



BSA Find Me Profile PTS Test

OCT 2017



Environment

- BSA0107_00.48.00 (or higher version)
- PTS 7.1.1
- FMP.ICS.1.0.3.pdf, FMP.TS.1.0.2.pdf
 - Find Me Locator
 - Profile supported over LE

How to compile app_ble_pm_v2

- This app use C++, so you need to configure one more env parameter
- `export MIPS GCC="/crosstool folder location"/stbgcc-4.5.4-2.9/bin/mipsel-linux-uclibc-gcc`
- `export MIPS GXX="/crosstool folder location"/stbgcc-4.5.4-2.9/bin/mipsel-linux-uclibc-g++`
- `export MIPS GCC LIBPATH="/crosstool folder location"/stbgcc-4.5.4-2.9/lib/gcc/mipsel-linux-uclibc/4.5.4/include`
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- Then, compile the app_ble_pm_v2
- `> cd 3rdparty/embedded/bsa_examples/linux/app_ble_pm_v2/build`
- `> make CPU=mips` `<= For STB/Linux target`
- You can find executable
- `> app_ble_pm_v2/build/mips/app_ble_pm`

Test case1 - FMP/FL/FMS/BV-02-I

- This test case is for discovery service for FMP
- Steps
 1. Execute bsa_server, app_manager, app_ble_pm_v2.
 2. on app_ble_pm_v2 menu
 - Select “1 => Register Proximity Monitor”
 4. Click test case on PTS(FMP/FL/FMS/BV-02-I)
 5. on app_ble_pm_v2 menu
 - select “2 => Discover Proximity Monitor”
 - select “4 => Connect Proximity Monitor”
 - select “13 => Refresh all attributes”
 - select “12 => Show all attributes”

Test case2 - FMP/FL/FMS/BV-03-I

- This test case is for discovery service for FMP
- Steps
 1. Execute bsa_server, app_manager, app_ble_pm_v2.
 2. on app_ble_pm_v2 menu
 - Select “1 => Register Proximity Monitor”
 4. Click test case on PTS(FMP/FL/FMS/BV-03-I)
 5. on app_ble_pm_v2 menu
 - select “2 => Discover Proximity Monitor”
 - select “4 => Connect Proximity Monitor”
 - select “13 => Refresh all attributes”
 - select “12 => Show all attributes”

Test case3 - FMP/FL/FMF/BV-01-I

■ Steps

1. Execute bsa_server, app_manager, app_ble_pm_v2.
2. on app_ble_pm_v2 menu
Select "1 => Register Proximity Monitor"
4. Click test case on PTS(FMP/FL/FMF/BV-01-I)
5. on app_ble_pm_v2 menu
select "2 => Discover Proximity Monitor"
select "4 => Connect Proximity Monitor"
select "10 => Configure Immediate Alert Level" -> 2 High Alert

Test case4 - FMP/FL/FMF/BV-02-I

■ Steps

1. Execute bsa_server, app_manager, app_ble_pm_v2.
2. on app_ble_pm_v2 menu
Select "1 => Register Proximity Monitor"
4. Click test case on PTS(FMP/FL/FMF/BV-01-I)
5. on app_ble_pm_v2 menu
select "2 => Discover Proximity Monitor"
select "4 => Connect Proximity Monitor"
select "10 => Configure Immediate Alert Level" -> 0 No Alert

Test case5 - FMP/FL/FMF/BV-03-I

■ Steps

1. Execute bsa_server, app_manager, app_ble_pm_v2.
2. on app_ble_pm_v2 menu
Select "1 => Register Proximity Monitor"
4. Click test case on PTS(FMP/FL/FMF/BV-01-I)
5. on app_ble_pm_v2 menu
select "2 => Discover Proximity Monitor"
select "4 => Connect Proximity Monitor"
select "5 => Close Connection"
select "4 => Connect Proximity Monitor" -> "0 Device from XML database(already paired)"



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