System Testing Report

Test Descriptions

Name	Description	Blocker
Audio tests		
audio/alsa_info_collect	Collect audio-related system information. This data can be used to simulate this computer's audio subsystem and perform more detailed tests under a controlled environment.	
audio/alsa_record_playback_automated	Play back a sound on the default output and listen for it on the default input.	Blocker
audio/alsa_record_playback_external	PURPOSE: This test will check that recording sound using an external microphone works correctly STEPS: 1. Connect a microphone to your microphone port 2. Click "Test", then speak into the external microphone 3. After a few seconds, your speech will be played back to you VERIFICATION: Did you hear your speech played back?	Blocker
audio/alsa_record_playback_internal	PURPOSE: This test will check that recording sound using the onboard microphone works correctly STEPS: 1. Disconnect any external microphones that you have plugged in 2. Click "Test", then speak into your internal microphone 3. After a few seconds, your speech will be played back to you. VERIFICATION: Did you hear your speech played back?	Blocker
audio/list_devices	Test to detect audio devices	
audio/microphone-plug-detection	PURPOSE: Check that system detects a microphone being plugged in STEPS: 1. Prepare a microphone with a standard 3.5mm jack 2. Locate the microphone jack on the device under test. Keep in mind that it may be shared with the headphone jack. 3. Run the test (you have 30 seconds from now on) 4. Plug the microphone into the appropriate jack 5. Unplug the device for subsequent tests. VERIFICATION: Verification is automatic, no action is required. The test times out after 30 seconds (and fails in that case).	Blocker
audio/playback_auto	PURPOSE: This test will check that internal speakers work correctly STEPS: 1. Make sure that no external speakers or headphones are connected When testing a desktop, you can skip this test if there is no internal speaker, we will test the external output later 2. Click the Test button to play a brief tone on your audio device VERIFICATION: Did you hear a tone?	Blocker
audio/playback_displayport	PURPOSE: DisplayPort audio interface verification STEPS: 1. Plug an external DisplayPort device with sound (Use only one HDMI/DisplayPort interface at a time for this test) 2. Click the Test button VERIFICATION: Did you hear the sound from the DisplayPort device?	Blocker
audio/playback_hdmi	PURPOSE: HDMI audio interface verification STEPS: 1. Plug an external HDMI device with sound (Use only one HDMI/DisplayPort interface at a time for this test) 2. Click the Test button VERIFICATION: Did you hear the sound from the HDMI device?	Blocker
audio/playback_headphones	PURPOSE: This test will check that headphones connector works correctly STEPS: 1. Connect a pair of headphones to your audio device 2. Click the Test button to play a sound to your audio device VERIFICATION: Did you hear a sound through the headphones and did the sound play without any distortion, clicks or other strange noises from your headphones?	Blocker
audio/speaker-headphone-plug-detection	PURPOSE: Check that system detects speakers or headphones being plugged in STEPS: 1. Prepare a pair of headphones or speakers with a standard 3.5mm jack 2. Locate the speaker / headphone jack on the device under test 3. Run the test (you have 30 seconds from now on) 4. Plug headphones or speakers into the appropriate jack 5. Unplug the device for subsequent tests. VERIFICATION: Verification is automatic, no action is required. The test times out after 30 seconds (and fails in that case).	Blocker
Benchmarks tests		
benchmarks/graphics/gtkperf	Run gtkperf to make sure that GTK based test cases work	
Benchmark for each disk		
benchmarks/disk/hdparm-cache-read	This test runs hdparm timing of cache reads as a benchmark	
Benchmark for each disk		
benchmarks/disk/hdparm-read	This test runs hdparm timing of device reads as a benchmark	
Bluetooth tests		
bluetooth/HID	PURPOSE: This test will check that you can use a BlueTooth HID device STEPS: 1. Enable either a BT mouse or keyboard 2. Click on the bluetooth icon in the menu bar 3. Select 'Setup new device' 4. Look for the device in the list and select it 5. For mice, perform actions such as moving the pointer, right and left button clicks and double clicks 6. For keyboards, click the Test button to lauch a small tool. Enter some text into the tool and close it. VERIFICATION: Did the device work as expected?	

bluetooth/audio	PURPOSE:
	    This test will check that you can record and hear audio using a bluetooth audio device
	STEPS:
	    1. Enable the bluetooth headset
	    2. Click on the bluetooth icon in the menu bar
	    3. Select 'Setup new device'
	    4. Look for the device in the list and select it
	    5. In the device write the PIN code automatically chosen by the wizard
	    6. The device should pair with the computer
	    7. Click the sound icon
	    8. Click "Sound Settings"
	    9. Select device and ensure Quality is set to "HSP/HFP"
	    10. Click "Test" to record for five seconds and reproduce in the bluetooth device
	VERIFICATION:
	    Did you hear the sound you recorded in the bluetooth
		Blocker

bluetooth/browse-files	PURPOSE:
	    This test will check that bluetooth connection works correctly
	STEPS:
	    1. Enable bluetooth on any mobile device (PDA, smartphone, etc.)
	    2. Click on the bluetooth icon in the menu bar
	    3. Select 'Setup new device'
	    4. Look for the device in the list and select it
	    5. In the device write the PIN code automatically chosen by the wizard
	    6. The device should pair with the computer
	    7. Right-click on the bluetooth icon and select browse files
	    8. Authorize the computer to browse the files in the device if needed
	    9. You should be able to browse the files
	VERIFICATION:
	    Did all the steps work?
		Blocker

bluetooth/detect-output	Automated test to store bluetooth device information in checkbox report	Blocker

bluetooth/file-transfer	PURPOSE:
	    This test will check that you can transfer information through a bluetooth connection
	STEPS:
	    1. Make sure that you're able to browse the files in your mobile device
	    2. Copy a file from the computer to the mobile device
	    3. Copy a file from the mobile device to the computer
	VERIFICATION:
	    Were all files copied correctly?
		Blocker

Camera tests

camera/detect	This Automated test attempts to detect a camera.	Blocker

camera/display	PURPOSE:
	    This test will check that the built-in camera works
	STEPS:
	    1. Click on Test to display a video capture from the camera for ten seconds.
	VERIFICATION:
	    Did you see the video capture?
		Blocker

camera/multiple-resolution-images	Takes multiple pictures based on the resolutions supported by the camera and validates their size and that they are of a valid format.	Blocker

camera/still	PURPOSE:
	    This test will check that the built-in camera works
	STEPS:
	    1. Click on Test to display a still image from the camera for ten seconds.
	VERIFICATION:
	    Did you see the image?
		Blocker

CPU tests

cpu/clocktest	Test for clock jitter.	
cpu/cstates	Run Firmware Test Suite (fwts) cstates tests.	Blocker
cpu/maxfreq_test	Test that the CPU can run at its max frequency using Firmware Test Suite (fwts cpufreq).	Blocker
cpu/offlining_test	Test offlining CPUs in a multicore system.	Blocker
cpu/scaling_test	Test the CPU scaling capabilities using Firmware Test Suite (fwts cpufreq).	Blocker
cpu/topology	This test checks cpu topology for accuracy	Blocker

Disk tests

disk/detect	Detects and displays disks attached to the system.	Blocker
disk/hdd-parking	PURPOSE: This test checks that a systems drive protection mechanism works properly. STEPS: 1. Click on Test 2. Move the system under test around, ensuring it is raised and lowered at some point. VERIFICATION: The verification of this test is automated. Do not change the automatically selected result.	

Verify system storage performs at or above baseline performance

disk/read_performance_sda	Disk performance test for HGST HTS725050A7E630	Blocker

SMART test

disk/smart_sda	This tests the SMART capabilities for HGST HTS725050A7E630 (Note that this test will not work against hardware RAID)	Blocker

Check stats changes for each disk

disk/stats_sda	This test checks disk stats, generates some activity and rechecks stats to verify they've changed. It also verifies that disks appear in the various files they're supposed to.	

Verify that storage devices, such as Fibre Channel and RAID can be detected and perform under stress.

disk/storage_device_sda	Disk I/O stress test for HGST HTS725050A7E630	Blocker

eSATA disk tests

esata/insert	PURPOSE:
	    This test will check the system can detect the insertion of an eSATA HDD
	STEPS:
	    1. Click 'Test' to begin the test. This test will
	    timeout and fail if the insertion has not been detected within 20 seconds.
	    2. Plug an eSATA HDD into an available eSATA port.
	VERIFICATION:
	    The verification of this test is automated. Do not change the automatically
	    selected result
		Blocker

esata/remove	PURPOSE:
	    This test will check the system can detect the removal of an eSATA HDD
	STEPS:
	    1. Click 'Test' to begin the test. This test will timeout and fail if
	    the removal has not been detected within 20 seconds.
	    2. Remove the previously attached eSATA HDD from the eSATA port.
	VERIFICATION:
	    The verification of this test is automated. Do not change the automatically
	    selected result
		Blocker

esata/storage-test	This is an automated test which performs read/write operations on an attached eSATA HDD	Blocker

Ethernet Device tests

ethernet/detect	Test to detect the available network controllers	Blocker

ExpressCard tests

expresscard/verification	PURPOSE:
	    This will verify that an ExpressCard slot can detect inserted devices.
	STEPS:
	    Skip this test if you do not have an ExpressCard slot.
	    1. Plug an ExpressCard device into the ExpressCard slot
	VERIFICATION:
	    Was the device correctly detected?
		Blocker

Firewire disk tests

firewire/insert	PURPOSE:
	    This test will check the system can detect the insertion of a FireWire HDD
	STEPS:
	    1. Click 'Test' to begin the test. This test will
	        timeout and fail if the insertion has not been detected within 20 seconds.
	    2. Plug a FireWire HDD into an available FireWire port.
	VERIFICATION:
	    The verification of this test is automated. Do not change the automatically
	    selected result
		Blocker

firewire/remove	PURPOSE:
	    This test will check the system can detect the removal of a FireWire HDD
	STEPS:
	    1. Click 'Test' to begin the test. This test will timeout and fail if
	        the removal has not been detected within 20 seconds.
	    2. Remove the previously attached FireWire HDD from the FireWire port.
	VERIFICATION:
	    The verification of this test is automated. Do not change the automatically
	    selected result
		Blocker

firewire/storage-test	This is an automated test which performs read/write operations on an attached FireWire HDD	Blocker

Firmware tests

firmware/fwts_desktop_diagnosis	Run Firmware Test Suite (fwts) desktop-specific diagnosis tests.	
firmware/fwts_logs	Automated tests for firmware using Firmware Test Suite.	

Automated tests for firmware using Firmware Test Suite.

firmware/fwts_uefirtvariable	Run uefirtvariable test from Firmware Test Suite.	Blocker

Floppy disk tests

floppy/check	Floppy test	Blocker

Graphics tests

graphics/VESA_drivers_not_in_use	Check that VESA drivers are not in use	Blocker
graphics/3d_window_move	3D window movement	Blocker
graphics/3d_window_open_close	3D window open/close tests	Blocker
graphics/3d_window_suspend_resume	3D window with suspend/resume tests	Blocker
graphics/color_depth	Color depth tests	Blocker
graphics/fresh_rate	Refresh rate tests	Blocker
graphics/graphic_memory	Graphic memory tests	Blocker
graphics/modes	Mode tests	Blocker
graphics/multi_3d_windows_open_close	Multiple 3D window open/close	Blocker
graphics/resolution	Default resolution tests	Blocker
graphics/resolution-change	Resolution change tests	Blocker
graphics/screen_resolution	Default resolution tests	Blocker
graphics/screenshot	screenshot tests	Blocker
graphics/screenshot.jpg	screenshot attachment tests	Blocker
graphics/screenshot_fullscreen_video	full screen video screenshot tests	Blocker
graphics/screenshot_fullscreen_video.jpg	full screen video attachment tests	Blocker
graphics/switch_card	GPU switch prompt tests	Blocker
graphics/unity_support	Unity support tests	Blocker
graphics/xorg-failsafe	Test that the X is not running in failsafe mode.	Blocker
graphics/xorg-process	Test that the X process is running.	Blocker
graphics/xorg-version	Test to output the Xorg version	Blocker

Compiz support tests

graphics/compiz_check	Check that the GPU is able to run compiz	Blocker

Resolution cycling tests

graphics/cycle_resolution	PURPOSE:
	    This test cycles through the detected video modes for the the GPUs
	STEPS:
	    1. Click "Test" to start cycling through the video modes
	VERIFICATION:
	    Did the screen appear to be working for each mode?
		Blocker

Driver version tests

graphics/driver_version	Parses Xorg.0.Log and discovers the running X driver and version for the GPUs	Blocker

glxgears tests

graphics/glxgears	PURPOSE:
	    This test tests the basic 3D capabilities of your GPUs
	STEPS:
	    1. Click "Test" to execute an OpenGL demo. Press ESC at any time to close.
	    2. Verify that the animation is not jerky or slow.
	VERIFICATION:
	    1. Did the 3d animation appear?
	    2. Was the animation free from slowness/jerkiness?
		Blocker

Maximum resolution tests

graphics/maximum	PURPOSE:
	    This test will verify the display is operating at its maximum supported resolution on the GPUs.
	STEPS:
	    1. Select the 3rd Gen Core processor Graphics Controller graphics card (a reboot may be necessary)
	    2. Consult the system's specifications and locate the screen's maximum supported resolution.
	    3. Click on Test to display the maximum resolution that can be used by Ubuntu on the current display.
	VERIFICATION:
	    Is this the maximum resolution for the display connected to the 3rd Gen Core processor Graphics Controller graphics card?
		Blocker

Minimum resolution tests

graphics/minimum_resolution	Ensure the current resolution meets or exceeds the recommended minimum resolution (800x600) on the GPUs. See here for details: https://help.ubuntu.com/community/Installation/SystemRequirements	Blocker

Rotation tests

	graphics/rotation	PURPOSE:
		    This test will test display rotation on the GPUs
		STEPS:
		    1. Click "Test" to test display rotation. The display will be rotated every 4 seconds.
		    2. Check if all rotations (normal right inverted left) took place without permanent screen corruption
		VERIFICATION:
		    Did the display rotation take place without without permanent screen corruption?
			Blocker

Hibernation tests

	power-management/hibernate_advanced	PURPOSE:
		    This test will check to make sure your system can successfully hibernate (if supported)
		STEPS:
		    1. Click on Test
		    2. The system will hibernate and should wake itself within 5 minutes
		    3. If your system does not wake itself after 5 minutes, please press the power button to wake the system manually
		    4. If the system fails to resume from hibernate, please restart System Testing and mark this test as Failed
		VERIFICATION:
		    Did the system successfully hibernate and did it work properly after waking up?	

Informational tests

	info/hdparm	SATA/IDE device information.

Input Devices tests

	input/accelerometer	PURPOSE:
		    This test will test your accelerometer to see if it is detected and operational as a joystick device.
		STEPS:
		    1. Click on Test
		    2. Tilt your hardware in the directions onscreen until the axis threshold is met.
		VERIFICATION:
		    Is your accelerometer properly detected? Can you use the device?	

	input/accelerometer_verify	PURPOSE:
		    Manual detection of accelerometer.
		STEPS:
		    1. Look at the specifications for your system.
		VERIFICATION:
		    Is this system supposed to have an accelerometer?	

	input/keyboard	PURPOSE:
		    This test will test your keyboard
		STEPS:
		    1. Click on Test
		    2. On the open text area, use your keyboard to type something
		VERIFICATION:
		    Is your keyboard working properly?
			Blocker

Click tests for pointing devices.

	input/clicking_mouse	PURPOSE:
		    This will test the buttons of your mouse device
		STEPS:
		    1. Click the left button with your mouse.
		    2. Click the right button with your mouse.
		    3. Click the middle button with your mouse (if available).
		VERIFICATION:
		    Did these buttons work as expected?
			Blocker

	input/clicking_touchpad	PURPOSE:
		    This will test the buttons of your touchpad device
		STEPS:
		    1. Click the left button with your touchpad.
		    2. Click the right button with your touchpad.
		    3. Click the middle button with your touchpad (if available).
		VERIFICATION:
		    Did these buttons work as expected?
			Blocker

Pointing device tests.

	input/pointing_mouse	PURPOSE:
		    This will test your mouse device
		STEPS:
		    1. Move the cursor with your mouse.
		VERIFICATION:
		    Did the cursor move?
			Blocker

	input/pointing_touchpad	PURPOSE:
		    This will test your touchpad device
		STEPS:
		    1. Move the cursor with your touchpad.
		VERIFICATION:
		    Did the cursor move?
			Blocker

Hotkey tests

	keys/battery-info	PURPOSE:
		    This test will test the battery information key
		STEPS:
		    Skip this test if you do not have a Battery Button.
		    1. Click Test to begin
		    2. Press the Battery Info button (or combo like Fn+F3)
		    3: Close the Power Statistics tool if it opens
		VERIFICATION:
		    Did the Battery Info key work as expected?
			Blocker

	keys/brightness	PURPOSE:
		    This test will test the brightness key
		STEPS:
		    1. Press the brightness buttons on the keyboard
		VERIFICATION:
		    Did the brightness change following to your key presses?
			Blocker

	keys/hibernate	PURPOSE:
		    This test will test the hibernate key
		STEPS:
		    1. Press the hibernate key on the keyboard
		    2. Check that the system hibernated correctly
		    3. Wake your system after hibernating by pressing the power button
		VERIFICATION:
		    Did the system go to hibernate after pressing the hibernate key?	

	keys/keyboard-backlight	PURPOSE:
		    Verify that the keyboard backlight toggle key works properly
		STEPS:
		    1. Tap the keyboard backlight key
		    2. Confirm that the keyboard backlight was toggled to the opposite state
		    3. Tap the keyboard backlight key again
		    4. Confirm that the keyboard backlight was toggled to the opposite state
		VERIFICATION:
		    Did the keyboard backlight state change on each press?
			Blocker

	keys/keyboard-overhead-light	PURPOSE:
		    This test will test the keyboard overhead light key or switch
		STEPS:
		    1. Press the keyboard overhead light key or swtich on the light
		    2. Check the keyboard overhead light turn on correctly
		    3. Press the key or switch again to toggle off the light
		VERIFICATION:
		    Did the keyboard overhead light key or switch turns on and off the light?
			Blocker

	keys/lock-screen	PURPOSE:
		    This test will test the screen lock key
		STEPS:
		    1. Press the Test button to begin this test. If there is no such key,
		please skip this test.
		    2. Press the lock screen button on the keyboard in 30 seconds.
		    3. If the screen is locked, move the mouse or press any key to
		activate the prompt.
		    4. Input the password to unlock the screen.
		VERIFICATION:
		    The verification of this test is automated. Do not change the
		automatically selected result.
			Blocker

	keys/media-control	PURPOSE:
		    This test will test the media keys of your keyboard
		STEPS:
		    Skip this test if your computer has no media keys.
		    1. Click test to open a window on which to test the media keys.
		    2. If all the keys work, the test will be marked as passed.
		VERIFICATION:
		    Do the keys work as expected?
			Blocker

	keys/microphone-mute	PURPOSE:
		    This test will test the mute key for your microphone
		STEPS:
		    1. Click "Test" then speak: "Imagination is more important than
		knowledge" (or anything else) into your microphone.
		    2. While you are speaking, please press the mute key for the
		microphone to mute it and press it again to unmute.
		    3. After a few seconds, your speech will be played back to you. If
		the key works, your speech should be interrupted for a few seconds.
		VERIFICATION:
		    Does the microphone mute key work as expected?
			Blocker

	keys/mute	PURPOSE:
		    This test will test the mute key of your keyboard
		STEPS:
		    1. Click test to open a window on which to test the mute key.
		    2. If the key works, the test will pass and the window will close.
		VERIFICATION:
		    Does the mute key work as expected?
			Blocker

	keys/sleep	PURPOSE:
		    This test will test the sleep key
		STEPS:
		    1. Press the sleep key on the keyboard
		    2. Wake your system up by pressing the power button
		VERIFICATION:
		    Did the system go to sleep after pressing the sleep key?
			Blocker

	keys/super	PURPOSE:
		    This test will test the super key of your keyboard
		STEPS:
		    1. Click test to open a window on which to test the super key.
		    2. If the key works, the test will pass and the window will close.
		VERIFICATION:
		    Does the super key work as expected?
			Blocker

	keys/video-out	PURPOSE:
		    Validate that the External Video hot key is working as expected
		STEPS:
		    1. Plug in an external monitor
		    2. Press the display hot key to change the monitors configuration
		VERIFICATION:
		    Check that the video signal can be mirrored, extended, displayed
		on external or onboard only.
			Blocker

	keys/volume	PURPOSE:
		    This test will test the volume keys of your keyboard
		STEPS:
		    Skip this test if your computer has no volume keys.
		    1. Click test to open a window on which to test the volume keys.
		    2. If all the keys work, the test will be marked as passed.
		VERIFICATION:
		    Do the keys work as expected?
			Blocker

	keys/wireless	PURPOSE:
		    This test will test the wireless key
		STEPS:
		    1. Press the wireless key on the keyboard
		    2. Check that the wifi LED turns off or changes color
		    3. Check that wireless is disabled
		    4. Press the same key again
		    5. Check that the wifi LED turns on or changes color
		    6. Check that wireless is enabled
		VERIFICATION:
		    Did the wireless turn off on the first press and on again on the
		second?
		    (NOTE: the LED functionality will be reviewed in a following test.
		Please
		    only consider the functionality of the wifi itself here.)
			Blocker

LED tests	led/mute	PURPOSE:
		    Audio Mute LED verification.
		STEPS:
		    Skip this test if your system does not have a special Audio Mute
		LED.
		    1. Press the Mute key twice and observe the Audio LED to
		determine if it
		    either turned off and on or changed colors.
		VERIFICATION:
		    Did the Audio LED turn on and off change color as expected?
			Blocker

	led/power	PURPOSE:
		    Power LED verification
		STEPS:
		    1. Power LED should be on while device is switched on
		VERIFICATION:
		    Does the power LED light as expected?
			Blocker

	led/power-blink-suspend	PURPOSE:
		    Power LED verification
		STEPS:
		    1. The Power LED should blink or change color while the system is
		suspended
		VERIFICATION:
		    Did the Power LED blink or change color while the system was
		suspended for the previous suspend test?
			Blocker

	led/suspend		Blocker

	led/power_suppy	PURPOSE:
		    Power Supply LED verification.
		STEPS:
		    Skip this test if your system does not have a special power supply
		LED.
		    1. Plug the system to AC.
		VERIFICATION:
		    Did the power supply LED indicator turn on and off as expected?
			Blocker

	led/camera	PURPOSE:
		    Camera LED verification.
		STEPS:
		    Skip this test if your system does not have a special Camera LED.
		    1. During the camera/still test you should have observed the
		camera LED turned on while the camera is on.
		VERIFICATION:
		    Did the camera LED turn on and off as expected?
			Blocker

	led/microphone	PURPOSE:
		   Microphone Mute LED verification.
		STEPS:
		   Skip this test if your system does not have a special Microphone Mute LED.
		   1. Press the Microphone mute key twice and observe the Microphone LED to determine if it
		   either turned off and on or changed colors.
		VERIFICATION:
		   Did the Microphone LED turn on and off change color as expected?	

	led/bluetooth	PURPOSE:
		   Bluetooth LED verification
		STEPS:
		   1. During the keys/wireless test you should have observed the bluetooth LED while turning bluetooth back on.
		   2. Bluetooth LED should light or change color when bluetooth is turned on
		VERIFICATION:
		   Did the Bluetooth LED turn on or change color as expected?	

	led/wlan	PURPOSE:
		   WLAN LED verification
		STEPS:
		   1. During the keys/wireless test you should have observed the wireless LED while turning wireless back on.
		   2. WLAN LED should light or change color when wireless is turned on
		VERIFICATION:
		   Did the WLAN LED turn on or change color as expected?	

Media Card tests			

	mediacard/mmc-insert	PURPOSE:
		   This test will check that the systems media card reader can detect the insertion of a Multimedia Card (MMC) media
		STEPS:
		   1. Click "Test" and then insert an MMC card into the reader.
		   If a file browser opens up, you can safely close it.
		   (Note: this test will time-out after 20 seconds.)
		   2. Do not remove the device after this test.
		VERIFICATION:
		   The verification of this test is automated. Do not change the automatically selected result.	

	mediacard/mmc-remove	PURPOSE:
		   This test will check that the system correctly detects the removal of the MMC card from the systems card reader.
		STEPS:
		   1. Click "Test" and then remove the MMC card from the reader.
		   (Note: this test will time-out after 20 seconds.)
		VERIFICATION:
		   The verification of this test is automated. Do not change the automatically selected result.	

	mediacard/mmc-storage	This test is automated and executes after the mediacard/mmc-insert test is run. It tests reading and writing to the MMC card.	

	mediacard/sd-insert	PURPOSE:
		   This test will check that the systems media card reader can detect the insertion of an UNLOCKED Secure Digital (SD) media card
		STEPS:
		   1. Click "Test" and then insert an UNLOCKED SD card into the reader.
		   If a file browser opens up, you can safely close it.
		   (Note: this test will time-out after 20 seconds.)
		   2. Do not remove the device after this test.
		VERIFICATION:
		   The verification of this test is automated. Do not change the automatically selected result.
			Blocker

	mediacard/sd-remove	PURPOSE:
		   This test will check that the system correctly detects the removal of an SD card from the systems card reader.
		STEPS:
		   1. Click "Test" and then remove the SD card from the reader.
		   (Note: this test will time-out after 20 seconds.)
		VERIFICATION:
		   The verification of this test is automated. Do not change the automatically selected result.
			Blocker

	mediacard/sd-storage	This test is automated and executes after the mediacard/sd-insert test is run. It tests reading and writing to the SD card.	Blocker

	mediacard/sdhc-insert	PURPOSE:
		   This test will check that the systems media card reader can detect the insertion of a UNLOCKED Secure Digital High-Capacity (SDHC) media card
		STEPS:
		   1. Click "Test" and then insert an UNLOCKED SDHC card into the reader.
		   If a file browser opens up, you can safely close it.
		   (Note: this test will time-out after 20 seconds.)
		   2. Do not remove the device after this test.
		VERIFICATION:
		   The verification of this test is automated. Do not change the automatically selected result.
			Blocker

	mediacard/sdhc-remove	PURPOSE:
		   This test will check that the system correctly detects the removal of an SDHC card from the systems card reader.
		STEPS:
		   1. Click "Test" and then remove the SDHC card from the reader.
		   (Note: this test will time-out after 20 seconds.)
		VERIFICATION:
		   The verification of this test is automated. Do not change the automatically selected result.
			Blocker

	mediacard/sdhc-storage	This test is automated and executes after the mediacard/sdhc-insert test is run. It tests reading and writing to the SDHC card.	Blocker
Memory tests			
	memory/check	Test and exercise memory.	Blocker
	memory/info	This test checks the amount of memory which is reporting in meminfo against the size of the memory modules detected by DMI.	Blocker
Miscellaneous tests			
	miscellanea/oops	Run Firmware Test Suite (fwts) oops tests.	Blocker
Mobile broadband tests			
	mobilebroadband/cdma_connection	Creates a mobile broadband connection for a CDMA based modem and checks the connection to ensure it's working.	
	mobilebroadband/gsm_connection	Creates a mobile broadband connection for a GSM based modem and checks the connection to ensure it's working.	
Monitor tests			

	monitor/dim_brightness	PURPOSE:
		   This test will test changes to screen brightness
		STEPS:
		   1. Click "Test" to try to dim the screen.
		   2. Check if the screen was dimmed approximately to half of the maximum brightness.
		   3. The screen will go back to the original brightness in 2 seconds.
		VERIFICATION:
		   Was your screen dimmed approximately to half of the maximum brightness?
			Blocker

monitor/displayport	PURPOSE:
	    This test will check your DisplayPort port.
	STEPS:
	    Skip this test if your system does not have a DisplayPort port.
	    1. Connect a display (if not already connected) to the DisplayPort port on your system
	VERIFICATION:
	    Was the desktop displayed correctly on both screens?
		Blocker

monitor/dvi	PURPOSE:
	    This test will check your DVI port.
	STEPS:
	    Skip this test if your system does not have a DVI port.
	    1. Connect a display (if not already connected) to the DVI port on your system
	VERIFICATION:
	    Was the desktop displayed correctly on both screens?
		Blocker

monitor/hdmi	PURPOSE:
	    This test will check your HDMI port.
	STEPS:
	    Skip this test if your system does not have a HDMI port.
	    1. Connect a display (if not already connected) to the HDMI port on your system
	VERIFICATION:
	    Was the desktop displayed correctly on both screens?
		Blocker

monitor/multi-head	This test verifies that multi-monitor output works on your desktop system. This is NOT the same test as the external monitor tests you would run on your laptop. You will need two monitors to perform this test.
	STEPS:
	    Skip this test if your video card does not support multiple monitors.
	    1. If your second monitor is not already connected, connect it now
	    2. Open the "Displays" tool (open the dash and search for "Displays")
	    3. Configure your output to provide one desktop across both monitors
	    4. Open any application and drag it from one monitor to the next.
	VERIFICATION:
	    Was the stretched desktop displayed correctly across both
		Blocker

monitor/powersaving	PURPOSE:
	    This test will check your monitor power saving capabilities
	STEPS:
	    1. Click "Test" to try the power saving capabilities of your monitor
	    2. Press any key or move the mouse to recover
	VERIFICATION:
	    Did the monitor go blank and turn on again?
		Blocker

monitor/rca	PURPOSE:
	    This test will check your RCA port.
	STEPS:
	    Skip this test if your system does not have a RCA port.
	    1. Connect a display (if not already connected) to the RCA port on your system
	VERIFICATION:
	    Was the desktop displayed correctly on both screens?
		Blocker

monitor/svideo	PURPOSE:
	    This test will check your S-VIDEO port.
	STEPS:
	    Skip this test if your system does not have a S-VIDEO port.
	    1. Connect a display (if not already connected) to the S-VIDEO port on your system
	VERIFICATION:
	    Was the desktop displayed correctly on both screens?
		Blocker

monitor/vga	PURPOSE:
	    This test will check your VGA port.
	STEPS:
	    Skip this test if your system does not have a VGA port.
	    1. Connect a display (if not already connected) to the VGA port on your system
	VERIFICATION:
	    Was the desktop displayed correctly on both screens?
		Blocker

Non-device specific networking tests

networking/gateway_ping	Tests whether the system has a working Internet connection.	Blocker
networking/ntp	Test to see if we can sync local clock to an NTP server	Blocker

Network Information

networking/info_eth0	PURPOSE:
	    This test will check the eth0 network interface
	STEPS:
	    1. Click "Test" to verify the information for eth0
	VERIFICATION:
	    Is this correct?
		Blocker

Optical Drive tests

optical/bluray-read	Automated Blu-Ray read test.	Blocker
optical/detect	Test to detect the optical drives	Blocker

Automated Blu-Ray write test.

optical/bluray-write_sr0	PURPOSE: This test will check your MATSHITADVD-RAM UJ8C2 device's ability to write Blu-Ray (BD) media STEPS: Skip this test if you do not have a blank BD-R disc 1. Insert appropriate writable media into your Blu-Ray drive. 2. Click "Test" to begin the test. VERIFICATION: This test should automatically select "Yes" if it passes, "No" if it fails.	Blocker

CD write test.

optical/cdrom-write_sr0	PURPOSE:
	    This test will check your system's MATSHITADVD-RAM UJ8C2 CD writing capabilities. This test requires a blank CD-R or CD+R.
	STEPS:
	    Skip this test if you do not have a blank CD disk.
	    1. Insert a blank CD-R or CD+R into your drive
	    2. Click "Test" to begin.
	    3. When the CD tray ejects the media after burning, close it (DO NOT remove the disk, it is needed for the second portion of the test). Note, you must close the drive within 5 minutes or the test will time out.
	VERIFICATION:
	    This test should automatically select "Yes" if it passes, "No" if it fails.
		Blocker

DVD write test.

optical/dvd-write_sr0	PURPOSE:
	    This test will check your system's MATSHITADVD-RAM UJ8C2 writing capabilities. This test requires a blank DVD-R or DVD+R.
	STEPS:
	    Skip this test if you do not have a blank DVD disk.
	    1. Enter a blank DVD-R or DVD+R into your drive
	    2. Click "Test" to begin.
	    3. When the CD tray ejects the media after burning, close it (DO NOT remove the disk, it is needed for the second portion of the test). Note, you must close the drive within 5 minutes or the test will time out.
	VERIFICATION:
	    This test should automatically select "Yes" if it passes, "No" if it fails.
		Blocker

Optical read test.

optical/read_sr0	PURPOSE:
	    This test will check your MATSHITADVD-RAM UJ8C2 device's ability to read CD media
	STEPS:
	    1. Insert appropriate non-blank media into your optical drive(s). Movie and Audio Disks may not work. Self-created data disks have the greatest chance of working.
	    2. If a file browser window opens, you can safely close or ignore that window.
	    3. Click "Test" to begin the test.
	VERIFICATION:
	    This test should automatically select "Yes" if it passes, "No" if it fails.
		Blocker

Power Management tests

power-management/fwts_wakealarm	Test ACPI Wakealarm (fwts wakealarm)	Blocker

power-management/lid	PURPOSE:
	    This test will check your lid sensors.
	STEPS:
	    1. Close your laptop lid.
	VERIFICATION:
	    Does closing your laptop lid cause your system to suspend?
		Blocker

power-management/lid_close	PURPOSE:
	    This test will check your lid sensors
	STEPS:
	    1. Click "Test".
	    2. Close and open the lid.
	VERIFICATION:
	    Did the screen turn off while the lid was closed?
		Blocker

power-management/lid_open	PURPOSE:
	    This test will check your lid sensors.
	STEPS:
	    1. Click "Test".
	    2. Close the lid.
	    3. Wait 5 seconds with the lid closed.
	    4. Open the lid.
	VERIFICATION:
	    Did the system resume when the lid was opened?
		Blocker

power-management/poweroff	PURPOSE:
	  This test will check the system's ability to power-off and boot.
	STEPS:
	    1. Select "Test" to begin.
	    2. The machine will shut down.
	    3. Power the machine back on.
	    4. After rebooting, wait for the test prompts to inform you that the test is complete.
	    5. Once the test has completed, restart checkbox and select 'Re-run' when prompted.
	VERIFICATION:
	  If the machine successfully shuts down and boots, select 'Yes', otherwise,
	  select 'No'.
		Blocker

power-management/reboot	PURPOSE:
	  This test will check the system's ability to reboot cleanly.
	STEPS:
	    1. Select "Test" to begin.
	    2. The machine will reboot.
	    3. After rebooting, wait for the test prompts to inform you that the test is complete.
	    4. Once the test has completed, restart checkbox and select Re-Run when prompted.
	VERIFICATION:
	  If the machine successfully reboots, select Yes then select Next.
		Blocker

power-management/rtc	Verify that the Real-time clock (RTC) device functions properly, if present	Blocker
power-management/tickless_idle	Check to see if CONFIG_NO_HZ is set in the kernel (this is just a simple regression check)	Blocker

Stress tests

power-management/hibernate_30_cycles	PURPOSE: This is an automated stress test that will force the system to hibernate/resume for 30 cycles	
power-management/suspend-30-cycles-time-check	Checks the sleep times to ensure that a machine suspends and resumes within a given threshold	
power-management/suspend_30_cycles	PURPOSE: This is an automated stress test that will force the system to suspend/resume for 30 cycles.	Blocker
stress/cpu_stress_test	PURPOSE: Create jobs that use the CPU as much as possible for two hours. The test is considered passed if the system does not freeze.	Blocker

Suspend tests

suspend/audio_after_suspend	Verify that mixer settings after suspend are the same as before suspend.	Blocker
suspend/audio_before_suspend	Record mixer settings before suspending.	Blocker
suspend/bluetooth_detect_after_suspend	This test grabs the hardware address of the bluetooth adapter after suspend and compares it to the address grabbed before suspend.	Blocker
suspend/bluetooth_obex_browse_after_suspend	This is an automated Bluetooth test. It emulates browsing on a remote device specified by the BTDEVADDR environment variable.	Blocker
suspend/bluetooth_obex_browse_before_suspend	This is an automated Bluetooth test. It emulates browsing on a remote device specified by the BTDEVADDR environment variable.	Blocker
suspend/bluetooth_obex_get_after_suspend	This is an automated Bluetooth test. It receives the given file from a remote host specified by the BTDEVADDR environment variable	Blocker
suspend/bluetooth_obex_get_before_suspend	This is an automated Bluetooth test. It receives the given file from a remote host specified by the BTDEVADDR environment variable	Blocker
suspend/bluetooth_obex_send_after_suspend	This is an automated Bluetooth file transfer test. It sends an image to the device specified by the BTDEVADDR environment variable.	Blocker
suspend/bluetooth_obex_send_before_suspend	This is an automated Bluetooth file transfer test. It sends an image to the device specified by the BTDEVADDR environment variable.	Blocker
suspend/cpu_after_suspend	Verify that all CPUs are online after resuming.	Blocker
suspend/cpu_before_suspend	Verify that all the CPUs are online before suspending	Blocker

suspend/cycle_resolutions_after_suspend	PURPOSE:
	    This test will cycle through the detected display modes
	STEPS:
	    1. Click "Test" and the display will cycle trough the display modes
	VERIFICATION:
	    Did your display look fine in the detected mode?
		Blocker

suspend/cycle_resolutions_after_suspend_auto	This test will check to make sure supported video modes work after a suspend and resume. This is done automatically by taking screenshots and uploading them as an attachment.	Blocker

suspend/display_after_suspend	PURPOSE:
	    This test will check that the display is correct after suspend and resume
	STEPS:
	    1. Check that your display does not show up visual artifacts after resuming.
	VERIFICATION:
	    Does the display work normally after resuming from suspend?
		Blocker

suspend/hybrid_sleep	PURPOSE:
	    This test will check hybrid sleep and resume
	STEPS:
	    1. Click "Test" and your system will go into hybrid sleep mode for about 30 - 60 seconds
	    2. Observe the Power LED to see if it blinks or changes color during suspend
	    3. If your system does not wake itself up after 60 seconds, please press the power button momentarily to wake the system manually
	    4. If your system fails to wake at all and must be rebooted, restart System Testing after reboot and mark this test as Failed
	VERIFICATION:
	    Did your system enter hybrid sleep and then resume correctly?	

suspend/memory_after_suspend	Verify that all memory is available after resuming from suspend.	Blocker
suspend/memory_before_suspend	Dumps memory info to a file for comparison after suspend test has been run	Blocker

suspend/mmc-insert-after-suspend	PURPOSE:
	    This test will check that the systems media card reader can detect the insertion of an MMC card after the system has been suspended
	STEPS:
	    1. Click "Test" and insert an MMC card into the reader.
	    If a file browser opens up, you can safely close it.
	    (Note: this test will time-out after 20 seconds.)
	    2. Do not remove the device after this test.
	VERIFICATION:
	    The verification of this test is automated. Do not change the automatically selected result.	

suspend/mmc-remove-after-suspend	PURPOSE:
	    This test will check that the system correctly detects the removal of an MMC card from the systems card reader after the system has been suspended.
	STEPS:
	    1. Click "Test" and remove the MMC card from the reader.
	    (Note: this test will time-out after 20 seconds.)
	VERIFICATION:
	    The verification of this test is automated. Do not change the automatically selected result.	

suspend/mmc-storage-after-suspend	This test is automated and executes after the mediacard/mmc-insert-after-suspend test is run. It tests reading and writing to the MMC card after the system has been suspended.	
suspend/network_after_suspend	Test the network after resuming.	Blocker
suspend/network_before_suspend	Record the current network before suspending.	Blocker
suspend/record_playback_after_suspend	This will check to make sure that your audio device works properly after a suspend and resume. This may work fine with speakers and onboard microphone, however, it works best if used with a cable connecting the audio-out jack to the audio-in jack.	Blocker
suspend/resolution_after_suspend	Test to see that we have the same resolution after resuming as before.	Blocker
suspend/resolution_before_suspend	Record the current resolution before suspending.	Blocker

suspend/sd-insert-after-suspend	PURPOSE:
	    This test will check that the systems media card reader can detect the insertion of an UNLOCKED SD card after the system has been suspended
	STEPS:
	    1. Click "Test" and insert an UNLOCKED SD card into the reader.
	    If a file browser opens up, you can safely close it.
	    (Note: this test will time-out after 20 seconds.)
	    2. Do not remove the device after this test.
	VERIFICATION:
	    The verification of this test is automated. Do not change the automatically selected result.
		Blocker

suspend/sd-remove-after-suspend	PURPOSE:
	    This test will check that the system correctly detects the removal of an SD card from the systems card reader after the system has been suspended.
	STEPS:
	    1. Click "Test" and remove the SD card from the reader.
	    (Note: this test will time-out after 20 seconds.)
	VERIFICATION:
	    The verification of this test is automated. Do not change the automatically selected result.
		Blocker

suspend/sd-storage-after-suspend	This test is automated and executes after the mediacard/sd-insert-after-suspend test is run. It tests reading and writing to the SD card after the system has been suspended.	Blocker

suspend/sdhc-insert-after-suspend	PURPOSE:
	    This test will check that the systems media card reader can detect the insertion of an UNLOCKED SDHC media card after the system has been suspended
	STEPS:
	    1. Click "Test" and insert an UNLOCKED SDHC card into the reader.
	    If a file browser opens up, you can safely close it.
	    (Note: this test will time-out after 20 seconds.)
	    2. Do not remove the device after this test.
	VERIFICATION:
	    The verification of this test is automated. Do not change the automatically selected result.
		Blocker

suspend/sdhc-remove-after-suspend	PURPOSE:
	    This test will check that the system correctly detects the removal of an SDHC card from the systems card reader after the system has been suspended.
	STEPS:
	    1. Click "Test" and remove the SDHC card from the reader.
	    (Note: this test will time-out after 20 seconds.)
	VERIFICATION:
	    The verification of this test is automated. Do not change the automatically selected result.
		Blocker

suspend/sdhc-storage-after-suspend	This test is automated and executes after the mediacard/sdhc-insert-after-suspend test is run. It tests reading and writing to the SDHC card after the system has been suspended.	Blocker
suspend/suspend-time-check	Checks the sleep times to ensure that a machine suspends and resumes within a given threshold	

suspend/suspend_advanced	PURPOSE:
	    This test will check suspend and resume
	STEPS:
	    1. Click "Test" and your system will suspend for about 30 - 60 seconds
	    2. Observe the Power LED to see if it blinks or changes color during suspend
	    3. If your system does not wake itself up after 60 seconds, please press the power button momentarily to wake the system manually
	    4. If your system fails to wake at all and must be rebooted, restart System Testing after reboot and mark this test as Failed
	VERIFICATION:
	    Did your system suspend and resume correctly?
	    (NOTE: Please only consider whether the system successfully suspended and resumed. Power/Suspend LED verification will occur after this test is completed.)
		Blocker

suspend/suspend_advanced_auto	This is the automated version of suspend/suspend_advanced.	Blocker

suspend/usb3_insert_after_suspend	PURPOSE:
	    This test will check that the system correctly detects the insertion
	of
	    a USB 3.0 storage device after suspend and resume.
	STEPS:
	    1. Click "Test" and insert a USB 3.0 storage device (pen-
	drive/HDD) in
	        a USB 3.0 port. (Note: this test will time-out after 20 seconds.)
	    2. Do not unplug the device after the test.
	VERIFICATION:
	    The verification of this test is automated. Do not change the
	automatically selected result.
		Blocker

suspend/usb3_remove_after_suspend	PURPOSE:
	    This test will check that the system correctly detects the removal
	of
	    a USB 3.0 storage device after suspend
	STEPS:
	    1. Click "Test" and remove the USB 3.0 device.
	      (Note: this test will time-out after 20 seconds.)
	VERIFICATION:
	    The verification of this test is automated. Do not change the
	automatically selected result.
		Blocker

suspend/usb3_storage_automated_after_suspend	This test is automated and executes after the suspend/usb3_insert_after_suspend test is run.	Blocker

suspend/usb_insert_after_suspend	PURPOSE:
	    This test will check that the system correctly detects the insertion
	of
	    a USB storage device after suspend and resume.
	STEPS:
	    1. Click "Test" and insert a USB storage device (pen-drive/HDD).
	      (Note: this test will time-out after 20 seconds.)
	    2. Do not unplug the device after the test.
	VERIFICATION:
	    The verification of this test is automated. Do not change the
	automatically selected result.
		Blocker

suspend/usb_remove_after_suspend	PURPOSE:
	    This test will check that the system correctly detects the removal
	of
	    a USB storage device after suspend.
	STEPS:
	    1. Click "Test" and remove the USB device.
	      (Note: this test will time-out after 20 seconds.)
	VERIFICATION:
	    The verification of this test is automated. Do not change the
	automatically selected result.
		Blocker

suspend/usb_storage_automated_after_suspend	This test is automated and executes after the suspend/usb_insert_after_suspend test is run.	Blocker
suspend/wireless_connection_after_suspend_open_ac	Tests that the systems wireless hardware can connect to a router using no security and the 802.11ac protocol after the system has been suspended.	Blocker
suspend/wireless_connection_after_suspend_open_bg	Tests that the systems wireless hardware can connect to a router using no security and the 802.11b/g protocols after the system has been suspended.	Blocker
suspend/wireless_connection_after_suspend_open_n	Tests that the systems wireless hardware can connect to a router using no security and the 802.11n protocol after the system has been suspended.	Blocker
suspend/wireless_connection_after_suspend_wpa_ac	Tests that the systems wireless hardware can connect to a router using WPA security and the 802.11ac protocol after the system has been suspended.	Blocker
suspend/wireless_connection_after_suspend_wpa_bg	Tests that the systems wireless hardware can connect to a router using WPA security and the 802.11b/g protocols after the system has been suspended.	
suspend/wireless_connection_after_suspend_wpa_n	Tests that the systems wireless hardware can connect to a router using WPA security and the 802.11n protocol after the system has been suspended.	

Touchpad tests

touchpad/basic	PURPOSE:
	    Touchpad user-verify
	STEPS:
	    1. Make sure that touchpad is enabled.
	    2. Move cursor using the touchpad.
	VERIFICATION:
	    Did the cursor move?
		Blocker

touchpad/drag-and-drop	PURPOSE:
	    Determine that the drag and drop function is working as
	expected.
	STEPS:
	    1. Browse to the examples folder in the current user's home
	directory
	    2. Double tap and hold to select the
	"Ubuntu_Free_Culture_Showcase" folder
	    2. Drag the selected folder to the desktop and remove finger from
	touchpad.
	VERIFICATION:
	    Did a selected folder move to the desktop?
		Blocker

touchpad/horizontal	PURPOSE:
	    Touchpad horizontal scroll verification
	STEPS:
	    1. Select "Test" when ready and place your cursor within the
	borders of the displayed test window.
	    2. Verify that you can move the horizontal slider by moving your
	finger right and left in the lower part of the touchpad.
	VERIFICATION:
	    Could you scroll right and left?
		Blocker

touchpad/multitouch-automated	Determine whether the touchpad is detected as a multitouch device automatically.	Blocker

touchpad/multitouch-dash	PURPOSE:
	    Validate that 4-touch tap is operating as expected
	STEPS:
	    1. 4-touch tap (tap with 4 fingers) anywhere on the touchpad
	VERIFICATION:
	    Did the tap open the Dash?
		Blocker

touchpad/multitouch-horizontal	PURPOSE:
	    Touchpad 2-touch horizontal scroll verification
	STEPS:
	    1. Select "Test" when ready and place your cursor within the
	borders of the displayed test window.
	    2. Verify that you can move the horizontal slider by moving 2
	fingers right and left along the touchpad.
	VERIFICATION:
	    Could you scroll right and left?
		Blocker

touchpad/multitouch-manual	PURPOSE:
	    Touchpad manual detection of multitouch.
	STEPS:
	    1. Look at the specifications for your system.
	VERIFICATION:
	    Is the touchpad supposed to be multitouch?
		Blocker

touchpad/multitouch-rightclick	PURPOSE:
	    Determine that the right click function is working as expected.
	STEPS:
	    1. Open a file folder
	    2. Hover cursor over file in folder
	    3. 2-touch tap.
	VERIFICATION:
	    Did the right click pop up menu appear?	

	touchpad/multitouch-vertical	PURPOSE:
		    Touchpad 2-touch vertical scroll verification
		STEPS:
		    1. Select "Test" when ready and place your cursor within the
		borders of the displayed test window.
		    2. Verify that you can move the vertical slider by moving 2 fingers
		up and down along the touchpad.
		VERIFICATION:
		    Could you scroll up and down?
			Blocker

	touchpad/multitouch-zoom	PURPOSE:
		    Check touchpad pinch gesture for zoom
		STEPS:
		    1. Open gallery-app with an image
		    2. Place two fingers on the touchpad and pinch them together
		    3. Place two fingers on the touchpad and move them apart
		VERIFICATION:
		    Does the image zoom in and out?	

	touchpad/singletouch-automated	Determine whether the touchpad is detected as a singletouch device automatically.	Blocker

	touchpad/singletouch-selection	PURPOSE:
		    Determine that the selection window function is working as
		expected.
		STEPS:
		    1. Open a file folder
		    2. Double tap and drag the cursor across several file.
		VERIFICATION:
		    Did a selection window open and were several files selected?
			Blocker

	touchpad/vertical	PURPOSE:
		    Touchpad vertical scroll verification
		STEPS:
		    1. Select "Test" when ready and place your cursor within the
		borders of the displayed test window.
		    2. Verify that you can move the vertical slider by moving your
		finger up and down in the right part of the touchpad.
		VERIFICATION:
		    Could you scroll up and down?
			Blocker

Touchscreen tests			

	touchscreen/drag-n-drop	PURPOSE:
		    Check touchscreen drag & drop
		STEPS:
		    1. Double tap, hold, and drag an object on the desktop
		    2. Drop the object in a different location
		VERIFICATION:
		    Does the object select and drag and drop?
			Blocker

	touchscreen/multitouch-automated	Determine whether the screen is detected as a multitouch device automatically.	Blocker

	touchscreen/multitouch-dash	PURPOSE:
		    Validate that 4-touch tap is operating as expected
		STEPS:
		    1. 4-touch tap anywhere on the touchscreen
		VERIFICATION:
		    Did the tap open the Dash?
			Blocker

	touchscreen/multitouch-manual	PURPOSE:
		    Touchscreen manual detection of multitouch.
		STEPS:
		    1. Look at the specifications for your system.
		VERIFICATION:
		    Is the screen supposed to be multitouch?
			Blocker

	touchscreen/multitouch-zoom	PURPOSE:
		    Check touchscreen pinch gesture for zoom
		STEPS:
		    1. Place two fingers on the screen and pinch them together
		    2. Place two fingers on the screen and move then apart
		VERIFICATION:
		    Does the screen zoom in and out?
			Blocker

	touchscreen/nontouch-automated	Determine whether the screen is detected as a non-touch device automatically.	Blocker
USB tests			

	usb/HID	PURPOSE:
		    This test will check that you can use a USB HID device
		STEPS:
		    1. Enable either a USB mouse or keyboard
		    2. For mice, perform actions such as moving the pointer, right and
		left button clicks and double clicks
		    3. For keyboards, click the Test button to lauch a small tool. Type
		some text and close the tool.
		VERIFICATION:
		    Did the device work as expected?
			Blocker

	usb/detect	Detects and shows USB devices attached to this system.	Blocker

	usb/insert	PURPOSE:
		    This test will check that the system correctly detects the insertion
		of
		    a USB storage device
		STEPS:
		    1. Click "Test" and insert a USB storage device, preferably a HDD.
		    Although a USB pen drive may be used it might cause
		performance
		    related tests to fail. (Note: this test will time-out after 20
		    seconds.)
		    2. Do not unplug the device after the test.
		VERIFICATION:
		    The verification of this test is automated. Do not change the
		    automatically selected result.
			Blocker

	usb/remove	PURPOSE:
		    This test will check that the system correctly detects the removal
		of
		    a USB storage device
		STEPS:
		    1. Click "Test" and remove the USB device.
		    (Note: this test will time-out after 20 seconds.)
		VERIFICATION:
		    The verification of this test is automated. Do not change the
		    automatically selected result.
			Blocker

	usb/storage-automated	This test is automated and executes after the usb/insert test is run.	Blocker

	usb3/insert	PURPOSE:
		    This test will check that the system correctly detects the insertion
		of
		    a USB 3.0 storage device
		STEPS:
		    1. Click "Test" and insert a USB 3.0 storage device, preferably a
		HDD,
		    in a USB 3.0 port. Although a USB 3.0 pen drive may be used it
		might
		    cause performance related tests to fail. (Note: this test will
		    time-out after 20 seconds.)
		    2. Do not unplug the device after the test.
		VERIFICATION:
		    The verification of this test is automated. Do not change the
		    automatically selected result.
			Blocker

	usb3/remove	PURPOSE:
		    This test will check that the system correctly detects the removal
		of
		    a USB 3.0 storage device
		STEPS:
		    1. Click "Test" and remove the USB 3.0 device.
		    (Note: this test will time-out after 20 seconds.)
		VERIFICATION:
		    The verification of this test is automated. Do not change the
		    automatically selected result.
			Blocker

	usb3/storage-automated	This test is automated and executes after the usb3/insert test is run.	Blocker

usb3/superspeed_performance	This test will check that your USB 3.0 port could be recognized as SuperSpeed USB device using xhci_hcd driver and transfers data correctly.	Blocker

Wireless networking tests

wireless/wireless_connection_open_ac	Tests that the systems wireless hardware can connect to a router using no security and the 802.11ac protocol.	Blocker
wireless/wireless_connection_open_bg	Tests that the systems wireless hardware can connect to a router using no security and the 802.11b/g protocols.	Blocker
wireless/wireless_connection_open_n	Tests that the systems wireless hardware can connect to a router using no security and the 802.11n protocol.	Blocker
wireless/wireless_connection_wpa_ac	Tests that the systems wireless hardware can connect to a router using WPA security and the 802.11ac protocol.	Blocker
wireless/wireless_connection_wpa_bg	Tests that the systems wireless hardware can connect to a router using WPA security and the 802.11b/g protocols.	Blocker
wireless/wireless_connection_wpa_n	Tests that the systems wireless hardware can connect to a router using WPA security and the 802.11n protocol.	Blocker
wireless/wireless_scanning	Wireless scanning test. It scans and reports on discovered APs.	Blocker