.53.00
> **Headline:**
>
> fix build error on app_fmr
>
> **Release Note:**
>
> fix build error on app_fmr

BLTH03462486   **Subsystem: BSA**

> **Version Found:**   N/A
> **Version(s) Released:**   BSA0106_01.54.00
> **Version Found:**   BSA0106_NIGHTLY_2015-05-06
> **Version(s) Released:**   BSA0106_01.54.00
> **Headline:**
>
> Implement dual mode RCU fw upgrade routine
>
> **Release Note:**
>
> Implement dual mode RCU fw upgrade routine

Resolved Defects   Major

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BLTH03462895   **Subsystem: USB**

    Version Found: N/A

    Version(s) Released: BSA0106_01.54.00

    Version Found: BSA0106_NIGHTLY_2015-05-07

    Version(s) Released: BSA0106_01.54.00

    Headline:

btusb0 in /proc/driver/btusb directory is not shown if more than 2 BT module is plugged in.

    Release Note:

Modified proc file update sequence.
/proc/driver/btusb is created/removed at insmod/rmmod.
btusbX is created/removed at USB prove/disconnect.

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BLTH03462965   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.54.00

    Version Found: BSA0106_NIGHTLY_2015-05-07

    Version(s) Released: BSA0106_01.54.00

    Headline:

Create a menu in app_hh to send HID_Control request

    Release Note:

Add one menu in app_hh to send HID_Control request

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Resolved Defects   Major

BLTH03462988   **Subsystem: BSA**

Version Found:	N/A	
Version(s) Released:	BSA01062_01.10.00	
Version Found:	BSA0106_NIGHTLY_2015-05-07	
Version(s) Released:	BSA01062_01.10.00	

Headline:

Create a menu in app_hh to send HID_Control request

Release Note:

Create a menu in app_hh to send HID_Control request

BLTH03463815   **Subsystem: BSA**

Version Found:	N/A	
Version(s) Released:	BSA0106_01.54.00	
Version Found:	BSA0106_NIGHTLY_2015-05-15	
Version(s) Released:	BSA0106_01.54.00	

Headline:

Create a customer project for Android OS

Release Note:

Create a customer project for Android OS

Resolved Defects   Major

BLTH03463929   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.11.00

    Version Found: BSA01062_01.10.00

    Version(s) Released: BSA01062_01.11.00

    Headline:

    Fix 3-AVK connection issues

    Release Note:

    Fixed 3-AVK connection issues

BLTH03464151   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.54.00

    Version Found: BSA0106_NIGHTLY_2015-05-18

    Version(s) Released: BSA0106_01.54.00

    Headline:

    Create a new project folder

    Release Note:

    Customer folder was created

Release notes from BSA 1.6.1.53 thru BSA 1.7.0.6

Resolved Defects Major

BLTH03464181 **Subsystem:** **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.54.00

    Version Found: BSA0106_NIGHTLY_2015-05-20

    Version(s) Released: BSA0106_01.54.00

    Headline:

Customer sample application update for BT RCU OTA update

    Release Note:

Add function to OTA update for fastboot support BT remote.

BLTH03464194 **Subsystem:** **A2DP**

    Version Found: N/A

    Version(s) Released: BSA01062_01.12.00

    Version Found: BSA01062_01.10.00

    Version(s) Released: BSA01062_01.12.00

    Headline:

3AVK Connections: Panasonic P81 is getting disconnected when a second phone is connected

    Release Note:

Fixed connection issues

Resolved Defects   Major

BLTH03465194   **Subsystem: A2DP**

Version Found:	N/A
Version(s) Released:	BSA01062_01.16.00
Version Found:	BSA01062_01.11.00
Version(s) Released:	BSA01062_01.16.00

Headline:

QTApp 3AVK - Connecting to AV source sometimes   fails with
BSA_AVK_OPEN_EVT status 0x325

Release Note:

Fixed connection issues

BLTH03465198   **Subsystem: A2DP**

Version Found:	BSA01062_01.11.00
Version(s) Released:	BSA01062_01.23.00
Version Found:	BSA01062_01.11.00
Version(s) Released:	BSA01062_01.23.00

Headline:

3AVK Connection QT App -Nokia Lumia 800 Music is played through AV source
when connected to QTAPP

Release Note:

Resolved the issue where sometimes audio source does not automatically open
AVDTP connection.

Resolved Defects   Major

BLTH03465681   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.18.00

    Version Found: BSA01062_01.12.00

    Version(s) Released: BSA01062_01.18.00

    Headline:

    BSA01062 - Fix Nucleus Build errors

    Release Note:

    Fixed Nucleus compile issues

BLTH03465935   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.14.00

    Version Found: BSA01062_01.12.00

    Version(s) Released: BSA01062_01.14.00

    Headline:

    Customer request for new BSA API to periodically monitor RSSI of connected devices

    Release Note:

    Added BSA API to allow for periodically monitoring the RSSI of connected clients.

Resolved Defects   Major

BLTH03466050   **Subsystem: A2DP**

Version Found:	N/A
Version(s) Released:	BSA01062_01.15.00
Version Found:	BSA01062_01.14.00
Version(s) Released:	BSA01062_01.15.00

Headline:

3AVK Connection - Audio switching not happening if AV Src2 and 3 were connected while AV Source 1 was playing

Release Note:

Fixed issues with 3 AVK connections

BLTH03466426   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA0106_01.55.00
Version Found:	BSA0106_NIGHTLY_2015-06-02
Version(s) Released:	BSA0106_01.55.00

Headline:

Fix for bsa_server segmentation fault on 64bit linux machine.

Release Note:

In uipc_shm.c, wrong header file referred. Therefore changed define

```
#if defined(BSA_ANDROID) || (BSA_ANDROID == TRUE)
to
#if defined(BSA_ANDROID) && (BSA_ANDROID == TRUE)
```

Resolved Defects   Major

BLTH03466539   **Subsystem: USB**

Version Found:	N/A
Version(s) Released:	BSA0106_01.55.00
Version Found:	BSA0106_NIGHTLY_2015-06-02
Version(s) Released:	BSA0106_01.55.00

Headline:

dequeue btusb rx buffer when BTUSB open

Release Note:

add btusb rx data dequeue routine at btusb open.

BLTH03467141   **Subsystem: BTA DG**

Version Found:	N/A
Version(s) Released:	BSA0106_01.57.00
Version Found:	BSA0106_01.54.00
Version(s) Released:	BSA0106_01.57.00

Headline:

When app_dg is connected as SPP server to a peer, it is not able to connect as a client to another SPP server

Release Note:

This issue is a result of the SPP service name the app_dg is attempting to connect with.   The app generates a service name based on the connection number, the service names must match for the connection to happen.   Fixed this by letting the user specify the service name or choose no service name.

Resolved Defects   Major

BLTH03467500   **Subsystem:**   **BSA**

Version Found:	N/A
Version(s) Released:	BSA01062_01.17.00
Version Found:	BSA01062_01.16.00
Version(s) Released:	BSA01062_01.17.00

Headline:

Disable AAC support by default

Release Note:

Disabled AAC support by default. Support is enabled on a need basis in customer specific settings file.

BLTH03467642   **Subsystem:**   **AVRCP**

Version Found:	N/A
Version(s) Released:	BSA01062_01.18.00
Version Found:	BTE0324_NIGHTLY_2015-06-05
Version(s) Released:	BSA01062_01.18.00

Headline:

Merge changes from BTE

Release Note:

BTA RC needs to check both roles(CT/TG) on the peer device and open AVRCP accordingly
Fix some crash found during UPF

Resolved Defects

Major

BLTH03467892 **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA0106_01.57.00
Version Found:	BSA0106_NIGHTLY_2015-06-11
Version(s) Released:	BSA0106_01.57.00

Headline:

Low power mode was not changed to deassert

Release Note:

Modified definition check routine to call HCILP_IsTxDoneCplted function

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BLTH03468112 **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA0106_01.57.00
Version Found:	BSA0106_NIGHTLY_2015-06-14
Version(s) Released:	BSA0106_01.57.00

Headline:

Create a customer project folder

Release Note:

Create a customer project folder

Resolved Defects

Major

BLTH03468519   Subsystem: **BSA**

Version Found:	N/A
Version(s) Released:	BSA0106_01.57.00
Version Found:	BSA0106_NIGHTLY_2015-06-16
Version(s) Released:	BSA0106_01.57.00

Headline:

VSC send with simple_app fails on BigEndian Platform

Release Note:

The 'simple_app --vsc XXXXXX' command fails on BigEndian platform. The same
problem exists with the --hci command
There is a problem to extract the OpCode (which is on 16 bits).
The root cause is that the sscanf function requires an 'int pointer'. But we pass an
'UINT16 pointer'.
On BigEndian platform, the sscanf function fills the third and forth bytes following the
pointer (potential memory corruption also).

BLTH03468695   Subsystem: **A2DP**

Version Found:	N/A
Version(s) Released:	BSA01062_01.22.00
Version Found:	BSA01062_01.19.00
Version(s) Released:	BSA01062_01.22.00

Headline:

ERROR bsa_media_task_aa_process_rx_frame :When the A2DP source is already
streaming when QT App connects, then audio not routed

Release Note:

Fixed the following issues
1) Unknown transcoding error
2) get_buf crash and
3) Audio doesn't play on sink if the the source is already playing when connected.

Resolved Defects   Major

BLTH03468703   **Subsystem:**   **A2DP**

    Version Found: BSA01062_01.19.00

    Version(s) Released: BSA01062_01.22.00

    Version Found: BSA01062_01.19.00

    Version(s) Released: BSA01062_01.22.00

    Headline:

    QT Application Phone role : A2DP volume increase when HS connects and A2DP doesnt resume after HS audio close

    Release Note:

    Modified qt app to resume audio after HS audio is closed if it was playing when HS audio was opened.   Change in audio volume was not reproducible.

BLTH03469389   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.57.00

    Version Found: BSA0106_NIGHTLY_2015-06-23

    Version(s) Released: BSA0106_01.57.00

    Headline:

    BSA always grant BLE security even though authorization reply is BSA_SEC_NOT_AUTH

    Release Note:

    BSA always grant BLE security even though authorization reply is BSA_SEC_NOT_AUTH

Resolved Defects   Major

BLTH03469450   **Subsystem:**   **RFCOMM**

Version Found:	N/A
Version(s) Released:	BSA0106_01.57.00
Version Found:	BTE0324_NIGHTLY_2015-06-22
Version(s) Released:	BSA0106_01.57.00

Headline:

[BTE0324] RFCOMM needs to check whether mutiplexer channel exists before allowing opening other DLCs

Release Note:

RFCOMM needs to check whether mutiplexer channel exists before allowing opening other DLCs

---

BLTH03469451   **Subsystem:**   **RFCOMM**

Version Found:	N/A
Version(s) Released:	BSA01062_01.20.00
Version Found:	BTE0324_NIGHTLY_2015-06-22
Version(s) Released:	BSA01062_01.20.00

Headline:

[BTE0324] RFCOMM needs to check whether mutiplexer channel exists before allowing opening other DLCs

Release Note:

RFCOMM needs to check whether mutiplexer channel exists before allowing opening other DLCs

---

Resolved Defects Major

BLTH03469539   **Subsystem:**   **BSA**

Version Found:	N/A
Version(s) Released:	BSA0106_01.58.00
Version Found:	BSA0106_NIGHTLY_2015-06-23
Version(s) Released:	BSA0106_01.58.00

Headline:

Add AG profile on customer project

Release Note:

Add AG profile on customer project

BLTH03469736   **Subsystem:**   **BSA**

Version Found:	N/A
Version(s) Released:	BSA0106_01.58.00
Version Found:	BSA0106_NIGHTLY_2015-06-24
Version(s) Released:	BSA0106_01.58.00

Headline:

Add Vendor specific command to configure PCM and SCO interface

Release Note:

Add two menus on app_tm

Resolved Defects   Major

BLTH03469785   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.58.00

    Version Found: BSA0106_NIGHTLY_2015-06-24

    Version(s) Released: BSA0106_01.58.00

    Headline:

    PBS vCard listing send duplicated entries when there are large amount of contacts

    Release Note:

    Resolved the problem that PBS vCard listing send duplicated entries when there are large amount of contacts.

BLTH03470213   **Subsystem:**   **AVRCP**

    Version Found: N/A

    Version(s) Released: BSA01062_01.21.00

    Version Found: BSA01062_01.19.00

    Version(s) Released: BSA01062_01.21.00

    Headline:

    Change BTA_RC_DISC_BUF_SIZE due to SDP DB full occurred.

    Release Note:

    change rc disc buffer size.

Resolved Defects   Major

BLTH03470305   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.58.00

    Version Found: BSA0106_NIGHTLY_2015-06-26

    Version(s) Released: BSA0106_01.58.00

    Headline:

    Fix connection param request   command handle routine

    Release Note:

    Fix connection param request   command handle routine

BLTH03470599   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.59.00

    Version Found: BSA0106_01.57.00

    Version(s) Released: BSA0106_01.59.00

    Headline:

    Port Nucleus Patches to mainline

    Release Note:

    Ported followed Nucleus derived fixes to mainline

    using BTA_DmReadRemoteDeviceName like as BTLA.
    add rc peer open event
    add GKI timer for nucleus
    Reg Noti for Track changed is rejected in BB9700.
    send a2dp close ind to UI when disconnected after signaling channel
    connected(befor media open)
    add addr on avk rc open event
    allow rc disconnect even a2dp ready state
    typographical error when sending BTA_AVK_RC_PEER_FEAT_EVT

Resolved Defects   Major

BLTH03471291   **Subsystem:**   **A2DP**

    Version Found: N/A

    Version(s) Released: BSA01062_01.23.00

    Version Found: BSA01062_01.21.00

    Version(s) Released: BSA01062_01.23.00

    Headline:

    Issue with absolute volume and multiple AVK connection feature

    Release Note:

    Fixed the issue where connection to a second audio source overrides the absolute current playing volume set by the first audio source.

BLTH03471795   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.58.00

    Version Found: BSA0106_NIGHTLY_2015-07-09

    Version(s) Released: BSA0106_01.58.00

    Headline:

    Add option in btdl tool to do not download MiniDriver

    Release Note:

    Some new BT Chips (e.g. 20703/20704) do not need a MiniDriver to be downloaded. The --nominidrv option has been added to the btdl tool.

Resolved Defects   Major

BLTH03471887   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.58.00

    Version Found: BSA0106_NIGHTLY_2015-07-09

    Version(s) Released: BSA0106_01.58.00

    Headline:

Add headless mode function in customer project

    Release Note:

Add headless mode feature in customer project

BLTH03471905   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0107_00.03.00

    Version Found: BSA0106_NIGHTLY_2015-07-09

    Version(s) Released: BSA0107_00.03.00

    Headline:

Add headless mode function in customer project

    Release Note:

Add headless mode feature in customer project

Resolved Defects

Major

BLTH03471909   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.23.00

    Version Found: BSA0106_NIGHTLY_2015-07-09

    Version(s) Released: BSA01062_01.23.00

    Headline:

Add headless mode function in customer project

    Release Note:

Add headless mode feature in customer project

BLTH03471911   **Subsystem:**   **avk**

    Version Found: N/A

    Version(s) Released: BSA01062_01.23.00

    Version Found: BSA01062_01.22.00

    Version(s) Released: BSA01062_01.23.00

    Headline:

compile error fix in customer project

    Release Note:

Build error fix

Resolved Defects   Major

BLTH03471944   **Subsystem:**   **Unknown**

Version Found:	N/A
Version(s) Released:	BSA01062_01.24.00
Version Found:	BSA01062_01.23.00
Version(s) Released:	BSA01062_01.24.00

Headline:

3-AVK - Disconnecting one AV connection causes pausing of audio from other AV connection.

Release Note:

Resolved the issue where disconnecting one AV connection causes pausing of audio from other AV connection.

BLTH03472002   **Subsystem:**   **BSA**

Version Found:	N/A
Version(s) Released:	BSA01062_01.23.00
Version Found:	BSA0106_NIGHTLY_2015-07-09
Version(s) Released:	BSA01062_01.23.00

Headline:

Add option in btdl tool to do not download MiniDriver

Release Note:

Some new BT Chips (e.g. 20703/20704) do not need a MiniDriver to be downloaded. The --nominidrv option has been added to the btdl tool.

Resolved Defects   Major

BLTH03472003   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0107_00.04.00

    Version Found: BSA0106_NIGHTLY_2015-07-09

    Version(s) Released: BSA0107_00.04.00

    Headline:

Add option in btdl tool to do not download MiniDriver

    Release Note:

Some new BT Chips (e.g. 20703/20704) do not need a MiniDriver to be downloaded.
The --nominidrv option has been added to the btdl tool.

BLTH03472123   **Subsystem: avk**

    Version Found: N/A

    Version(s) Released: BSA0107_00.04.00

    Version Found: BSA0107_00.03.00

    Version(s) Released: BSA0107_00.04.00

    Headline:

compile error fix in customer project

    Release Note:

Build error fix

Resolved Defects   Major

BLTH03472184   **Subsystem: A2DP**

    Version Found: N/A

    Version(s) Released: BSA0106_01.59.00

    Version Found: BSA0106_NIGHTLY_2015-07-13

    Version(s) Released: BSA0106_01.59.00

    Headline:

Add Delay report support for the AV Source side of A2DP

    Release Note:

Pass Delay report information from the AV Callout to the application level

---

BLTH03472233   **Subsystem: A2DP**

    Version Found: N/A

    Version(s) Released: BSA01062_01.23.00

    Version Found: BSA0106_NIGHTLY_2015-07-13

    Version(s) Released: BSA01062_01.23.00

    Headline:

Add Delay report support for the AV Source side of A2DP

    Release Note:

Pass Delay report information from the AV Callout to the application level

---

Resolved Defects   Major

BLTH03472234   **Subsystem: A2DP**

    Version Found: N/A

    Version(s) Released: BSA0107_00.04.00

    Version Found: BSA0106_NIGHTLY_2015-07-13

    Version(s) Released: BSA0107_00.04.00

    Headline:

    Add Delay report support for the AV Source side of A2DP

    Release Note:

    Pass Delay report information from the AV Callout to the application level

---

BLTH03472416   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.23.00

    Version Found: BSA0106_NIGHTLY_2015-07-13

    Version(s) Released: BSA01062_01.23.00

    Headline:

    Create an API to make connection as high priority

    Release Note:

    Created an API to make connection as high priority

Resolved Defects   Major

BLTH03472417   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0107_00.04.00

    Version Found: BSA0106_NIGHTLY_2015-07-13

    Version(s) Released: BSA0107_00.04.00

    Headline:

Create an API to make connection as high priority

    Release Note:

Created an API to make connection as high priority

BLTH03472914   **Subsystem:**   **avk**

    Version Found: N/A

    Version(s) Released: BSA0107_00.05.00

    Version Found: BSA01062_01.05.00

    Version(s) Released: BSA0107_00.05.00

    Headline:

BSA_AVK_STOP_EVT is recieved when 6   => AVK Start option chosen in app_avk

    Release Note:

AVK start and stop methods are obsolete. The AV whitepaper recommendation is that only AV source starts and stops the stream. The AV sink should use AVRCP pass thru commands play and stop. The menu is removed.

Resolved Defects   Major

BLTH03473487   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA01062_01.23.00
Version Found:	BSA0106_NIGHTLY_2015-07-22
Version(s) Released:	BSA01062_01.23.00

Headline:

Add check routine for BSA command size

Release Note:

Add check routine for BSA command size.

BLTH03473488   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA0107_00.05.00
Version Found:	BSA0106_NIGHTLY_2015-07-22
Version(s) Released:	BSA0107_00.05.00

Headline:

Add check routine for BSA command size

Release Note:

Add check routine for BSA command size.

Resolved Defects   Major

BLTH03475490   **Subsystem:**   **BSA**

Version Found:	N/A
Version(s) Released:	BSA0107_00.06.00
Version Found:	BSA0106_NIGHTLY_2015-07-31
Version(s) Released:	BSA0107_00.06.00

Headline:

Create a android makefile for simple_app application

Release Note:

New android.mk file was added on customer project for simple_app application

---

BLTH03475491   **Subsystem:**   **BSA**

Version Found:	N/A
Version(s) Released:	BSA01062_01.24.00
Version Found:	BSA0106_NIGHTLY_2015-07-31
Version(s) Released:	BSA01062_01.24.00

Headline:

Create a android makefile for simple_app application

Release Note:

New android.mk file was added on customer project for simple_app application

---

Resolved Defects   Major

BLTH03475673   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA0107_00.06.00
Version Found:	BSA0107_00.05.00
Version(s) Released:	BSA0107_00.06.00

Headline:

app_av and app_avk does not work simutaneously

Release Note:

Enable app_av and app_avk simutaneous operation. Added method to add BSA server trace.

BLTH03476045   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA0107_00.06.00
Version Found:	BSA0106_NIGHTLY_2015-08-07
Version(s) Released:	BSA0107_00.06.00

Headline:

Enable BTU_HANDLE_RAW_HCI_ENABLED definition on customer project

Release Note:

Enable BTU_HANDLE_RAW_HCI_ENABLED definition on customer project

---

Resolved Defects

Minor

BLTH03444979   **Subsystem:**   **BSA**

Version Found:	N/A
Version(s) Released:	BSA0107_00.01.00
Version Found:	BSA0106_01.30.00
Version(s) Released:	BSA0107_00.01.00

Headline:

Merge BTE 323 AV code

Release Note:

Merge BTE 323 AV code

BLTH03445891   **Subsystem:**   **BSA**

Version Found:	N/A
Version(s) Released:	BSA0107_00.01.00
Version Found:	BSA0106_01.30.00
Version(s) Released:	BSA0107_00.01.00

Headline:

Merge BTE 323 AV code

Release Note:

Merge BTE 323 AV code

Resolved Defects   Minor

BLTH03446939   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA0107_00.01.00
Version Found:	BSA0106_01.30.00
Version(s) Released:	BSA0107_00.01.00

Headline:

AVRCP meta data fixes for BSA 107

Release Note:

AVK fixes

BLTH03447391   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA01062_01.01.00
Version Found:	BSA0106_01.30.00
Version(s) Released:	BSA01062_01.01.00

Headline:

Merge BTE 323 AV code

Release Note:

Merge BTE 323

Resolved Defects   Minor

BLTH03448106   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.01.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA01062_01.01.00

    Headline:

    Add SCM config file

    Release Note:

    Added SCM config file

BLTH03450657   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.03.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA01062_01.03.00

    Headline:

    Merge tip of BSA 106 CRs

    Release Note:

    Merge changes from BSA 106.1
    All changes up to BSA0106_01.46.00 are merged

Resolved Defects   Minor

BLTH03452461   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.04.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA01062_01.04.00

    Headline:

    Merge BSA 106.1 changes

    Release Note:

    Merge BSA 106.1 changes

BLTH03452939   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.04.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA01062_01.04.00

    Headline:

    Merge changes from BSA 106.1

    Release Note:

    Merge changes from 106.1]

Resolved Defects   Minor

BLTH03460704   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA0106_01.53.00
Version Found:	BSA0106_NIGHTLY_2015-04-16
Version(s) Released:	BSA0106_01.53.00

Headline:

Change delay time for HID audio streaming resolution from ms to us

Release Note:

Change delay time resolution of HID audio streaming

BLTH03460995   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA01062_01.07.00
Version Found:	BSA0106_01.30.00
Version(s) Released:	BSA01062_01.07.00

Headline:

Merge changes from 106 branch

Release Note:

Merge changes from 106.1

Resolved Defects   Minor

BLTH03461151   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0107_00.02.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA0107_00.02.00

    Headline:

    merge BSA 106.2 changes

    Release Note:

    merge BSA 106.2 changes

BLTH03461451   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.07.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA01062_01.07.00

    Headline:

    Fix compile

    Release Note:

    fixed compile issue

Resolved Defects   Minor

BLTH03461464   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.53.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA0106_01.53.00

    Headline:

    Mark BSA specific code

    Release Note:

    Mark BSA specific code with comment /* BSA_SPECIFIC */ to distinguish changes from BTE

BLTH03461725   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.08.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA01062_01.08.00

    Headline:

    Mark BSA specific code

    Release Note:

    Mark BSA specific code

Resolved Defects   Minor

BLTH03461741   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.53.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA0106_01.53.00

    Headline:

    Fix compile error

    Release Note:

    Fix compile error

BLTH03461745   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.08.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA01062_01.08.00

    Headline:

    Update AV and AVK to BTE 3.23

    Release Note:

    Updated to latest

Resolved Defects Minor

BLTH03461752 **Subsystem:** **BSA**

Version Found:	N/A
Version(s) Released:	BSA0107_00.02.00
Version Found:	BSA0106_01.30.00
Version(s) Released:	BSA0107_00.02.00

Headline:

BTE 323 stack update

Release Note:

Updated

BLTH03461856 **Subsystem:** **BSA**

Version Found:	N/A
Version(s) Released:	BSA0107_00.02.00
Version Found:	BSA0106_01.30.00
Version(s) Released:	BSA0107_00.02.00

Headline:

BTE 323 stack update

Release Note:

Merge from bte323

Resolved Defects   Minor

BLTH03462013   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.53.00

    Version Found: BSA0106_NIGHTLY_2015-05-01

    Version(s) Released: BSA0106_01.53.00

    Headline:

    Specify BLE Local key file with bsa_server command line option '-k'

    Release Note:

    Specify BLE Local key file with bsa_server command line option '-k'

BLTH03462015   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.53.00

    Version Found: BSA0106_NIGHTLY_2015-05-01

    Version(s) Released: BSA0106_01.53.00

    Headline:

    Changed BLE IO capability for customer proejct to NoInputNoOutput

    Release Note:

    Changed BLE IO capability for customer project to NoInputNoOutput

---

Resolved Defects   Minor

BLTH03462017   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.53.00

    Version Found: BSA0106_NIGHTLY_2015-05-01

    Version(s) Released: BSA0106_01.53.00

    Headline:

    Enable BLE privacy feature for customer project

    Release Note:

    Enable BLE privacy feature for customer project

BLTH03462021   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.53.00

    Version Found: BSA0106_NIGHTLY_2015-05-03

    Version(s) Released: BSA0106_01.53.00

    Headline:

    Disable BLE local privacy for customer project

    Release Note:

    Disable BLE local privacy for customer project

Resolved Defects   Minor

BLTH03462023   **Subsystem: BSA**

      Version Found: N/A

      Version(s) Released: BSA0106_01.53.00

      Version Found: BSA0106_NIGHTLY_2015-05-03

      Version(s) Released: BSA0106_01.53.00

      Headline:

      Enable AV/AVK for customer project

      Release Note:

      Enable AV/AVK for customer project

BLTH03462219   **Subsystem: BSA**

      Version Found: N/A

      Version(s) Released: BSA0107_00.02.00

      Version Found: BSA0106_01.30.00

      Version(s) Released: BSA0107_00.02.00

      Headline:

      Fix compile and merge issues

      Release Note:

      BTE 323 updates

Resolved Defects   Minor

BLTH03462245   **Subsystem:**   **BTA HF**

    Version Found: N/A

    Version(s) Released: BSA0106_01.53.00

    Version Found: BTE0323_NIGHTLY_2015-05-01

    Version(s) Released: BSA0106_01.53.00

    Headline:

    [BTE0323]Need to add 2_ev3 packet type in the default sco packet type in HS side

    Release Note:

    Added 2_ev3 packet type in the default sco packet type in HS side

---

BLTH03462334   **Subsystem:**   **BTA HF**

    Version Found: N/A

    Version(s) Released: BSA01062_01.08.00

    Version Found: BTE0323_NIGHTLY_2015-05-01

    Version(s) Released: BSA01062_01.08.00

    Headline:

    [BTE0323]Need to add 2_ev3 packet type in the default sco packet type in HS side

    Release Note:

    Added 2_ev3 packet type in the default sco packet type in HS side

---

Resolved Defects   Minor

BLTH03462856   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.10.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA01062_01.10.00

    Headline:

    Compile error in nuclues

    Release Note:

    Fix build issue

BLTH03462943   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.10.00

    Version Found: BSA01062_01.10.00

    Version(s) Released: BSA01062_01.10.00

    Headline:

    BSA01062- Fix Build issues

    Release Note:

    Resolved build issues

Resolved Defects   Minor

BLTH03463150   **Subsystem:**   **BLE**

    Version Found: N/A

    Version(s) Released: BSA0106_01.54.00

    Version Found: BSA0106_01.48.00

    Version(s) Released: BSA0106_01.54.00

    Headline:

Not able to add 128-bit Service UUID to BLE Advertisement Data

    Release Note:

Fixed the sol_services_128b w/in the tBSA_DM_BLE_ADV_CONFIG structure to be a
data element vs a pointer.
Also added support for services_128b in the same structure and BSA DM component.

BLTH03463437   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.13.00

    Version Found: BSA01062_01.03.00

    Version(s) Released: BSA01062_01.13.00

    Headline:

Customer request for adding decoding of Rx Test statistics in logging

    Release Note:

Added decoding of the received rx test
statistics(HCI_BRCM_VSE_SUBCODE_CONNECTIONLESS_RX_TEST_STATISTIC
S) in hcidisp.c

Resolved Defects   Minor

BLTH03464105   **Subsystem: BSA**

      Version Found: N/A

      Version(s) Released: BSA0107_00.03.00

      Version Found: BSA0106_01.30.00

      Version(s) Released: BSA0107_00.03.00

      Headline:

      LE secure connection

      Release Note:

      LE secure connection support.

BLTH03464107   **Subsystem: BSA**

      Version Found: N/A

      Version(s) Released: BSA0107_00.06.00

      Version Found: BSA0106_01.30.00

      Version(s) Released: BSA0107_00.06.00

      Headline:

      Data packet extentions

      Release Note:

      Added LE Data Length Extension support.

Resolved Defects   Minor

BLTH03464184   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.54.00

    Version Found: BSA0106_NIGHTLY_2015-05-20

    Version(s) Released: BSA0106_01.54.00

    Headline:

    libbsa.txt update for media hub project

    Release Note:

    libbsa.txt update for media hub project
    Add HID_DEV_MTU_SIZE = 800
    add other BSA feature define

BLTH03464992   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.54.00

    Version Found: BSA0106_NIGHTLY_2015-05-25

    Version(s) Released: BSA0106_01.54.00

    Headline:

    Disable sniff subrate feature for customer platform.

    Release Note:

    Add BTM_SSR_INCLUDED = FALSE on customer bsa_server.txt file.

Resolved Defects   Minor

BLTH03465788   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.13.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA01062_01.13.00

    Headline:

    3 AVK connections - iPhone meta data is not displayed when connected from iPhone

    Release Note:

    Fixed meta data issue

BLTH03466480   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.54.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA0106_01.54.00

    Headline:

    Merge BSA 106.2 changes

    Release Note:

    Port changes from BSA 106.2

Resolved Defects   Minor

BLTH03467196   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.20.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA01062_01.20.00

    Headline:

    Support for AVRCP absolute volume

    Release Note:

    Added support for absolute voluume

BLTH03467297   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.58.00

    Version Found: BSA0106_NIGHTLY_2015-03-22

    Version(s) Released: BSA0106_01.58.00

    Headline:

    Add HOGP feature on STB project

    Release Note:

    New project has added as 'han_hogp' because many changes need to be done and the other new feature also implemented.

Resolved Defects   Minor

BLTH03467543   **Subsystem:**   **A2DP**

    Version Found: N/A

    Version(s) Released: BSA0106_01.57.00

    Version Found: BSA0106_NIGHTLY_2015-06-04

    Version(s) Released: BSA0106_01.57.00

    Headline:

    Disable A2DP sink custom codec at customer project setting.

    Release Note:

    remove BSA_AVK_SEC_SUPPORT definition in customer bsa_server.txt

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BLTH03467685   **Subsystem:**   **BLE**

    Version Found: N/A

    Version(s) Released: BSA0106_01.57.00

    Version Found: BSA0106_NIGHTLY_2015-06-10

    Version(s) Released: BSA0106_01.57.00

    Headline:

    Associate BSA_BLE_CL_NV_LOAD_MAX and BTA_GATTC_NV_LOAD_MAX

    Release Note:

    Associate BSA_BLE_CL_NV_LOAD_MAX and BTA_GATTC_NV_LOAD_MAX.
    These two definition should have the same value.

Resolved Defects   Minor

BLTH03467700   **Subsystem:**   **BLE**

    Version Found: N/A

    Version(s) Released: BSA01062_01.18.00

    Version Found: BSA0106_NIGHTLY_2015-06-10

    Version(s) Released: BSA01062_01.18.00

    Headline:

    Associate BSA_BLE_CL_NV_LOAD_MAX and BTA_GATTC_NV_LOAD_MAX

    Release Note:

    Associate BSA_BLE_CL_NV_LOAD_MAX and BTA_GATTC_NV_LOAD_MAX.
    These two definition should have the same value.

BLTH03467723   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.57.00

    Version Found: BSA0106_NIGHTLY_2015-06-10

    Version(s) Released: BSA0106_01.57.00

    Headline:

    Create a customer project

    Release Note:

    Create a customer project

Resolved Defects   Minor

BLTH03469023   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.57.00

    Version Found: BSA0106_NIGHTLY_2015-06-21

    Version(s) Released: BSA0106_01.57.00

    Headline:

Added the prototype declaration of BSA_ReadRemoteName

    Release Note:

Added the prototype declaration of BSA_ReadRemoteName

BLTH03469186   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.57.00

    Version Found: BSA0106_NIGHTLY_2015-06-21

    Version(s) Released: BSA0106_01.57.00

    Headline:

Fix compile error in customer application.

    Release Note:

Fix compile error in customer application.

Resolved Defects   Minor

BLTH03469382   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.57.00

    Version Found: BSA0106_NIGHTLY_2015-06-22

    Version(s) Released: BSA0106_01.57.00

    Headline:

Fix compile error in customer application.

    Release Note:

Fix compile error in customer application.

BLTH03469964   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.58.00

    Version Found: BSA0106_NIGHTLY_2015-06-25

    Version(s) Released: BSA0106_01.58.00

    Headline:

Remove unnecessary definition on Makefile in customer project folders

    Release Note:

Removed BSA_ANDROID definition on customer project

Resolved Defects   Minor

BLTH03470500   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.21.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA01062_01.21.00

    Headline:

    Absolute volume fixes

    Release Note:

    Fixes for abs volume. Added UI for showing vol percentage.

BLTH03470668   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0107_00.03.00

    Version Found: BSA0106_01.30.00

    Version(s) Released: BSA0107_00.03.00

    Headline:

    Update to latest   BTE323

    Release Note:

    Update to BTE323

Resolved Defects   Minor

BLTH03471002   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA01062_01.22.00
Version Found:	BSA0106_01.30.00
Version(s) Released:	BSA01062_01.22.00

Headline:

Update from BSA 106 branch

Release Note:

Updated from BSA (106.1) branch

BLTH03471625   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA0107_00.03.00
Version Found:	BSA0106_01.30.00
Version(s) Released:	BSA0107_00.03.00

Headline:

Fix compile issues

Release Note:

Fixed compile issues

Resolved Defects   Minor

BLTH03471775   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA0106_01.58.00
Version Found:	BSA0106_NIGHTLY_2015-07-09
Version(s) Released:	BSA0106_01.58.00

Headline:

Add bd address on tBSA_AVK_RC_OPEN_MSG struct

Release Note:

Add bd address on tBSA_AVK_RC_OPEN_MSG struct

BLTH03473973   **Subsystem: BSA**

Version Found:	N/A
Version(s) Released:	BSA01062_01.23.00
Version Found:	BSA0106_NIGHTLY_2015-07-26
Version(s) Released:	BSA01062_01.23.00

Headline:

fix customer 20733 hid RCU OTA failure case

Release Note:

Remove check vs_location, vs_length routine since it is useless.

Resolved Defects   Minor

BLTH03473974   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0107_00.05.00

    Version Found: BSA0106_NIGHTLY_2015-07-26

    Version(s) Released: BSA0107_00.05.00

    Headline:

    fix customer 20733 hid RCU OTA failure case

    Release Note:

    Remove check vs_location, vs_length routine since it is useless.

BLTH03473978   **Subsystem:**   **GKI**

    Version Found: N/A

    Version(s) Released: BSA01062_01.23.00

    Version Found: BSA01062_01.22.00

    Version(s) Released: BSA01062_01.23.00

    Headline:

    Typographical error when using NUCLEUS_BASE_PRIORITY

    Release Note:

    change from ifndef to ifdef.

Resolved Defects   Minor

BLTH03473980   **Subsystem:**   **GKI**

     Version Found: N/A

     Version(s) Released: BSA0107_00.05.00

     Version Found: BSA0107_00.04.00

     Version(s) Released: BSA0107_00.05.00

     Headline:

Typographical error when using NUCLEUS_BASE_PRIORITY

     Release Note:

change from ifndef to ifdef.

Resolved Defects   Cosmetic

BLTH03465232   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.54.00

    Version Found: BSA0106_NIGHTLY_2015-05-26

    Version(s) Released: BSA0106_01.54.00

    Headline:

    Add BSA_SPECIFIC comment on chrisle_BLTH03460931 modification

    Release Note:

    Add BSA_SPECIFIC comment on chrisle_BLTH03460931 modification

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BLTH03466630   **Subsystem:**   **BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.55.00

    Version Found: BSA0106_NIGHTLY_2015-06-03

    Version(s) Released: BSA0106_01.55.00

    Headline:

    make clear display message for num of handle when a new service created.

    Release Note:

    make clear display message for num of handle when a new service created.

Resolved Defects   Cosmetic

BLTH03466637   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA01062_01.16.00

    Version Found: BSA0106_NIGHTLY_2015-06-03

    Version(s) Released: BSA01062_01.16.00

    Headline:

make clear display message for num of handle when a new service created.

    Release Note:

make clear display message for num of handle when a new service created.

BLTH03467547   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.57.00

    Version Found: BSA0106_NIGHTLY_2015-06-04

    Version(s) Released: BSA0106_01.57.00

    Headline:

Add mediahub project to scm script

    Release Note:

Modified scm build script

Resolved Defects   Enhancements

BLTH03447203   **Subsystem:**   **Stack**

    Version Found: N/A

    Version(s) Released: BSA0107_00.01.00

    Version Found: BSA0107_00.00.00

    Version(s) Released: BSA0107_00.01.00

    Headline:

    Port BTE0323

    Release Note:

    Ported BTE0323 and implemented HFP 1.7 in BSA.

BLTH03455242   **Subsystem:**   **BTA AVK**

    Version Found: N/A

    Version(s) Released: BSA01062_01.05.00

    Version Found: BTE0323_NIGHTLY_2015-03-11

    Version(s) Released: BSA01062_01.05.00

    Headline:

    BTE0323 BTA AVK handle signaling open fail case in the AVK init state

    Release Note:

    BTA AVK handle signaling open fail case in the AVK init state

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Resolved Defects   Enhancements

BLTH03463311   **Subsystem:**   **BTE**

       Version Found: N/A

       Version(s) Released: BSA0106_01.54.00

       Version Found: BSA0106_01.53.00

       Version(s) Released: BSA0106_01.54.00

       Headline:

       BTA_AVK_AV_AUDIO_RELAY code should depend on BTA_AVK_INCLUDED

       Release Note:

       The code will be include only when BTA_AVK_INCLUDED = TRUE

BLTH03463356   **Subsystem:**   **BTE**

       Version Found: N/A

       Version(s) Released: BSA0106_01.54.00

       Version Found: BSA0106_01.53.00

       Version(s) Released: BSA0106_01.54.00

       Headline:

       To avoid an useless upgrade UART baud rate action

       Release Note:

       The upgrade UART baud rate for download patchram should only do once.

Resolved Defects   Enhancements

BLTH03463399   **Subsystem:**   **BTE**

    Version Found: N/A

    Version(s) Released: BSA0106_01.54.00

    Version Found: BSA0106_01.53.00

    Version(s) Released: BSA0106_01.54.00

    Headline:

    Display OpCode correctly in simple_app

    Release Note:

    Should reverse OpCode formate then print it out.

BLTH03463595   **Subsystem:**   **BTE**

    Version Found: N/A

    Version(s) Released: BSA0106_01.54.00

    Version Found: BSA0106_01.53.00

    Version(s) Released: BSA0106_01.54.00

    Headline:

    Correct return BSA Error status value

    Release Note:

    Change to the correct Error Status value.

Release notes from BSA 1.6.1.53 thru BSA 1.7.0.6

BLTH03464125   **Subsystem: BSA**

    Version Found: N/A

    Version(s) Released: BSA0106_01.54.00

    Version Found: BSA0106_NIGHTLY_2015-05-18

    Version(s) Released: BSA0106_01.54.00

    Headline:

    [BSA] BSA port for Android Lollipop

    Release Note:

    Modified BSA to build for Android OS.

BLTH03466752   **Subsystem: AVRCP**

    Version Found: N/A

    Version(s) Released: BSA0106_01.57.00

    Version Found: BSA0106_01.54.00

    Version(s) Released: BSA0106_01.57.00

    Headline:

    AVRCP Browsing Data error on 64bit linux machine

    Release Note:

    fix corrected byte alignement

Resolved Defects   Enhancements

BLTH03470546   **Subsystem:**   **AVRCP**

    Version Found: N/A

    Version(s) Released: BSA01062_01.22.00

    Version Found: BSA01062_01.20.00

    Version(s) Released: BSA01062_01.22.00

    Headline:

    AVRC locked on pending state.

    Release Note:

    send next command when received response packet.