

Texas Instruments
amsdk_android



AM335xSK_JB_4.1

Test Report

Project: amsdk_android

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Idle power performance with FULL WAKE LOCK

Idle power performance with SCREEN BRIGHT WAKE LOCK

Idle power performance with SCREEN DIM WAKE LOCK

Idle power performance with PARTIAL WAKE LOCK

Dhrystone power performance with PARTIAL WAKE LOCK

3D Graphics power performance

Audio + Video power performance

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Idle power performance with FULL WAKE LOCK

Idle power performance with SCREEN BRIGHT WAKE LOCK

Idle power performance with SCREEN DIM WAKE LOCK

Idle power performance with PARTIAL WAKE LOCK

Dhrystone power performance with PARTIAL WAKE LOCK

3D Graphics power performance

Audio + Video power performance

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275KHz

Idle power performance with FULL WAKE LOCK

Idle power performance with SCREEN BRIGHT WAKE LOCK

Idle power performance with SCREEN DIM WAKE LOCK

Idle power performance with PARTIAL WAKE LOCK

Dhrystone power performance with PARTIAL WAKE LOCK

3D Graphics power performance

Audio + Video power performance

500KHz

Idle power performance with FULL WAKE LOCK

Idle power performance with SCREEN BRIGHT WAKE LOCK

Idle power performance with SCREEN DIM WAKE LOCK

Idle power performance with PARTIAL WAKE LOCK

Dhrystone power performance with PARTIAL WAKE LOCK

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Idle power performance with FULL WAKE LOCK

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Idle power performance with FULL WAKE LOCK

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SUSPEND MODE power consumption sleep while idle enabled and enable off mode enabled

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WLAN WEP 40 bits, TCP Stream, Buffer size 32 KB

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WLAN WEP 40 bits, TCP Stream, Buffer size 128 KB

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Media Transfer Protocol

Picture Transfer Protocol

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Music application lists songs.

Music application lists Songs from External Storage and Recorded

Camera will be part of Android DevKit core applications

Dev Tools will be part of Android DevKit core applications

ICONS for standard applications will be placed on main window

Security will be turned ON in Android Layer

Android DevKit should contain Sources for Linux Kernel

The DevKit installer should work on a ubuntu Linux host machine

Links to support infrastructure on e2e and rowboat to be provided

Email will be part of Android DevKit core applications

Links to raise defects against this release should be provided

Calendar will be part of Android DevKit core applications

Android home screen contains Launcher -

Android home screen contains Global Search Bar

Android Home Screen contains Tips widget to give important Tips

Additional Widgets can be added to Home Screen by a long press on

Multiple Home Screen (5 Screens)

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Wallpaper can be changed

Keypad contains HOME, BACK, POWER and MENU Keys.

Gallery will be part of Android DevKit core applications

Launcher will be part of Android DevKit core applications

Global Search will be part of Android DevKit core applications

Settings application helps to configure Sound, Display and various OOB settings

IO

Android DevKit supports Touchscreen

Android DevKit supports Mouse

Processor Speed

Android DevKit supports Cortex A8 ARM up to Maximum Frequency

Android DevKit supports SGX up to Maximum Frequency

1 Test Suite : Compliance

Test Case amsdkA-403: Google's Compliance Test Suite(CTS) **Automated**

Summary:

This is to verify platform MUST pass the most recent version of the Android Compatibility Test Suite (CTS) available at the time of the device implementation's software is completed.

Last Result:	Passed
Build	2012-9-26
Tester	gt_amsdk_lead

Test Case amsdkA-1072: Google's CTS Verifier

Summary:

This is to verify platform MUST pass the most recent version of the Android Compatibility Test Suite (CTS) available at the time of the device implementation's

software is completed.

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes INSTALL_FAILED_MISSING_SHARED_LIBRARY

2 Test Suite : Compatibility

This test suite tries to validate system compatibility with Android per Google's Compatibility Definition Document (CDD) available at

<http://source.android.com/compatibility/android-2.1-cdd.pdf>

2.1 Test Suite : Reference Software

Test Case amsdkA-9: SDK's Calculator App

Summary:
Run Calculator app (from Google's SDK)
Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-10: SDK's LunarLander App

Summary:
Run LunarLander app (from Google's SDK)
Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-12: SDK's ApiDemos App

Summary:
Run ApiDemos app (from Google's SDK)
Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-13: Dalvik's Unit Tests

Summary:

Run Dalvik VM unit tests (from /dalvik/tests/)

Last Result: **Failed**

Build 2012-9-26

Tester gt_amsdk_lead

Testing notes
passed: 91 test(s)
failed: 2 test(s)
failed: 071-dexfile
failed: 095-switch-MAX_INT

Test Case amsdkA-384: Apps for android Amazed App

Summary:

Run Amazed app (from <http://code.google.com/p/apps-for-android/>)

Last Result: **Passed**

Build 2012-9-26

Tester gt_amsdk_lead

Test Case amsdkA-385: Apps for android AndroidGlobalTime App

Summary:

Run AndroidGlobalTime app (from
<http://code.google.com/p/apps-for-android/>)

Last Result: **Failed**

Build 2012-9-26

Tester gt_amsdk_lead

Test Case amsdkA-386: Apps for android AnyCut App

Summary:

Run AnyCut app (from <http://code.google.com/p/apps-for-android/>)

Last Result: **Failed**

Build 2012-9-26

Tester gt_amsdk_lead

Test Case amsdkA-387: Apps for android Clickin2DaBeat App

Summary:

Run Clickin2DaBeat app (from

<http://code.google.com/p/apps-for-android/>)

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-388: Apps for android DivideAndConquer App

Summary:

Run DivideAndConquer app (from
<http://code.google.com/p/apps-for-android/>)

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-389: Apps for android HeightMapProfiler App

Summary:

Run HeightMapProfiler app (from
<http://code.google.com/p/apps-for-android/>)

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-390: Apps for android LOLcat Builder App

Summary:

Run LOLcat Builder app (from
<http://code.google.com/p/apps-for-android/>)

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-391: Apps for android Panoramio App

Summary:

Run Panoramio app (from <http://code.google.com/p/apps-for-android/>)

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes [INSTALL_FAILED_MISSING_SHARED_LIBRARY]

Test Case amsdkA-392: Apps for android Photostream App

Summary:

Run Photostream app (from
<http://code.google.com/p/apps-for-android/>)

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-393: Apps for android Radar App

Summary:

Run Radar app (from <http://code.google.com/p/apps-for-android/>)

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-394: Apps for android RingsExtended App

Summary:

Run RingsExtended app (from
<http://code.google.com/p/apps-for-android/>)

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-396: Apps for android SpriteMethodTest App

Summary:

Run SpriteMethodTest app (from
<http://code.google.com/p/apps-for-android/>)

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-397: Apps for android Translate App

Summary:

Run Translate app (from <http://code.google.com/p/apps-for-android/>)

Last Result: **Passed**

Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-398: Apps for android WebViewDemo App

Summary:
Run WebViewDemo app (from
<http://code.google.com/p/apps-for-android/>)
Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-399: Apps for android WikiNotes App

Summary:
Run WikiNotes app (from <http://code.google.com/p/apps-for-android/>)
Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-233: Replica Island

Summary:

Run Replica Island Game
Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

2.2 Test Suite : Development Tools

Test Case amsdkA-14: ADB USB

Summary:
Use Android Debug Bridge (adb) tool to connect to the target via
USB port and install an application (.apk)
Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-15: ADB Ethernet

Summary:

Use Android Debug Bridge (adb) tool to connect to the target via ethernet port and install an application (.apk)

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-16: DDMS

Summary:

Use Dalvik Debug Monitor Service (DDMS) to watch processes running in the target, see process' threads, etc. Try to capture the device screen and to kill one process using DDMS.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

2.3 Test Suite : Multimedia

2.3.1 Test Suite : Audio

2.3.1.1 Test Suite : Decode

Test Case amsdkA-30: HE-AACv2(enhanced AAC+)

Summary:

Mono/Stereo content in any combination of standard bit rates up to 160 kbps and sampling rates between 8 to 48kHz. File Format is 3GPP (.3gp) and MPEG-4 (.mp4, .m4a). No support for raw AAC (.aac)

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-31: AMR-NB

Summary:

4.75 to 12.2 kbps, sampled @ 8kHz, in a 3GPP (.3gp) container

Last Result: **Passed**

Build 2012-9-26

Tester gt_amsdk_lead

Test Case amsdkA-33: MP3

Summary:

Mono/Stereo 8-320Kbps constant (CBR) or variable bit-rate (VBR) in a MP3 (.mp3) container

Last Result: **Passed**

Build 2012-9-26

Tester gt_amsdk_lead

Test Case amsdkA-34: MIDI

Summary:

MIDI Type 0 and 1. DLS Version 1 and 2. XMF and Mobile XMF. Support for ringtone formats RTTTTL/RTX, OTA and iMelody. File formats: Type 0 and 1 (.mid, .xmf, .mxmf). Also RTTTTL/RTX (.rtttl, .rtx), OTA (.ota), and iMelody (.imy)

Last Result: **Passed**

Build 2012-9-26

Tester gt_amsdk_lead

Test Case amsdkA-35: Ogg Vorbis

Summary:

Ogg Vorbis files in a Ogg (.ogg) container

Last Result: **Passed**

Build 2012-9-26

Tester gt_amsdk_lead

Test Case amsdkA-36: PCM

Summary:

8- and 16-bit linear PCM (rates up to limit of hardware) in a Wave
(.wav) container

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

2.3.2 Test Suite : Image

2.3.2.1 Test Suite : Decode

Test Case amsdkA-39: JPEG

Summary:

Display JPEG files using the Gallery app.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-40: PNG

Summary:

Display PNG image with Galllery app.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-41: GIF

Summary:

Display GIF image with Gallery app.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-42: BMP

Summary:

Display BMP Image with Gallery app.

Last Result: **Passed**

Build 2012-9-26

Tester gt_amsdk_lead

2.3.3 Test Suite : Video

2.3.3.1 Test Suite : Decode

Test Case amsdkA-44: H.263

Summary:

H.263 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-45: H.264

Summary:

H.264 files in 3GPP (.3gp) and MPEG-4 (.mp4) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Testing notes Test case PASS.

LOG PATH

Test Case amsdkA-46: MPEG4 SP

Summary:

MPEG4 Simple Profile files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-772: MPEG4_352x288_15mbps_aac

Summary:

H.264 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-774: H.264_704x576_4mbps_aac

Summary:

H.264 files in mpeg4 (.mp4) container

Last Result: **Failed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Testing notes Test case FAIL., mediaserver_Cpu_Load out of expected range: max-> 94.0 > 42.4473684210526 + 38.2415490529438 || min-> 6.0 < 42.4473684210526 - 38.2415490529438, mediaserver_Mem_Usage(RSS) out of expected range: max-> 11576.0 > 11228.2105263158 + 38.1626376607936 || min-> 11540.0 < 11228.2105263158 - 38.1626376607936

LOG PATH

Test Case amsdkA-775: H.264_640x360_4mbps_aac

Summary:

H.263 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-776: H.264_352x288_4mbps_aac

Summary:

H.264 files in 3GPP(.3gp) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-777: H.263_352x288_4mbps_aac

Summary:

H.263 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-779: MPEG4_176x144_15mbps_aac

Summary:

H.264 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-780: MPEG4_640x360_15mbps_aac

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-781: MPEG4_704x576_15mbps_aac

Summary:

H.263 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-782: MPEG4_720x480_15mbps_aac

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-784: H.264_720x480_4mbps_aac

Summary:

H.264 files in mpeg4 (.mp4) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-787: MPEG4_BigBuckBunny

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

3 Test Suite : Performance

This test suite tries to measure key performance metrics in different areas:

1. System
2. Graphics
3. Browser

3.1 Test Suite : System

Test Case amsdkA-117: Boot time

Summary:

Measure the time it takes since kernel image starts being downloaded until Android home screen appears.

Last Result: **Passed**

Build 2012-9-26

Tester gt_amsdk_lead
Testing notes First boot: 151.6 sec

Other: 38.3 sec

Test Case amsdkA-593: Quadrant Benchmark

Summary:

Install and run aurorasoftworks Quadrant benchamrk

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

3.2 Test Suite : 0xBench

Test Case amsdkA-89: 0xBench Math Linpack test

Summary:

0xBench Math Linpack test.

Last Result: **Failed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes MathLinpack performance data collected successfully, linpack out of expected range: max-> 12.955617580572 > 13.3337236 + 0.0870083243367214 || min-> 12.955617580572 < 13.3337236 - 0.0870083243367214, cpu_load out of expected range: max-> 95.5882352941177 > 63.6778741428571 + 24.2475715707942 || min-> 59.9009900990099 < 63.6778741428571 - 24.2475715707942

LOG PATH

Test Case amsdkA-90: 0xBench Math Scimark2 test

Summary:

0xBench Math Scimark2 test.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes

MathScimark2 performance data collected successfully
Performance data was NOT compared

LOG PATH

Test Case amsdkA-91: 0xBench 2D Draw Canvas test

Summary:

0xBench 2D Draw Canvas test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-92: 0xBench 2D Draw Circle test

Summary:

0xBench 2D Draw Circle test.

Last Result: **Failed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Testing notes 2DDrawCircle performance data collected successfully, drawcircle out of expected range: max-> 35.8380126953125 > 44.5630458333333 + 8.61519289434659 || min-> 35.6209945678711 < 44.5630458333333 - 8.61519289434659, cpu_load out of expected range: max-> 94.1176470588235 > 91.3186043469388 + 5.43674618383155 || min-> 83.6633663366337 < 91.3186043469388 - 5.43674618383155

LOG PATH

Test Case amsdkA-93: 0xBench 2D Draw Circle2 test

Summary:

0xBench 2D Draw Circle2 test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-94: 0xBench 2D Draw Rect test

Summary:

0xBench 2D Draw Rect test.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-95: 0xBench 2D Draw Arc test

Summary:

0xBench 2D Draw Arc test.

Last Result: **Failed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes 2DDrawArc performance data collected successfully, drawarc out of expected range: max-> 48.4261512756348 > 50.826615375 + 2.14540995664515 || min-> 48.383975982666 < 50.826615375 - 2.14540995664515, cpu_load out of expected range: max-> 95.609756097561 > 80.9030586046512 + 12.1312075260975 || min-> 57.6354679802956 < 80.9030586046512 - 12.1312075260975

LOG PATH

Test Case amsdkA-96: 0xBench 2D Draw Image test

Summary:

0xBench 2D Draw Image test.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-97: 0xBench 2D Draw Text test

Summary:

0xBench2D Draw Text test.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-98: 0xBench 3D OpenGL Cube test

Summary:

0xBench 3D OpenGL Cube test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-99: 0xBench 3D OpenGL Blending test

Summary:

0xBench 3D OpenGL Blending test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-100: 0xBench 3D OpenGL Fog test

Summary:

0xBench 3D OpenGL Fog test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

**Test Case amsdkA-101: 0xBench 3D OpenGL Flying Teapot
test**

Summary:

0xBench 3D OpenGL Flying Teapot test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-102: 0xBench VM Garbage Collection test

Summary:

0xBench VM Garbage Collection test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

3.3 Test Suite : Browser

Measure browser performance using publicly available tools.

Test Case amsdkA-262: Acid3 tests

Summary:

Measure Browser functionality and performance by running
<http://acid3.acidtests.org/> tests

Last Result:	Passed
Build	2012-10-15-4.1.2
Tester	gt_amsdk_lead
Testing notes	100/100

Test Case amsdkA-115: Sunspider test

Summary:

Measure Javascript performance by running
<http://www2.webkit.org/perf/sunspider/sunspider.html> tests

Last Result:	Passed
Build	2012-10-15-4.1.2
Tester	gt_amsdk_lead
Testing notes	Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-263: Kraken test

Summary:

Measure Browser Javascript performance by running
<http://krakenbenchmark.mozilla.org/index.html> tests

Last Result: **Failed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes SIGTERM

LOG PATH

Test Case amsdkA-264: V8 Browser performance test

Summary:

Measure Javascript performance by running
<http://v8.googlecode.com/svn/data/benchmarks/v6/run.html> tests

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

3.4 Test Suite : RowboPerf

Various Performance metrics

Test Case amsdkA-118: Dhrystone

Summary:

Measure Dhrystone bechmark

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes 1666666.6

Test Case amsdkA-119: Whetstone

Summary:

Measure Whetstone metric

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes 400

Test Case amsdkA-120: Linpack

Summary:

Measure Linpack metrics

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Test case PASSED.

LOG PATH

3.5 Test Suite : adb

Android Debug Bridge performance.

Before running each automated test case, the user MUST set enable in the target and in the host PC, the desire adb connection type (i.e. usb or ethernet).

The test cases do not take care of setting the adb type but instead will use the default adb connectivity available.

Test Case amsdkA-121: adb USB Performance

Summary:

Measure Android Debug bridge performance using USB connection

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-122: adb ethernet Performance

Summary:

Measure Android Debug bridge performance using ethernet connection

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Mean-TX=3989.4 Mean-RX=5925.7Performance data was NOT compared

LOG PATH

3.6 Test Suite : Storage

Read and Write performance tests

3.6.1 Test Suite : USB

Test Case amsdkA-265: USB vfat partition write/read test with a block size of 512 bytes and a file of size 104857600 bytes

Summary:

USB vfat partition write/read test with a block size of 512 bytes and a file of size 104857600 bytes

Last Result: **Failed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes StorageIO performance data collected successfully, write_rate_512 out of expected range: max-> 9353100.0 > 9964810.0 + 375229.382046502 || min-> 9353100.0 < 9964810.0 - 375229.382046502, read_rate_512 out of expected range: max-> 7258590.5 > 7366381.16666667 + 98861.7749701572 || min-> 7258590.5 < 7366381.16666667 - 98861.7749701572, cpu_load out of expected range: max-> 100.0 > 96.284721575 + 6.82155900857092 || min-> 51.5151515151515 < 96.284721575 - 6.82155900857092

LOG PATH

Test Case amsdkA-266: USB vfat partition write/read test with a block size of 4096 bytes and a file of

Summary:

---- Warning ----

TestLink Warning

test case name is too long (101 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 4096 bytes and a file of size 104857600 bytes

---- *** ----

testreport AM335xSK_JB_4.1

USB vfat partition write/read test with a block size of 4096 bytes and a file of size 104857600 bytes

Last Result: **Failed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes StorageIO performance data collected successfully, write_rate_4096 out of expected range: max-> 19371440.0 > 21596315.0 + 1171422.79219844 || min-> 19371440.0 < 21596315.0 - 1171422.79219844, read_rate_4096 out of expected range: max-> 9503136.0 > 9380624.0 + 118670.902659414 || min-> 9503136.0 < 9380624.0 - 118670.902659414, cpu_load out of expected range: max-> 97.6076555023923 > 90.1980475555555 + 6.87668094095718 || min-> 59.8984771573604 < 90.1980475555555 - 6.87668094095718

LOG PATH

Test Case amsdkA-267: USB vfat partition write/read test with a block size of 16384 bytes and a file o

Summary:

---- Warning ----

TestLink Warning

test case name is too long (102 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 16384 bytes and a file of size 104857600 bytes

---- *** ----

USB vfat partition write/read test with a block size of 16384 bytes and a file of size 104857600 bytes

Last Result: **Failed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes StorageIO performance data collected successfully, write_rate_16384 out of expected range: max-> 23479086.0 > 26266456.0 + 702278.656084606 || min-> 23479086.0 < 26266456.0 - 702278.656084606, read_rate_16384 out of expected range: max-> 9189168.0 > 9762846.0 + 21210.3750084717 || min-> 9189168.0 < 9762846.0 - 21210.3750084717, cpu_load out of expected range: max-> 96.0591133004926 > 75.9086564444444 + 13.2107464574856 || min-> 46.3302752293578 < 75.9086564444444 - 13.2107464574856

LOG PATH

Test Case amsdkA-268: USB vfat partition write/read test with a block size of 65536 bytes and a file o

Summary:

---- Warning ----

TestLink Warning

test case name is too long (102 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 65536 bytes and a file of size 104857600 bytes

---- *** ----

USB vfat partition write/read test with a block size of 65536 bytes and a file of size 104857600 bytes

Last Result: **Failed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfully, write_rate_65536 out of expected range: max-> 23712710.0 > 26490003.0 + 756817.802117524 || min-> 23712710.0 < 26490003.0 - 756817.802117524, read_rate_65536 out of expected range: max-> 9207727.0 > 10009328.0 + 14863.3845405412 || min-> 9207727.0 < 10009328.0 - 14863.3845405412, cpu_load out of expected range: max-> 93.8775510204082 > 71.1565331666667 + 13.7372023194621 || min-> 43.3179723502304 < 71.1565331666667 - 13.7372023194621

LOG PATH

Test Case amsdkA-269: USB vfat partition write/read test with a block size of 524288 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (103 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 524288 bytes and a file of size 104857600 bytes

---- *** ----

USB vfat partition write/read test with a block size of 524288 bytes and a file of size 104857600 bytes

Last Result: **Failed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfully, write_rate_524288 out of expected range: max-> 23096388.0 > 26548325.0 + 684192.278835416 || min-> 23096388.0 < 26548325.0 - 684192.278835416, read_rate_524288 out of expected range: max-> 9170684.0 > 9844684.5 + 75157.672665537 || min-> 9170684.0 < 9844684.5 - 75157.672665537, cpu_load out of expected

testreport AM335xSK_JB_4.1

range: max-> 95.6521739130435 > 69.265951 + 14.8133969238119 || min->
45.2127659574468 < 69.265951 - 14.8133969238119

LOG PATH

Test Case amsdkA-270: USB vfat partition write/read test with a block size of 1048576 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (104 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 1048576 bytes and a file of size 104857600 bytes

---- *** ----

USB vfat partition write/read test with a block size of 1048576 bytes and a file of size 104857600 bytes

Last Result: **Failed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfully, write_rate_1048576 out of expected range: max-> 23526498.0 > 26638711.0 + 507152.539816178 || min-> 23526498.0 < 26638711.0 - 507152.539816178, read_rate_1048576 out of expected range: max-> 9175499.0 > 9776028.5 + 134039.868548503 || min-> 9175499.0 < 9776028.5 - 134039.868548503, cpu_load out of expected range: max-> 94.6859903381642 > 68.1668820555556 + 15.7995451029668 || min-> 48.3695652173913 < 68.1668820555556 - 15.7995451029668

LOG PATH

Test Case amsdkA-888: USB vfat partition write/read test with a block size of 102400 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (104 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 102400 bytes and a file of size 104857600 bytes

---- *** ----

USB vfat partition write/read test with a block size of 102400 bytes and a file of size 104857600 bytes

Last Result: **Failed**

testreport AM335xSK_JB_4.1

Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes StorageIO performance data collected successfully, write_rate_102400 out of expected range: max-> 22874694.0 > 26540722.0 + 773950.999425674 || min-> 22874694.0 < 26540722.0 - 773950.999425674, read_rate_102400 out of expected range: max-> 9120431.0 > 9681353.0 + 139038.406384711 || min-> 9120431.0 < 9681353.0 - 139038.406384711, cpu_load out of expected range: max-> 94.2028985507246 > 71.4876708888889 + 14.0552544641295 || min-> 46.875 < 71.4876708888889 - 14.0552544641295

LOG PATH

Test Case amsdkA-889: USB vfat partition write/read test with a block size of 262144 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (104 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 262144 bytes and a file of size 104857600 bytes

---- *** ----

USB vfat partition write/read test with a block size of 262144 bytes and a file of size 104857600 bytes

Last Result: **Failed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfully, write_rate_262144 out of expected range: max-> 23121852.0 > 26418523.0 + 818545.395687985 || min-> 23121852.0 < 26418523.0 - 818545.395687985, read_rate_262144 out of expected range: max-> 9180319.0 > 9724666.0 + 154310.498644778 || min-> 9180319.0 < 9724666.0 - 154310.498644778, cpu_load out of expected range: max-> 96.0975609756098 > 70.0418377777778 + 14.7206312021125 || min-> 40.5555555555556 < 70.0418377777778 - 14.7206312021125

LOG PATH

Test Case amsdkA-890: USB vfat partition write/read test with a block size of 5242880 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (104 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 5242880 bytes and a file of size 104857600 bytes

---- *** ----

USB vfat partition write/read test with a block size of 5242880 bytes and a file of size 104857600 bytes

Last Result: **Failed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfully, write_rate_5242880 out of expected range: max-> 22914686.0 > 26515802.0 + 407700.799469415 || min-> 22914686.0 < 26515802.0 - 407700.799469415, read_rate_5242880 out of expected range: max-> 9263039.0 > 9849397.5 + 266811.894638339 || min-> 9263039.0 < 9849397.5 - 266811.894638339, cpu_load out of expected range: max-> 95.1690821256039 > 68.7094468823529 + 15.4778915575149 || min-> 55.5555555555556 < 68.7094468823529 - 15.4778915575149

LOG PATH

3.6.2 Test Suite : MMC/SD

Test Case amsdkA-277: MMC/SD vfat partition write/read test with a block size of 512 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (103 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 512 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 512 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-278: MMC/SD vfat partition write/read test with a block size of 4096 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (104 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 4096 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 4096 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-279: MMC/SD vfat partition write/read test with a block size of 16384 bytes and a fil

Summary:

---- Warning ----

TestLink Warning

test case name is too long (105 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 16384 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 16384 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-280: MMC/SD vfat partition write/read test with a block size of 65536 bytes and a fil

Summary:

---- Warning ----

TestLink Warning

test case name is too long (105 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 65536 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 65536 bytes and a file of size 104857600 bytes

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-281: MMC/SD vfat partition write/read test
with a block size of 524288 bytes and a fi**

Summary:

---- Warning ----

TestLink Warning

test case name is too long (106 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 524288
bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 524288
bytes and a file of size 104857600 bytes

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-282: MMC/SD vfat partition write/read test
with a block size of 1048576 bytes and a f**

Summary:

---- Warning ----

TestLink Warning

test case name is too long (107 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 1048576
bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 1048576
bytes and a file of size 104857600 bytes

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-891: MMC/SD vfat partition write/read test
with a block size of 5242880 bytes and a file**

Summary:

---- Warning ----

TestLink Warning

test case name is too long (103 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 5242880 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 5242880 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-892: MMC/SD vfat partition write/read test with a block size of 102400 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (103 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 102400 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 102400 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-893: MMC/SD vfat partition write/read test with a block size of 262144 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (103 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 262144 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 262144 bytes and a file of size 104857600 bytes

Last Result: **Failed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

3.7 Test Suite : Power

This Test Suite Measure power consumption under different scenarios.

It is required to have a Keithley 2000 Multimeter with a scan card with at least 5 channels.

The channels must be connected as described in the attached document.

See test cases for more details.

3.7.1 Test Suite : DVFS-Conservative

Test Case amsdkA-1518: Idle power performance with FULL_WAKE_LOCK

Summary:

Acquire FULL WakeLock and measure power w/out running any other application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Broken pipe

LOG PATH

Test Case amsdkA-1519: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

Acquire SCREEN_BRIGHT WakeLock and measure power w/out running any other application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

Test Case amsdkA-1520: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

Acquire SCREEN_DIM WakeLock and measure power w/out running any other application

Last Result: **Passed**

Build 2012-9-26

Tester gt_amsdk_lead

Testing notes Power Performance data collected Performance data was NOT compared

LOG PATH

Test Case amsdkA-1521: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power w/out running any other application

Last Result: **Passed**

Build 2012-9-26

Tester gt_amsdk_lead

Testing notes Power Performance data collected Performance data was NOT compared

LOG PATH

Test Case amsdkA-1522: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Passed**

Build 2012-9-26

Tester gt_amsdk_lead

Testing notes Power Performance data collected Performance data was NOT compared

LOG PATH

Test Case amsdkA-1523: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

Test Case amsdkA-1524: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

Test Case amsdkA-1066: Idle power performance with all governor 275KHz

Summary:

Acquire FULL WakeLock and measure power w/out running any other application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max->
466.27458314576 > 286.653316793201 + 60.1421179550798 || min->
384.522087715513 < 286.653316793201 - 60.1421179550798

LOG PATH

Test Case amsdkA-1063: Idle power performance with all governor 720KHz

Summary:

Acquire FULL WakeLock and measure power w/out running any other application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes

Power Performance data collected, Total_Power out of expected range: max->
394.201985105648 > 318.733641019284 + 69.5957805993898 || min->
378.050007360766 < 318.733641019284 - 69.5957805993898, Total_Power
out of expected range: max-> 528.344240251825 > 318.733641019284 +
69.5957805993898 || min-> 384.613391097534 < 318.733641019284 -
69.5957805993898, Total_Power out of expected range: max->
260.51732161151 > 318.733641019284 + 69.5957805993898 || min->
240.929571475544 < 318.733641019284 - 69.5957805993898

LOG PATH

3.7.2 Test Suite : DVFS-Performance

Test Case amsdkA-315: Idle power performance with FULL_WAKE_LOCK

Summary:

Acquire FULL WakeLock and measure power w/out running any other
application

Last Result:	Passed
Build	2012-9-26
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected

LOG PATH

Test Case amsdkA-316: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

Acquire SCREEN_BRIGHT WakeLock and measure power w/out running
any other application

Last Result:	Passed
Build	2012-9-26
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected

LOG PATH

**Test Case amsdkA-317: Idle power performance with
SCREEN_DIM_WAKE_LOCK**

Summary:

Acquire SCREEN_DIM WakeLock and measure power w/out running any other application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

Test Case amsdkA-318: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power w/out running any other application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max->
394.016786822442 > 386.383599375 + 10.4938414154181 || min->
371.596998842265 < 386.383599375 - 10.4938414154181

LOG PATH

**Test Case amsdkA-319: Dhrystone power performance with
PARTIAL_WAKE_LOCK**

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

Test Case amsdkA-320: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

Test Case amsdkA-321: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

3.7.3 Test Suite : DVFS-Powersave

Test Case amsdkA-322: Idle power performance with FULL_WAKE_LOCK

Summary:

Acquire FULL WakeLock and measure power w/out running any other application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max->
301.511736498961 > 247.249095330645 + 9.92667307600302 || min->
250.028779775673 < 247.249095330645 - 9.92667307600302

LOG PATH

Test Case amsdkA-323: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

Acquire SCREEN_BRIGHT WakeLock and measure power w/out running any other application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max->
257.25529951094 > 251.314370470588 + 10.3190060404127 || min->
238.807867957887 < 251.314370470588 - 10.3190060404127

LOG PATH

Test Case amsdkA-324: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

Acquire SCREEN_DIM WakeLock and measure power w/out running any other application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max->
301.93978639173 > 250.63721783908 + 9.90484122351624 || min->
246.855769174406 < 250.63721783908 - 9.90484122351624

LOG PATH

Test Case amsdkA-325: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power w/out running any other application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max->
300.879460726911 > 251.281395472527 + 8.93008958989022 || min->
248.60057339477 < 251.281395472527 - 8.93008958989022

LOG PATH

Test Case amsdkA-326: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max->
264.242309425301 > 250.670796561798 + 10.264548240717 || min->
250.849853615194 < 250.670796561798 - 10.264548240717

LOG PATH

Test Case amsdkA-327: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max->
301.68616462134 > 250.893742333333 + 8.77713809461599 || min->
249.466395107564 < 250.893742333333 - 8.77713809461599

LOG PATH

Test Case amsdkA-328: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

3.7.4 Test Suite : DVFS-userspace

3.7.4.1 Test Suite : 275KHz

Test Case amsdkA-1015: Idle power performance with FULL_WAKE_LOCK

Summary:

Acquire FULL WakeLock and measure power w/out running any other application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max-> 280.781828416273 > 249.76949594382 + 9.5907419239305 || min-> 250.809736120487 < 249.76949594382 - 9.5907419239305

LOG PATH

Test Case amsdkA-1016: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

Acquire SCREEN_BRIGHT WakeLock and measure power w/out running any other application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max-> 296.397159763557 > 250.979278865854 + 9.26979632604583 || min-> 250.83097433139 < 250.979278865854 - 9.26979632604583

LOG PATH

Test Case amsdkA-1017: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

Acquire SCREEN_DIM WakeLock and measure power w/out running any other application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max-> 308.513395316965 > 250.675476034483 + 9.37185705086314 || min-> 250.235724827895 < 250.675476034483 - 9.37185705086314

LOG PATH

Test Case amsdkA-1018: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power w/out running any other application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

Test Case amsdkA-1019: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

Test Case amsdkA-1020: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max-> 311.381169474027 > 251.441150084337 + 9.26188756117318 || min-> 251.749037968209 < 251.441150084337 - 9.26188756117318

LOG PATH

Test Case amsdkA-1021: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Last Result: **Failed**

Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max->
311.420255167163 > 250.963017941176 + 10.0599243434288 || min->
251.588664087206 < 250.963017941176 - 10.0599243434288

LOG PATH

3.7.4.2 Test Suite : 500KHz

Test Case amsdkA-1000: Idle power performance with FULL_WAKE_LOCK

Summary:

Acquire FULL WakeLock and measure power w/out running any other application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

Test Case amsdkA-1001: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

Acquire SCREEN_BRIGHT WakeLock and measure power w/out running any other application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max->
329.51605013209 > 294.031647663043 + 9.42940195983832 || min->
295.016494436771 < 294.031647663043 - 9.42940195983832

LOG PATH

Test Case amsdkA-1002: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

Acquire SCREEN_DIM WakeLock and measure power w/out running any other application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

Test Case amsdkA-1003: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power w/out running any other application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

Test Case amsdkA-1004: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max-> 304.574722758614 > 295.327383634409 + 9.24533869856038 || min-> 284.616697361873 < 295.327383634409 - 9.24533869856038

LOG PATH

Test Case amsdkA-1005: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Last Result: **Passed**

Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

Test Case amsdkA-1006: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

3.7.4.3 Test Suite : 720KHz

Test Case amsdkA-985: Idle power performance with FULL_WAKE_LOCK

Summary:

Acquire FULL WakeLock and measure power w/out running any other application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max->
394.130933446093 > 390.978880124088 + 12.428255971856 || min->
370.71950720972 < 390.978880124088 - 12.428255971856

LOG PATH

**Test Case amsdkA-986: Idle power performance with
SCREEN_BRIGHT_WAKE_LOCK**

Summary:

Acquire SCREEN_BRIGHT WakeLock and measure power w/out running
any other application

Last Result: **Passed**

Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

**Test Case amsdkA-987: Idle power performance with
SCREEN_DIM_WAKE_LOCK**

Summary:

Acquire SCREEN_DIM WakeLock and measure power w/out running any other application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

**Test Case amsdkA-988: Idle power performance with
PARTIAL_WAKE_LOCK**

Summary:

Acquire PARTIAL WakeLock and measure power w/out running any other application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

Test Case amsdkA-989: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes

Power Performance data collected, Total_Power out of expected range: max->
394.3299174054 > 391.02414079562 + 10.0345795628448 || min->
380.089010119783 < 391.02414079562 - 10.0345795628448

LOG PATH

Test Case amsdkA-990: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

Test Case amsdkA-991: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

3.7.4.4 Test Suite : 600KHz

**Test Case amsdkA-353: Idle power performance with
FULL_WAKE_LOCK**

Summary:

Acquire FULL WakeLock and measure power w/out running any other application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Testing notes Power Performance data collected

LOG PATH

**Test Case amsdkA-354: Idle power performance with
SCREEN_BRIGHT_WAKE_LOCK**

Summary:

Acquire SCREEN_BRIGHT WakeLock and measure power w/out running
any other application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

**Test Case amsdkA-355: Idle power performance with
SCREEN_DIM_WAKE_LOCK**

Summary:

Acquire SCREEN_DIM WakeLock and measure power w/out running any
other application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

**Test Case amsdkA-356: Idle power performance with
PARTIAL_WAKE_LOCK**

Summary:

Acquire PARTIAL WakeLock and measure power w/out running any other
application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

Test Case amsdkA-357: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max-> 353.66348588385 > 341.751839444444 + 9.74942519917658 || min-> 338.032247324146 < 341.751839444444 - 9.74942519917658

LOG PATH

Test Case amsdkA-358: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

Test Case amsdkA-359: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

3.7.5 Test Suite : DVFS-Ondemand(default)

Test Case amsdkA-308: Idle power performance with FULL_WAKE_LOCK

Summary:

Acquire FULL WakeLock and measure power w/out running any other application

Last Result: **Failed**

Build 2012-9-26

Tester gt_amsdk_lead

Testing notes Power Performance data collected, Total_Power out of expected range: max->
259.50368786577 > 248.126017767442 + 9.52731676892479 || min->
235.431172413289 < 248.126017767442 - 9.52731676892479

LOG PATH

Test Case amsdkA-309: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

Acquire SCREEN_BRIGHT WakeLock and measure power w/out running any other application

Last Result: **Passed**

Build 2012-9-26

Tester gt_amsdk_lead

Testing notes Power Performance data collected

LOG PATH

Test Case amsdkA-310: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

Acquire SCREEN_DIM WakeLock and measure power w/out running any other application

Last Result: **Failed**

Build 2012-9-26

Tester gt_amsdk_lead

Testing notes Power Performance data collected, Total_Power out of expected range: max->
268.683173578036 > 252.18997425 + 9.51684625541442 || min->
250.769894838238 < 252.18997425 - 9.51684625541442

LOG PATH

**Test Case amsdkA-311: Idle power performance with
PARTIAL_WAKE_LOCK**

Summary:

Acquire PARTIAL WakeLock and measure power w/out running any other application

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

**Test Case amsdkA-312: Dhrystone power performance with
PARTIAL_WAKE_LOCK**

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

Test Case amsdkA-313: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected, Total_Power out of expected range: max->
277.252526650231 > 250.627313354839 + 10.997177035395 || min->
251.250718804034 < 250.627313354839 - 10.997177035395

LOG PATH

Test Case amsdkA-314: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collected

LOG PATH

3.7.6 Test Suite : Suspend mode

Test Case amsdkA-335: SUSPEND MODE power consumption sleep_while_idle disabled and enable_off_mode disabled

Summary:

Measure power while system is in SUSPEND mode

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

Test Case amsdkA-336: SUSPEND MODE power consumption sleep_while_idle enabled and enable_off_mode enabled

Summary:

Measure power while system is in SUSPEND mode

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

3.8 Test Suite : WLAN

Measure wireless LAN performance using NETPERF.

The Setup involves connecting the DUT to an access point that has a Linux system connected to it via Ethernet switch. Netserver is run at the Linux Host, while netperf is run at the DUT.

More information about NETPERF is available at <http://www.netperf.org/netperf/NetperfPage.html>

3.8.1 Test Suite : Non-secure

Test Case amsdkA-292: WLAN Non-secure, TCP Stream, Buffer size 1024

Summary:

WLAN Non-secure test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-293: WLAN Non-secure, TCP Stream, Buffer size 4096

Summary:

WLAN Non-secure test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-294: WLAN Non-secure, TCP Stream, Buffer size 8192

Summary:

WLAN Non-secure test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-894: WLAN Non-secure, TCP Stream,
Buffer size 16 KB**

Summary:

WLAN Non-secure test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-895: WLAN Non-secure, TCP Stream,
Buffer size 32 KB**

Summary:

WLAN Non-secure test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-896: WLAN Non-secure, TCP Stream,
Buffer size 64 KB**

Summary:

WLAN Non-secure test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-897: WLAN Non-secure, TCP Stream,
Buffer size 128 KB**

Summary:

WLAN Non-secure test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

3.8.2 Test Suite : WEP 40 bits

Test Case amsdkA-295: WLAN WEP 40 bits, TCP Stream, Buffer size 1024

Summary:

WLAN WEP 40 bits test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-296: WLAN WEP 40 bits, TCP Stream, Buffer size 4096

Summary:

WLAN WEP 40 bits test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-297: WLAN WEP 40 bits, TCP Stream, Buffer size 8192

Summary:

WLAN WEP 40 bits test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-898: WLAN WEP 40 bits, TCP Stream, Buffer size 16 KB

Summary:

WLAN WEP 40 bits test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-899: WLAN WEP 40 bits, TCP Stream,
Buffer size 32 KB**

Summary:

WLAN WEP 40 bits test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-900: WLAN WEP 40 bits, TCP Stream,
Buffer size 64 KB**

Summary:

WLAN WEP 40 bits test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-901: WLAN WEP 40 bits, TCP Stream,
Buffer size 128 KB**

Summary:

WLAN WEP 40 bits test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

3.8.3 Test Suite : WEP 128 bits

**Test Case amsdkA-298: WLAN WEP 128 bits, TCP Stream,
Buffer size 1024**

Summary:

WLAN WEP 128 bits test, measures TCP bandwidth between
Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-299: WLAN WEP 128 bits, TCP Stream,
Buffer size 4096**

Summary:

WLAN WEP 128 bits test, measures TCP bandwidth between
Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-300: WLAN WEP 128 bits, TCP Stream,
Buffer size 8192**

Summary:

WLAN WEP 128 bits test, measures TCP bandwidth between
Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-902: WLAN WEP 128 bits, TCP Stream,
Buffer size 16 KB**

Summary:

WLAN WEP 128 bits test, measures TCP bandwidth between
Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-903: WLAN WEP 128 bits, TCP Stream,
Buffer size 32 KB**

Summary:

WLAN WEP 128 bits test, measures TCP bandwidth between
Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-904: WLAN WEP 128 bits, TCP Stream,
Buffer size 64 KB**

Summary:

WLAN WEP 128 bits test, measures TCP bandwidth between
Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-905: WLAN WEP 128 bits, TCP Stream,
Buffer size 128 KB**

Summary:

WLAN WEP 128 bits test, measures TCP bandwidth between
Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

3.8.4 Test Suite : WPA-PSK

**Test Case amsdkA-301: WLAN WPA-PSK, TCP Stream,
Buffer size 1024**

Summary:

WLAN WPA-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-302: WLAN WPA-PSK, TCP Stream,
Buffer size 4096**

Summary:

WLAN WPA-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-303: WLAN WPA-PSK, TCP Stream,
Buffer size 8192**

Summary:

WLAN WPA-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-906: WLAN WPA-PSK, TCP Stream,
Buffer size 16 KB**

Summary:

WLAN WPA-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-907: WLAN WPA-PSK, TCP Stream,
Buffer size 32 KB**

Summary:

WLAN WPA-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-908: WLAN WPA-PSK, TCP Stream,
Buffer size 64 KB**

Summary:

WLAN WPA-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-909: WLAN WPA-PSK, TCP Stream,
Buffer size 128 KB**

Summary:

WLAN WPA-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

3.8.5 Test Suite : WPA2-PSK

**Test Case amsdkA-304: WLAN WPA2-PSK, TCP Stream,
Buffer size 1024**

Summary:

WLAN WPA2-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-305: WLAN WPA2-PSK, TCP Stream,
Buffer size 4096**

Summary:

WLAN WPA2-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-306: WLAN WPA2-PSK, TCP Stream,
Buffer size 8192**

Summary:

WLAN WPA2-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-910: WLAN WPA2-PSK, TCP Stream,
Buffer size 16 KB**

Summary:

WLAN WPA2-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

**Test Case amsdkA-911: WLAN WPA2-PSK, TCP Stream,
Buffer size 32 KB**

Summary:

WLAN WPA2-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

**Test Case amsdkA-912: WLAN WPA2-PSK, TCP Stream,
Buffer size 64 KB**

Summary:

WLAN WPA2-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

**Test Case amsdkA-913: WLAN WPA2-PSK, TCP Stream,
Buffer size 128 KB**

Summary:

WLAN WPA2-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

3.9 Test Suite : Imbench

Test Case amsdkA-1073: LMBench test

Summary:

LMBench test.

Last Result: **Failed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Testing notes Imbench data collected successfully , bw_mem-bzero-1MB out of expected range: max-> 874.77 > 1005.6175 + 119.825173586355 || min-> 874.77 < 1005.6175 - 119.825173586355, bw_mem-bcopy-1MB out of expected range: max-> 109.22 > 156.4925 + 14.4763378771473 || min-> 109.22 < 156.4925 - 14.4763378771473, bw_file_rd-o2c-1MB out of expected range: max-> 158.26 > 177.4625 + 15.475652651827 || min-> 158.26 < 177.4625 - 15.475652651827, lat_mem_rd-stride128-sz50 out of expected range: max-> 4.678 > 4.4085 + 0.226369167511831 || min-> 4.678 < 4.4085 -

0.226369167511831, lat_mem_rd-stride128-sz250K out of expected range: max-> 59.19 > 109.258 + 42.1922305723064 || min-> 59.19 < 109.258 - 42.1922305723064, lat_mem_rd-stride128-sz500K out of expected range: max-> 235.619 > 214.83125 + 14.9840552226914 || min-> 235.619 < 214.83125 - 14.9840552226914, lat_ops-int-bit out of expected range: max-> 1.54 > 1.445 + 0.0660807586719959 || min-> 1.54 < 1.445 - 0.0660807586719959, lat_ops-int-add out of expected range: max-> 1.54 > 1.4525 + 0.061846584384267 || min-> 1.54 < 1.4525 - 0.061846584384267, lat_ops-int-div out of expected range: max-> 100.46 > 87.7275 + 4.7945620237931 || min-> 100.46 < 87.7275 - 4.7945620237931, lat_ops-int-mod out of expected range: max-> 33.86 > 32.16 + 1.49343005639152 || min-> 33.86 < 32.16 - 1.49343005639152, lat_ops-int64-bit out of expected range: max-> 1.56 > 1.4825 + 0.0684957419601195 || min-> 1.56 < 1.4825 - 0.0684957419601195, lat_ops-int64-add out of expected range: max-> 1.77 > 1.665 + 0.0873689494805409 || min-> 1.77 < 1.665 - 0.0873689494805409, lat_ops-int64-mul out of expected range: max-> 2.11 > 1.9725 + 0.112657297440812 || min-> 2.11 < 1.9725 - 0.112657297440812, lat_ops-int64-mod out of expected range: max-> 285.18 > 259.5475 + 17.901401015935 || min-> 285.18 < 259.5475 - 17.901401015935, lat_ops-float-add out of expected range: max-> 33.22 > 31.2975 + 1.494286340253 || min-> 33.22 < 31.2975 - 1.494286340253, lat_ops-float-mul out of expected range: max-> 24.59 > 23.0625 + 1.18173248523797 || min-> 24.59 < 23.0625 - 1.18173248523797, lat_ops-float-div out of expected range: max-> 128.03 > 121.235 + 6.31071839544967 || min-> 128.03 < 121.235 - 6.31071839544967, lat_ops-double-mul out of expected range: max-> 38.52 > 36.505 + 1.60209238185559 || min-> 38.52 < 36.505 - 1.60209238185559, lat_ops-double-div out of expected range: max-> 703.17 > 656.165 + 29.5429286519364 || min-> 703.17 < 656.165 - 29.5429286519364, lat_sig-install out of expected range: max-> 0.6068 > 0.569 + 0.0259871763247445 || min-> 0.6068 < 0.569 - 0.0259871763247445, lat_syscall-write out of expected range: max-> 0.9686 > 0.9194 + 0.0326984199414402 || min-> 0.9686 < 0.9194 - 0.0326984199414402, lat_syscall-null out of expected range: max-> 0.4652 > 0.43745 + 0.0205263245614016 || min-> 0.4652 < 0.43745 - 0.0205263245614016

LOG PATH

3.10 Test Suite : Netperf

Tool to measure TCP/UDP bandwidth.

More information available at <http://www.netperf.org/netperf/NetperfPage.html>

3.10.1 Test Suite : TCP

TCP bandwidth

Test Case amsdkA-105: TCP Stream, Buffer size 16 KB

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-106: TCP Stream, Buffer size 32 KB

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-107: TCP Stream, Buffer size 64 KB

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-108: TCP Stream, Buffer size 128 KB

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-109: TCP Stream, Buffer size 256

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-110: TCP Stream, Buffer size 512

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-111: TCP Stream, Buffer size 1024

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-112: TCP Stream, Buffer size 4096

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-113: TCP Stream, Buffer size 8192

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

3.10.2 Test Suite : UDP

Test Case amsdkA-1074: UDP Stream, Buffer size 16 KB

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-1075: UDP Stream, Buffer size 32 KB

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-1076: UDP Stream, Buffer size 64 KB

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-1077: UDP Stream, Buffer size 128 KB

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-1078: UDP Stream, Buffer size 256

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-1079: UDP Stream, Buffer size 512

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-1080: UDP Stream, Buffer size 1024

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-1081: UDP Stream, Buffer size 4096

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-1082: UDP Stream, Buffer size 8192

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

3.11 Test Suite : Graphics

Test Case amsdkA-1505: IMG's OGLES2ChameleonMan FPS performance

Summary:

Measure FPS of IMG OGLES2ChameleonMan demo

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-1506: IMG's OGLES2Coverflow FPS performance

Summary:

Measure FPS of IMG OGLES2Coverflow demo

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-1507: IMG's OGLES2Shaders FPS performance

Summary:

Measure FPS of IMG OGLES2Shaders demo

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-1508: IMG's OGLESVase FPS performance

Summary:
Measure FPS of IMG OGLESVase demo
Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

4 Test Suite : Stress

4.1 Test Suite : Monkey

Monkey tool

Test Case amsdkA-307: Monkey System Stress

Summary:

Stress Test the system using the monkey tool
Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Crash(es) reported for [] No response(s) reported [["com.android.browser", "pid 4965", "com.android.browser/.BrowserActivity", "keyDispatchingTimedOut"]]

LOG PATH

4.2 Test Suite : wireless

Test Case amsdkA-599: wifi_data and Video/audio playing for long time

Summary:

Data is send over the wireless while video is playing.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

Test Case amsdkA-594: bluetooth

Summary:

This stress test case, stress the system by enabling and disabling bluetooth interface 1000 times and verifying connectivity.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

Test Case amsdkA-595: wifi_open

Summary:

This test case stress the system by enabling , configuring and checking connectivi and finally disabling for 1000 times.

This is non secure connection setup.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

Test Case amsdkA-596: wifi_wpa-psk

Summary:

This test case stresses the stystem by enabling, configuring , checking connectivity and finally disabling for 1000 times.

This is WPA-PSK enabled communication. This test should run with 100% success.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

Test Case amsdkA-597: wifi_open and bluetooth

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

Test Case amsdkA-598: wifi_wpa-psk and bluetooth

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

4.3 Test Suite : power

Test Case amsdkA-788: graphic_suspend_resume

Summary:

This test case is to verify that graphic continue running after system resumes from suspend.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Suspend-Resume Stress Test=100.0

LOG PATH

Test Case amsdkA-789: ethernet_suspend_resume

Summary:

This test case is to verify that ethernet continues running after system resumes from suspend.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Suspend-Resume Stress Test=100.0

LOG PATH

Test Case amsdkA-790: wlan_suspend_resume

Summary:

This test case is to verify that wlan continues running after system resumes from suspend.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Suspend-Resume Stress Test=100.0

LOG PATH

Test Case amsdkA-791: video_suspend_resume

Summary:

This test case is to verify that video continues running after system resumes from suspend.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-792: mmc_suspend_resume

Summary:

This test case is to verify that, MMC function properly after system resume.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Suspend-Resume Stress Test=100.0

LOG PATH

Test Case amsdkA-793: usb suspend resume

Summary:

Test case verifies that usb continue to function properly after resume.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Suspend-Resume Stress Test=100.0

LOG PATH

4.4 Test Suite : media

Test Case amsdkA-670: Android Music Play

Summary:

This test case stress music play application.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-671: Android Video play

Summary:

This test case stress the video play application.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

4.5 Test Suite : Browser

Browser Stress test

Test Case amsdkA-602: Browser Stress test

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Web Browser Stress Test=480.0

LOG PATH

4.6 Test Suite : Graphics

Graphics related stress test.

Test Case amsdkA-603: Graphics Stress Test

Summary:

This test case stress the system by running all graphics application for a number of iteration.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Graphics Stress Test=100.0

LOG PATH

Test Case amsdkA-604: Graphics and Audio Stress Test

Summary:

This test case stresses the system by running all graphics applications and music.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-605: Graphics and Video Stress Test

Summary:

The test cases stresses the system running graphics and video applications.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-606: Graphics and Audio and video Stress Test

Summary:

This test case stress the system by running graphics, video and audio application.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

4.7 Test Suite : LAN

Stress test area for LAN

Test Case amsdkA-607: LAN_data and Video/audio playing for long time

Summary:

Data is send over the LAN while video is playing.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

Test Case amsdkA-663: 2-hr Network Stream Test

Summary:

Network Stream test

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-759: 5-min WLAN No Security Stream Test

Summary:

WLAN No Security Stream Test

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-763: 5-min Network Stream Test

Summary:

Network Stream test

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes All streams played successfully

LOG PATH

Test Case amsdkA-768: 2-hr WLAN No Security Stream Test

Summary:

WLAN No Security Stream Test

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

4.8 Test Suite : Device IO

Test Case amsdkA-1067: 2-hr File copy Stress test between peripherals

Summary:

File copy Stress test between peripherals, this test verifies multiple file copies between board peripherals for a long period of time

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Problem while copying file: Problem when copying file from mmc/sd to usb during sequence ["mmc/sd", "usb", "mmc/sd", "usb", "mmc/sd", "usb", "mmc/sd", "usb"]

LOG PATH

4.9 Test Suite : wireless_long_term

Test Case amsdkA-1046: Long term wifi_wpa-psk and bluetooth

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

Test Case amsdkA-1045: Long term wifi_open and bluetooth

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

Test Case amsdkA-1044: Long term bluetooth

Summary:

This stress test case, stress the system by enabling and disabling bluetooth interface 1000 times and verifying connectivity.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

Test Case amsdkA-1039: Long term wifi_open

Summary:

This test case stress the system by enabling , configuring and checking connectivi and finaly disabling for 1000 times.

This is non secure connection setup.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

Test Case amsdkA-1038: Long term wifi_wpa-psk

Summary:

This test case stresses the system by enabling, configuring , checking connectivity and finaly disabling for 1000 times.

This is WPA-PSK enabled communication. This test should run with 100% success.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

Test Case amsdkA-1047: Long term wifi_data and Video/audio playing for long time

Summary:

Data is send over the wireless while video is playing.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

4.10 Test Suite : graphics_long_term

Test Case amsdkA-1051: Long term Graphics and Audio and video Stress Test

Summary:

This test case stress the system by running graphics, video and audio application.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-1050: Long term Graphics and Video Stress Test

Summary:

The test cases stresses the system running graphics and video applications.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead
Testing notes Graphics Stress Test=100.0

LOG PATH

Test Case amsdkA-1049: Long term Graphics and Audio Stress Test

Summary:

This test case stresses the system by running all graphics applications and music.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-1048: Long term Graphics Stress Test

Summary:

This test case stress the system by running all graphics application for a number of iteration.

Last Result:	Passed
Build	2012-9-26
Tester	gt_amsdk_lead
Testing notes	Graphics Stress Test=100.0

LOG PATH

5 Test Suite : Functionality

Functional Test cases

5.1 Test Suite : System

Test Case amsdkA-70: System boot

Summary:

Verify that DUT boots fine w/ provided x-loader, u-boot, uImage and root filesystem

Last Result:	Passed
Build	2012-9-26
Tester	gt_amsdk_lead

Test Case amsdkA-71: System boot w/ console

Summary:

Verify that DUT boots fine w/ provided x-loader, u-boot, uImage and root filesystem and upon booting the Android console is available in the UART port

Last Result:	Passed
Build	2012-9-26
Tester	gt_amsdk_lead

Test Case amsdkA-86: OOB Demos

Summary:

Validate that the system provides icons to Demo Apps in the wallpaper upon booting

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-87: RootFS over NFS

Summary:

Validate that the DUT boots fine when using root filesystem over NFS

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

5.2 Test Suite : Bluetooth

Test Case amsdkA-669: BT-Stream music to bluetooth stereo headset

Summary:

Stream music to bluetooth stereo headset via A2DP profile

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-477: Bluetooth Object push

Summary:

Verify that you can transfer files to the device via a bluetooth connection

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-887: BT-Verify that HID devices are working as expected

Summary:

Verify that BT HID devices mouse and/or keyboard are recognized by the EVM and are working as expected

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

5.3 Test Suite : WLAN

Test Case amsdkA-929: Verify softAP functionality

Summary:

Verify that the device can be configured as a soft Access Point

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-930: Verify Wifi Direct functionality

Summary:

Verify Wifi direct functionality in the device

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead

5.4 Test Suite : Media/Picture Transfer Protocol (MTP, PTP)

Test Case amsdkA-1504: Media Transfer Protocol

Summary:

Verify that MTP functionality is working on the device

Last Result: **Passed**

Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-1509: Picture Transfer Protocol

Summary:

Verify that PTP functionality is working on the device

Last Result: **Passed**

Build 2012-9-26
Tester gt_amsdk_lead

5.5 Test Suite : Graphics

Test Case amsdkA-764: 3DAnimation

Summary:

Run the Animation3D.apk which is located on
gtautoftp/android/common/cdd_app.

This application demonstrates 3d graphics with animation.

Last Result: **Passed**

Build 2012-9-26
Tester gt_amsdk_lead

6 Test Suite : Miscellaneous

This test area list different kinds of test cases.

Test Case amsdkA-610: Music application lists songs.

Summary:

Music application lists songs based on artists, genre and displays
album graphic.

Last Result: **Passed**

Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-611: Music application lists Songs from External Storage and Recorded

Summary:

Music application lists Songs from External Storage and Recorded Sounds.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-612: Camera will be part of Android DevKit core applications

Summary:

Camera will be part of Android DevKit core applications.

Last Result: **Failed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-613: Dev Tools will be part of Android DevKit core applications

Summary:

Dev Tools will be part of Android DevKit core applications.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-614: ICONS for standard applications will be placed on main window

Summary:

ICONS for standard applications will be placed on main window.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-615: Security will be turned ON in Android Layer

Summary:

Security will be turned ON in Android Layer

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-617: Android DevKit should contain Sources for Linux Kernel

Summary:

Android DevKit should contain Sources for Linux Kernel

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-618: The DevKit installer should work on a ubuntu Linux host machine

Summary:

The DevKit installer should work on a ubuntu Linux host machine

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-619: Links to support infrastructure on e2e and rowboat to be provided

Summary:

Links to support infrastructure on e2e and rowboat to be provided

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-620: Email will be part of Android DevKit core applications

Summary:

Email will be part of Android DevKit core applications

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-621: Links to raise defects against this release should be provided

Summary:

Links to raise defects against this release should be provided

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-624: Calendar will be part of Android DevKit core applications

Summary:

Calendar will be part of Android DevKit core applications.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-625: Android home screen contains Launcher -

Summary:

Android home screen contains Launcher - gateway to all applications

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-626: Android home screen contains Global Search Bar

Summary:

Android home screen contains Global Search Bar

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-627: Android Home Screen contains Tips widget to give important Tips

Summary:

Android Home Screen contains Tips widget to give important Tips

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-628: Additional Widgets can be added to Home Screen by a long press on

Summary:

Additional Widgets can be added to Home Screen by a long press on the Blank area of Home Screen

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-629: Multiple Home Screen (5 Screens)

Summary:

Multiple Home Screen (5 Screens)

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-630: Slidable Status bar

Summary:

Slidable Status bar Indicating Time, System Events on top of the Home Screen

Last Result: **Passed**

Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-631: Wallpaper can be changed

Summary:

Wallpaper can be changed by pressing long on the Blank area of Home Screen

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-632: Keypad contains HOME, BACK, POWER and MENU Keys.

Summary:

Keypad contains HOME, BACK, POWER and MENU Keys.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-633: Gallery will be part of Android DevKit core applications

Summary:

Gallery will be part of Android DevKit core applications

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-634: Launcher will be part of Android DevKit core applications

Summary:

Launcher will be part of Android DevKit core applications

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-635: Global Search will be part of Android DevKit core applications

Summary:

Global Search will be part of Android DevKit core applications

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-636: Settings application helps to configure Sound, Display and various OOB settings

Summary:

Settings application helps to configure Sound, Display and various OOB settings

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

7 Test Suite : IO

IO related manual test cases.

Test Case amsdkA-642: Android DevKit supports Touchscreen

Summary:

Android DevKit supports Touchscreen

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-643: Android DevKit supports Mouse

Summary:

Android DevKit supports Mouse

Last Result: **Passed**

Build 2012-9-26
Tester gt_amsdk_lead

8 Test Suite : Processor Speed

Test Case amsdkA-647: Android DevKit supports Cortex A8 ARM up to Maximum Frequency

Summary:

Android DevKit supports Cortex A8 ARM up to Maximum Frequency.

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead

Test Case amsdkA-648: Android DevKit supports SGX up to Maximum Frequency

Summary:

Android DevKit supports SGX up to Maximum Frequency

Last Result: **Passed**
Build 2012-9-26
Tester gt_amsdk_lead