AM335xSK_ICS_4.0.3

Test Report

Project: amsdk_android

Author: gt_amsdk_lead

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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

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

Multiple Home Screen (5 Screens)

Slidable Status bar

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 OOBE settings

Control/informative

Hardware Volume Controls

IO

Android DevKit supports Touchscreen

Android DevKit supports Mouse

Processor Speed

Android DevKit supports Cortex A8 ARM up to Maximum Frequancy

Android DevKit supports SGX up to Maximum Frequancy

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	2012-6-14
Tester	gt_amsdk_lead

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	2012-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-10: SDK's LunarLander App

Summary:
Run LunarLander app (from Google's SDK)

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-12: SDK's ApiDemos App

Summary:
Run ApiDemos app (from Google's SDK)

Last Result:	**Passed**
Build	2012-6-14
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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	passed: 86 test(s)
	failed: 2 test(s)
	failed: 030-bad-finalizer
	failed: 089-jumbo-opcodes

Test Case amsdkA-384: Apps for android Amazed App

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

Last Result:	**Failed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	App settings do not fit screen

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	does not compile

Test Case amsdkA-386: Apps for android AnyCut App

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

Last Result: **Passed**

Build   2012-6-14

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   2012-6-14

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   2012-6-14

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   2012-6-14

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   2012-6-14

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   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Failure [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   2012-6-14

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   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Failure [INSTALL_FAILED_MISSING_SHARED_LIBRARY]

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   2012-6-14

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   2012-6-14
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   2012-6-14
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   2012-6-14
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   2012-6-14
Tester   gt_amsdk_lead

Test Case amsdkA-233: Replica Island

Summary:

Run Replica Island Game

Last Result: **Passed**
Build   2012-6-14
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   2012-6-14

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   2012-6-14

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   2012-6-14

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 Fortmat is 3GPP (.3gp) and MPEG-4 (.mp4, .m4a). No support for raw AAC (.aac)

Last Result: **Passed**

Build   2012-6-14

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   2012-6-14

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   2012-6-14

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 RTTTL/RTX, OTA and iMelody. File formats: Type 0 and 1 (.mid, .xmf, .mxmf). Also RTTTL/RTX (.rtttl, .rtx), OTA (.ota), and iMelody (.imy)

Last Result: **Passed**

Build   2012-6-14

Tester   gt_amsdk_lead

Test Case amsdkA-35: Ogg Vorbis

Summary:

Ogg Vorbis files in a Ogg (.ogg) container

Last Result: **Passed**

Build   2012-6-14

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   2012-6-14

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   2012-6-14

Tester   gt_amsdk_lead

Test Case amsdkA-40: PNG

Summary:

Display PNG image with Galllery app.

Last Result: **Passed**

Build   2012-6-14

Tester   gt_amsdk_lead

Test Case amsdkA-41: GIF

Summary:

Display GIF image with Gallery app.

Last Result: **Passed**
Build   2012-6-14
Tester   gt_amsdk_lead

Test Case amsdkA-42: BMP

Summary:

Display BMP Image with Gallery app.

Last Result: **Passed**
Build   2012-6-14
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   2012-6-14
Tester   gt_amsdk_lead
Testing notes   Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-45: H.264

Summary:

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

Last Result: **Passed**
Build   2012-6-14
Tester   gt_amsdk_lead

Testing notes   Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-46: MPEG4 SP

Summary:

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

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-772: MPEG4_352x288_15mbps_aac

Summary:

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

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-774: H.264_704x576_4mbps_aac

Summary:

H.264 files in mpeg4 (.mp4) container

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-775: H.264_640x360_4mbps_aac

Summary:

H.264 files in mpeg4 (.mp4) container

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-776: H.264_352x288_4mbps_aac

Summary:

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

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-777: H.263_352x288_4mbps_aac

Summary:

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

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-779: MPEG4_176x144_15mbps_aac

Summary:

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

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Test case PASS.Performance data was NOT compared

2.3.3.1 Test Suite : Decode

Test Case amsdkA-780: MPEG4_640x360_15mbps_aac

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Test case PASS.Performance data was NOT compared

Test Case amsdkA-781: MPEG4_704x576_15mbps_aac

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Test case PASS.Performance data was NOT compared

Test Case amsdkA-782: MPEG4_720x480_15mbps_aac

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Test case PASS.Performance data was NOT compared

Test Case amsdkA-784: H.264_720x480_4mbps_aac

Summary:

H.264 files in mpeg4 (.mp4) container

Last Result: **Passed**

Build   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-787: MPEG4_BigBuckBunny

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**

Build   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Test case PASS.Performance data was NOT compared

LOG PATH

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   2012-6-14

Tester   gt_amsdk_lead

Testing notes   First boot: 283 sec

Other: 48 sec

Test Case amsdkA-593: Quadrant Benchmark

Summary:

Install and run aurorasoftworks Quadrant benchamrk

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead

3.2 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	2012-6-14
Tester	gt_amsdk_lead

3.3 Test Suite : 0xBench

Test Case amsdkA-89: 0xBench Math Linpack test

Summary:

0xBench Math Linpack test.

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	MathLinpack performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-90: 0xBench Math Scimark2 test

Summary:

0xBench Math Scimark2 test.

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	MathScimark2 performance data collected successfullyPerformance 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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	2DDrawCanvas performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

0xBench 2D Draw Circle test.

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	2DDrawCircle performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

0xBench 2D Draw Circle2 test.

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	2DDrawCircle2 performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

0xBench 2D Draw Rect test.

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	2DDrawRect performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

0xBench 2D Draw Arc test.

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	2DDrawArc performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

0xBench 2D Draw Image test.

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	

2DDrawImage performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

0xBench2D Draw Text test.

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	2DDrawText performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

0xBench 3D OpenGL Cube test.

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	3DOpenGLCube performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

0xBench 3D OpenGL Blending test.

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	3DOpenGLBlending performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

0xBench 3D OpenGL Fog test.

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	3DOpenGLFog performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

0xBench 3D OpenGL Flying Teapot test.

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	3DOpenGLTeapot performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

0xBench VM Garbage Collection test.

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	VMGC performance data collected successfullyPerformance data was NOT compared

LOG PATH

3.4 Test Suite : Netperf

Tool to measure TCP/UDP bandwidth.

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

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 16384 149.82 Performance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 32768 155.15 Performance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 65536 148.91 Performance data was NOT compared

LOG PATH

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

3.4 Test Suite : Netperf

Summary:

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

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 131072 150.27 Performance data was NOT compared

LOG PATH

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:	**Failed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Performance is less than 30.0 Mb/s. AVG Throughput=0.41 Buffer Size Throughput 256 0.41 Performance data was NOT compared

LOG PATH

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:	**Failed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Performance is less than 30.0 Mb/s. AVG Throughput=0.41 Buffer Size Throughput 512 0.41 Performance data was NOT compared

LOG PATH

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:	**Failed**
Build	2012-6-14

Tester   gt_amsdk_lead

Testing notes   Performance is less than 30.0 Mb/s. AVG Throughput=0.41 Buffer Size
                        Throughput 1024 0.41 Performance data was NOT compared

                    LOG PATH

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   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Buffer Size Throughput 4096 149.15 Performance data was NOT compared

                    LOG PATH

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   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Buffer Size Throughput 8192 164.29 Performance data was NOT compared

                    LOG PATH

3.5 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   2012-6-14
Tester   gt_amsdk_lead
Testing notes   Test case PASS.Performance data was NOT compared

LOG PATH

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   2012-6-14
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   2012-6-14
Tester   gt_amsdk_lead
Testing notes   SIGTERM

LOG PATH

Test Case amsdkA-264: V8 Browser peformance test

Summary:

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

Last Result: **Passed**
Build   2012-6-14
Tester   gt_amsdk_lead
Testing notes   Test case PASS.Performance data was NOT compared

LOG PATH

3.6 Test Suite : RowboPerf

Various Performance metrics

Test Case amsdkA-118: Dhrystone

Summary:

Measure Dhrystone bechmark
Last Result: **Passed**
Build   2012-6-14
Tester   gt_amsdk_lead
Testing notes   Test case PASS.

LOG PATH

Test Case amsdkA-119: Whetstone

Summary:

Measure Whetstone metric
Last Result: **Passed**
Build   2012-6-14
Tester   gt_amsdk_lead
Testing notes   Test case PASS.

LOG PATH

Test Case amsdkA-120: Linpack

Summary:

Measure Linpack metrics
Last Result: **Passed**

Build   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Test case PASS.

              LOG PATH

3.7 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   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Mean-TX=3947.3 Mean-RX=5766.9Performance data was NOT compared

              LOG PATH

Test Case amsdkA-122: adb ethernet Performance

Summary:

Measure Android Debug bridge performance using ethernet connection

Last Result: **Passed**

Build   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Mean-TX=3995.0 Mean-RX=5148.8Performance data was NOT compared

              LOG PATH

3.8 Test Suite : Storage

Read and Write performance tests

3.8.1 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: **Passed**

Build   2012-6-14

Tester   gt_amsdk_lead

Testing notes   StorageIO performance data collected successfully

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
---- *** ----

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

Last Result: **Passed**

Build   2012-6-14

Tester   gt_amsdk_lead

Testing notes   StorageIO performance data collected successfullyPerformance data was NOT compared

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:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfullyPerformance data was NOT compared

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:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfullyPerformance data was NOT compared

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

3.8.1 Test Suite : USB

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:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfullyPerformance data was NOT compared

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:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfullyPerformance data was NOT compared

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

3.8.1 Test Suite : USB

38

bytes
---- *** ----

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

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfullyPerformance data was NOT compared

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:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfullyPerformance data was NOT compared

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
---- *** ----

3.8.1 Test Suite : USB   39

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

Last Result: **Passed**

Build   2012-6-14

Tester   gt_amsdk_lead

Testing notes   StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

3.8.2 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: **Failed**

Build   2012-6-14

Tester   gt_amsdk_lead

Testing notes   StorageIO performance data collected successfully, cpu_load: 22.8070175438597 > 14.774775

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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	2012-6-14

Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

3.9 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 swicth. 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

3.9.1 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	2012-6-14
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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 4096 13.17 Performance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 8192 19.78 Performance data was NOT compared

LOG PATH

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**

3.9.1 Test Suite : Non-secure

Build   2012-6-14
Tester   gt_amsdk_lead
Testing notes   Buffer Size Throughput 16384 26.22 Performance data was NOT compared

LOG PATH

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   2012-6-14
Tester   gt_amsdk_lead
Testing notes   Buffer Size Throughput 32768 31.98 Performance data was NOT compared

LOG PATH

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   2012-6-14
Tester   gt_amsdk_lead
Testing notes   Buffer Size Throughput 65536 32.69 Performance data was NOT compared

LOG PATH

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   2012-6-14
Tester   gt_amsdk_lead
Testing notes   Buffer Size Throughput 131702 32.36 Performance data was NOT compared

3.9.1 Test Suite : Non-secure   46

3.9.2 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	2012-6-14
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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 4096 11.14 Performance data was NOT compared

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 8192 16.05 Performance data was NOT compared

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 16384 20.11 Performance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 32768 21.08 Performance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 65536 21.15 Performance data was NOT compared

LOG PATH

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   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Buffer Size Throughput 131702 21.26 Performance data was NOT compared

LOG PATH

3.9.3 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   2012-6-14

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   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Buffer Size Throughput 4096 11.17 Performance data was NOT compared

LOG PATH

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   2012-6-14

Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 8192 16.1 Performance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 16384 20.11 Performance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 32768 21.08 Performance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 65536 21.18 Performance data was NOT compared

LOG PATH

3.9.3 Test Suite : WEP 128 bits

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   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Buffer Size Throughput 131702 21.31 Performance data was NOT compared

LOG PATH

3.9.4 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   2012-6-14

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   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Buffer Size Throughput 4096 10.73 Performance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 8192 15.71 Performance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 16384 20.05 Performance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 32768 20.92 Performance data was NOT compared

LOG PATH

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   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Buffer Size Throughput 65536 21.06 Performance data was NOT compared

LOG PATH

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   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Buffer Size Throughput 131702 21.18 Performance data was NOT compared

LOG PATH

3.9.5 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   2012-6-14

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   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Buffer Size Throughput 4096 11.82 Performance data was NOT compared

                       LOG PATH

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   2012-6-14
Tester   gt_amsdk_lead
Testing notes   Buffer Size Throughput 8192 17.29 Performance data was NOT compared

                       LOG PATH

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   2012-6-14
Tester   gt_amsdk_lead
Testing notes   Buffer Size Throughput 16384 23.31 Performance data was NOT compared

                       LOG PATH

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   2012-6-14
Tester   gt_amsdk_lead
Testing notes   Buffer Size Throughput 32768 28.76 Performance data was NOT compared

                       LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 65536 29.62 Performance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 131702 29.37 Performance data was NOT compared

LOG PATH

3.10 Test Suite : Gadget

Test Case amsdkA-927: Android Gadget

Summary:

Measure throughput of file copy operations when the dut is operating as an Android Gadget

Last Result:	**Failed**
Build	2012-6-14
Tester	gt_amsdk_lead

3.11 Test Suite : lmbench

Test Case amsdkA-1073: LMBench test

Summary:

LMBench test.

Last Result:	**Passed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	lmbench data collected successfully Performance data was NOT compared

LOG PATH

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	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Crash(es) reported for [] No response(s) reported [["com.android.settings", "pid 284", "com.android.settings/.DevelopmentSettings", "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	2012-6-14

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 inteface 1000 times and verifying connectivity.

Last Result: **Passed**

Build   2012-6-14

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 connectiviy and finaly disabling for 1000 times.

This is non secure connection setup.

Last Result: **Passed**

Build   2012-6-14

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 finaly disabling for 1000 times.

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

Last Result: **Passed**

Build   2012-6-14

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   2012-6-14

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   2012-6-14

Tester   gt_amsdk_lead

Testing notes   Success Wireless Enable Disable Stress Test=100.0

        LOG PATH

4.3 Test Suite : media

Test Case amsdkA-670: Android Music Play

Summary:

This test case stress music play application.

Last Result: **Passed**

Build   2012-6-14

Tester   gt_amsdk_lead

Test Case amsdkA-671: Android Video play

Summary:

This test case stress the video play application.

Last Result: **Passed**
Build   2012-6-14
Tester   gt_amsdk_lead

4.4 Test Suite : Browser

Browser Stress test

Test Case amsdkA-602: Browser Stres test

Last Result: **Passed**
Build   2012-6-14
Tester   gt_amsdk_lead
Testing notes   Web Browser Stress Test=480.0

LOG PATH

4.5 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   2012-6-14
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   2012-6-14
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   2012-6-14
Tester   gt_amsdk_lead
Testing notes   Graphics Stress Test=100.0

LOG PATH

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   2012-6-14
Tester   gt_amsdk_lead

4.6 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   2012-6-14
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:	**Failed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Iteration 1, Stream FILE@TS/big_buck_bunny_480p_surround-fix.avi did not play or did not finish on the expected time execution expired Iteration 1, Stream FILE@TS/ed_480p.avi did not play or did not finish on the expected time execution expired Iteration 1, Stream FILE@TS/mindfields_low_osx.avi did not play or did not finish on the expected time execution expired Iteration 1, Stream FILE@TS/Plumiferos_persecucion_casting.mpg did not play or did not finish on the expected time execution expired Iteration 1, Stream FILE@TS/Sago_ManInMan.avi did not play or did not finish on the expected time execution expired Iteration 2, Stream FILE@TS/big_buck_bunny_480p_surround-fix.avi did not play or did not finish on the expected time execution expired Iteration 2, Stream FILE@TS/ed_480p.avi did not play or did not finish on the expected time execution expired Iteration 2, Stream FILE@TS/mindfields_low_osx.avi did not play or did not finish on the expected time execution expired Iteration 2, Stream FILE@TS/Plumiferos_persecucion_casting.mpg did not play or did not finish on the expected time execution expired Iteration 2, Stream FILE@TS/Sago_ManInMan.avi did not play or did not finish on the expected time execution expired Iteration 3, Stream FILE@TS/big_buck_bunny_480p_surround-fix.avi did not play or did not finish on the expected time execution expired Iteration 3, Stream FILE@TS/ed_480p.avi did not play or did not finish on the expected time execution expired Iteration 3, Stream FILE@TS/mindfields_low_osx.avi did not play or did not finish on the expected time execution expired Iteration 3, Stream FILE@TS/Plumiferos_persecucion_casting.mpg did not play or did not finish on the expected time execution expired Iteration 3, Stream FILE@TS/Sago_ManInMan.avi did not play or did not finish on the expected time execution expired Iteration 4, Stream FILE@TS/big_buck_bunny_480p_surround-fix.avi did not play or did not finish on the expected time execution expired Iteration 4, Stream FILE@TS/ed_480p.avi did not play or did not finish on the expected time execution expired

LOG PATH

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

Summary:

WLAN No Security Stream Test

Last Result:	**Failed**
Build	2012-6-14
Tester	gt_amsdk_lead

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

Summary:

Network Stream test

Last Result:	**Failed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Iteration 1, Stream FILE@TS/big_buck_bunny_480p_surround-fix.avi did not play or did not finish on the expected time SIGTERM

LOG PATH

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

Summary:

WLAN No Security Stream Test

Last Result:	**Failed**
Build	2012-6-14
Tester	gt_amsdk_lead

4.7 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	2012-6-14
Tester	gt_amsdk_lead

Testing notes   adb connectivity lost

4.8 Test Suite : wireless_long_term

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

Last Result: **Passed**

Build   2012-6-14

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   2012-6-14

Tester   linux_psp_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 inteface 1000 times and verifying connectivity.

Last Result: **Passed**

Build   2012-6-14

Tester   linux_psp_lead

Test Case amsdkA-1039: Long term wifi_open

Summary:

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

This is non secure connection setup.

Last Result:	**Passed**
Build	2012-6-14
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 stystem 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	2012-6-14
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	2012-6-14
Tester	linux_psp_lead

4.9 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: **Failed**
Build   2012-6-14
Tester   gt_amsdk_lead
Testing notes   SIGTERM

LOG PATH

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: **Failed**
Build   2012-6-14
Tester   gt_amsdk_lead
Testing notes   This is the default result comment. Use function set_result to set this comment

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   2012-6-14
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   2012-6-14
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   2012-6-14

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   2012-6-14

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   2012-6-14

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:	**Failed**
Build	2012-6-14
Tester	gt_amsdk_lead
Testing notes	Board does not boot with nfs file system

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	2012-6-14
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	2012-6-14
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	2012-6-14
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 sotf Access Point

Last Result: **Failed**

Build   2012-6-14

Tester   gt_amsdk_lead

Test Case amsdkA-930: Verify Wifi Direct functionality

Summary:

Verify Wifi direct functionality in the device

Last Result: **Passed**

Build   2012-6-14

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   2012-6-14

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	2012-6-14
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:	**Passed**
Build	2012-6-14
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	2012-6-14
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	2012-6-14
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   2012-6-14
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   2012-6-14
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   2012-6-14
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   2012-6-14
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   2012-6-14

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   2012-6-14

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   2012-6-14

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   2012-6-14

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   2012-6-14

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   2012-6-14

Tester   gt_amsdk_lead

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

Summary:

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

Last Result: **Passed**

Build   2012-6-14

Tester   gt_amsdk_lead

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

Summary:

Multiple Home Screen (5 Screens)

Last Result: **Passed**

Build   2012-6-14

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   2012-6-14

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   2012-6-14

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   2012-6-14

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   2012-6-14

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   2012-6-14

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   2012-6-14

Tester   gt_amsdk_lead

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

Summary:

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

Last Result: **Passed**

Build   2012-6-14

Tester   gt_amsdk_lead

7 Test Suite : Control/informative

Test Case amsdkA-638: Hardware Volume Controls

Summary:

Android DevKit supports Hardware Volume Controls

Last Result: **Failed**

Build   2012-6-14

Tester   gt_amsdk_lead

8 Test Suite : IO

IO related maual test cases.

Test Case amsdkA-642: Android DevKit supports Touchscreen

Summary:

Android DevKit supports Touchscreen

Last Result: **Passed**

Build   2012-6-14
Tester   gt_amsdk_lead

Test Case amsdkA-643: Android DevKit supports Mouse

Summary:

Android DevKit supports Mouse

Last Result: **Passed**
Build   2012-6-14
Tester   gt_amsdk_lead

9 Test Suite : Processor Speed

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

Summary:

Android DevKit supports Cortex A8 ARM up to Maximum Frequancy.

Last Result: **Passed**
Build   2012-6-14
Tester   gt_amsdk_lead

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

Summary:

Android DevKit supports SGX up to Maximum Frequancy

Last Result: **Passed**
Build   2012-6-14
Tester   gt_amsdk_lead

Reports and Metrics