Name	Certification status	Description
Audio tests		
after-suspend-manual-audio/1_playback_displayport_PRODUCT	blocker	PURPOSE: DisplayPort audio interface verification STEPS: 1. Plug an external DisplayPort device with sound (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the DisplayPort device?
after-suspend-manual-audio/1_playback_hdmi_PRODUCT	blocker	PURPOSE: HDMI audio interface verification STEPS: 1. Plug an external HDMI device with sound (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the HDMI device?
after-suspend-manual-audio/1_playback_thunderbolt3_PRODUCT	non-blocker	PURPOSE: Thunderbolt audio interface verification STEPS: 1. Plug an external Thunderbolt device with sound (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the Thunderbolt device?
after-suspend-manual-audio/1_playback_type-c_displayport_PRODUCT	blocker	PURPOSE: DisplayPort audio via USB Type-C port interface verification STEPS: 1. Plug an external DisplayPort device with sound on a USB Type-C port using a "USB Typce-C to DisplayPort" adapter (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the DisplayPort device?
after-suspend-manual-audio/1_playback_type-c_hdmi_PRODUCT	blocker	PURPOSE: HDMI audio via USB Type-C port interface verification STEPS: 1. Plug an external HDMI device with sound on a USB Type-C port using a "USB Typce-C to HDMI" adapter (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the HDMI device?
after-suspend-manual-audio/2_playback_displayport_PRODUCT	blocker	PURPOSE: DisplayPort audio interface verification STEPS: 1. Plug an external DisplayPort device with sound (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the DisplayPort device?
after-suspend-manual-audio/2_playback_hdmi_PRODUCT	blocker	PURPOSE: HDMI audio interface verification STEPS: 1. Plug an external HDMI device with sound (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the HDMI device?
after-suspend-manual-audio/2_playback_thunderbolt3_PRODUCT	non-blocker	PURPOSE: Thunderbolt audio interface verification STEPS: 1. Plug an external Thunderbolt device with sound (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the Thunderbolt device?
after-suspend-manual-audio/2_playback_type-c_displayport_PRODUCT	blocker	PURPOSE: DisplayPort audio via USB Type-C port interface verification STEPS: 1. Plug an external DisplayPort device with sound on a USB Type-C port using a "USB Typce-C to DisplayPort" adapter (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the DisplayPort device?
after-suspend-manual-audio/2_playback_type-c_hdmi_PRODUCT	blocker	PURPOSE: HDMI audio via USB Type-C port interface verification STEPS: 1. Plug an external HDMI device with sound on a USB Type-C port using a "USB Typce-C to HDMI" adapter (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the HDMI device?

Name	Certification status	Description
audio/1_playback_displayport_PRODUCT	blocker	PURPOSE: DisplayPort audio interface verification STEPS: 1. Plug an external DisplayPort device with sound (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the DisplayPort device?
audio/1_playback_hdmi_PRODUCT	blocker	PURPOSE: HDMI audio interface verification STEPS: 1. Plug an external HDMI device with sound (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the HDMI device?
audio/1_playback_thunderbolt3_PRODUCT	non-blocker	PURPOSE: Thunderbolt audio interface verification STEPS: 1. Plug an external Thunderbolt device with sound (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the Thunderbolt device?
audio/1_playback_type-c_displayport_PRODUCT	blocker	PURPOSE: DisplayPort audio via USB Type-C port interface verification STEPS: 1. Plug an external DisplayPort device with sound on a USB Type-C port using a "USB Typce-C to DisplayPort" adapter (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the DisplayPort device?
audio/1_playback_type-c_hdmi_PRODUCT	blocker	PURPOSE: HDMI audio via USB Type-C port interface verification STEPS: 1. Plug an external HDMI device with sound on a USB Type-C port using a "USB Typce-C to HDMI" adapter (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the HDMI device?
audio/2_playback_displayport_PRODUCT	blocker	PURPOSE: DisplayPort audio interface verification STEPS: 1. Plug an external DisplayPort device with sound (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the DisplayPort device?
audio/2_playback_hdmi_PRODUCT	blocker	PURPOSE: HDMI audio interface verification STEPS: 1. Plug an external HDMI device with sound (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the HDMI device?
audio/2_playback_thunderbolt3_PRODUCT	non-blocker	PURPOSE: Thunderbolt audio interface verification STEPS: 1. Plug an external Thunderbolt device with sound (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the Thunderbolt device?
audio/2_playback_type-c_displayport_PRODUCT	blocker	PURPOSE: DisplayPort audio via USB Type-C port interface verification STEPS: 1. Plug an external DisplayPort device with sound on a USB Type-C port using a "USB Typce-C to DisplayPort" adapter (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the DisplayPort device?
audio/2_playback_type-c_hdmi_PRODUCT	blocker	PURPOSE: HDMI audio via USB Type-C port interface verification STEPS: 1. Plug an external HDMI device with sound on a USB Type-C port using a "USB Typce-C to HDMI" adapter (Use only one HDMI/DisplayPort/Thunderbolt interface at a time for this test) 2. Commence the test VERIFICATION: Did you hear the sound from the HDMI device?

Name	Certification status	Description
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_external	blocker	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?

audio/alsa_record_playback_internal	blocker	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?

audio/channels		PURPOSE:
		   Check that the various audio channels are working properly
		STEPS:
		   1. Commence the test
		VERIFICATION:
		   You should clearly hear a voice from the different audio channels

audio/external-linein		PURPOSE:
		   Check that external line in connection works correctly
		STEPS:
		   1. Use a cable to connect the line in port to an external line out source.
		   2. Open system sound preferences, 'Input' tab, select 'Line-in' on the connector list. Commence the test
		   3. After a few seconds, your recording will be played back to you.
		VERIFICATION:
		   Did you hear your recording?

audio/external-lineout		PURPOSE:
		   Check that external line out connection works correctly
		STEPS:
		   1. Insert cable to speakers (with built-in amplifiers) on the line out port
		   2. Open system sound preferences, 'Output' tab, select 'Line-out' on the connector list. Commence the test
		   3. On the system sound preferences, select 'Internal Audio' on the device list and click 'Test Speakers' to check left and right channel
		VERIFICATION:
		   1. Do you hear a sound in the speakers? The internal speakers should *not* be muted automatically
		   2. Do you hear the sound coming out on the corresponding channel?

audio/list_devices		Test to detect audio devices

audio/microphone-plug-detection	blocker	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).

audio/playback_auto	blocker	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. Commence the test to play a brief tone on your audio device
		VERIFICATION:
		   Did you hear a tone?

audio/playback_headphones	blocker	PURPOSE:
		   This test will check that headphones connector works correctly
		STEPS:
		   1. Connect a pair of headphones to your audio device
		   2. Commence the test 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?

Name	Certification status	Description

audio/speaker-headphone-plug-detection	blocker	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).

Benchmarks tests

Name	Certification status	Description
benchmarks/disk/hdparm-cache-read_NAME		This test runs hdparm timing of cache reads as a benchmark for NAME
benchmarks/disk/hdparm-read_NAME		This test runs hdparm timing of device reads as a benchmark for NAME

Bluetooth tests

Name	Certification status	Description
after-suspend-manual-bluetooth4/beacon_eddystone_url_INTERFACE	blocker	Test system can get beacon EddyStone URL advertisements on the INTERFACE adapter after suspend (S3)

bluetooth/audio-a2dp	blocker	PURPOSE:
		   This test will check the High Fidelity Playback (A2DP) capability of your Bluetooth device,
		   to see if you can hear audio from it.
		STEPS:
		   1. Enable and pair the bluetooth headset
		   2. Click "Test" to play a brief tone on your Bluetooth device, if it failed to set the Mode to A2DP,
		     please select the device and change it manually in the "Sound Settings"
		VERIFICATION:
		   Did you hear the tone?

bluetooth/detect-output	blocker	Automated test to store bluetooth device information in checkbox report
bluetooth4/HOGP-keyboard	blocker	PURPOSE: This test will check that you can use a HID Over GATT Profile (HOGP) with your Bluetooth Smart keyboard. STEPS: 1. Enable a Bluetooth Smart keyboard, and put it into paring mode. 2. Commence the test to do the auto-pairing, you will be asked to select targeting keyboard from the list. 3. After it's paired and connected, enter some text with your keyboard and close the small input test tool. VERIFICATION: Did the Bluetooth Smart keyboard work as expected?
bluetooth4/HOGP-mouse	blocker	PURPOSE: This test will check that you can use a HID Over GATT Profile (HOGP) with your Bluetooth Smart mouse. STEPS: 1. Enable a Bluetooth smart mouse, and put it into paring mode. 2. Commence the test to do the auto-pairing, you will be asked to select targeting mouse from the list. 3. After it's paired and connected, perform actions such as moving the pointer, right and left button clicks and double clicks. VERIFICATION: Did the Bluetooth Smart mouse work as expected?
bluetooth4/beacon_eddystone_url_INTERFACE	blocker	Test system can get beacon EddyStone URL advertisements on the INTERFACE adapter

Camera tests

Name	Certification status	Description

after-suspend-manual-camera/display_NAME	blocker	PURPOSE:
		   This test will check that the PRODUCT 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?

after-suspend-manual-camera/still_NAME	blocker	PURPOSE:
		   This test will check that the PRODUCT works
		STEPS:
		   1. Click on Test to display a still image from the camera for ten seconds.
		VERIFICATION:
		   Did you see the image?

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

camera/display_NAME	blocker	PURPOSE:
		   This test will check that the PRODUCT 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?

Name	Certification status	Description

camera/led_NAME	blocker	PURPOSE:
		    This test will check that the PRODUCT camera LED works
		STEPS:
		    1. Select Test to activate camera
		    2. Camera LED should light for a few seconds
		VERIFICATION:
		    Did the camera LED light?

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

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

CPU tests

Name	Certification status	Description
cpu/clocktest		Runs a test for clock jitter on SMP machines.
cpu/maxfreq_test	blocker	Use the Firmware Test Suite (fwts cpufreq) to ensure that the CPU can run at its maximum frequency.
cpu/offlining_test	blocker	Attempts to offline each core in a multicore system.
cpu/scaling_test	blocker	Use Firmware Test Suite (fwts cpufreq) to test the scaling capabilities of the CPU.
cpu/topology	blocker	Parses information about CPU topology provided by proc and sysfs and checks that they are consistent.

Disk tests

Name	Certification status	Description

after-suspend-manual-thunderbolt3/daisy-chain	non-blocker	PURPOSE:
		    This test will check if your system can support daisy-chaining of a storage
		    and a monitor over Thunderbolt 3 port
		STEPS:
		    1. Connect your Thunderbolt monitor to your systems
		    2. Connect and mount your Thunderbolt HDD to another Thunderbolt 3 port of the
		        monitor (you can do this with HDD first as well)
		    3. Click 'Test' to perform the storage test on the Thunderbolt HDD
		VERIFICATION:
		    1. The verification for storage is automated, please select the result combine
		        with the result for the display.
		    2. Was the desktop displayed correctly on the Thunderbolt-connected screen?

disk/apste_support_on_NAME		Check support for Autonomous Power State Transition on NAME
disk/detect	blocker	Uses lsblk to gather information about each disk detected on the system under test.
disk/hdd-parking	non-blocker	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.
disk/read_performance_NAME	blocker	Verify that disk storage performs at or above baseline performance

disk/stats_NAME		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.
		
		This test will inspect the following disk:
		
		    product name: PRODUCT
		    sysfs path: PATH
		    device node path: /dev/NAME

disk/storage_device_NAME	blocker	Take the path of the storage device and test is it a block device

Name	Certification status	Description
thunderbolt3/daisy-chain	non-blocker	PURPOSE: This test will check if your system can support daisy-chaining of a storage and a monitor over Thunderbolt 3 port STEPS: 1. Connect your Thunderbolt monitor to your systems 2. Connect and mount your Thunderbolt HDD to another Thunderbolt 3 port of the monitor (you can do this with HDD first as well) 3. Click 'Test' to perform the storage test on the Thunderbolt HDD VERIFICATION: 1. The verification for storage is automated, please select the result combine with the result for the display. 2. Was the desktop displayed correctly on the Thunderbolt-connected screen?
thunderbolt3/insert	non-blocker	PURPOSE: This test will check if the insertion of a Thunderbolt HDD could be detected STEPS: 1. Click 'Test' to begin the test. This test will timeout and fail if the insertion has not been detected within 40 seconds. 2. Plug a Thunderbolt HDD into an available Thunderbolt 3 port, if it's not mounted automatically, please click the HDD icon to mount it. VERIFICATION: The verification of this test is automated. Do not change the automatically selected result
thunderbolt3/remove	non-blocker	PURPOSE: This test will check the system can detect the removal of a Thunderbolt 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 Thunderbolt HDD from the Thunderbolt port. VERIFICATION: The verification of this test is automated. Do not change the automatically selected result
thunderbolt3/storage-test	non-blocker	This is an automated test which performs read/write operations on an attached Thunderbolt HDD

Ethernet Device tests

Name	Certification status	Description
ethernet/detect	blocker	Test to detect and return information about available network controllers on the system under test.
ethernet/hotplug-1-end-cycle	blocker	ethernet/hotplug-1-end-cycle
ethernet/hotplug-INTERFACE-check-disconnected	blocker	PURPOSE: Check that ethernet port INTERFACE is detected as being in the correct state to begin a hotplug connection test. STEPS: 1. Ensure there is no ethernet cable attached to port INTERFACE. 2. Begin test.
ethernet/hotplug-INTERFACE-connect	blocker	PURPOSE: Check ethernet port INTERFACE connects when cable inserted. Assumes an IP address will be assigned by DHCP. Connection asserted by pinging the network defined gateway. STEPS: 1. Begin the test. 2. Insert the ethernet cable in to ethernet port INTERFACE. 3. This test will timeout and fail if the insertion and connection establishment has not been detected (10 second timeout for each check).
ethernet/hotplug-INTERFACE-disconnect	blocker	PURPOSE: Check that when cable removed from ethernet port INTERFACE the system detects this correctly. STEPS: 1. Depends on previous hotplug connection test passing. We will now test cable disconnection. 2. Begin the test. 3. Remove the ethernet cable from ethernet port INTERFACE. 4. This test will timeout and fail if the removal has not been detected and interface marked as down (10 second timeout for each check).
ethernet/iperf3_INTERFACE		This test uses iperf3 to ensure network devices pass data at an acceptable minimum percentage of advertized speed.
ethernet/iperf3_reverse_INTERFACE		This test uses iperf3 to ensure network devices pass data at an acceptable minimum percentage of advertized speed (Reverse).

Fingerprint reader tests

Name	Certification status	Description
fingerprint/delete	non-blocker	Remove existing fingerprint signatures

Name	Certification status	Description
fingerprint/detect	non-blocker	Check if at least one fingerprint reader is detected
fingerprint/enroll	non-blocker	PURPOSE: Enroll the user's right index finger into the database STEPS: 1. Press Enter 2. Swipe your right index finger five times (wait 3s for the Enrolling message) VERIFICATION: The verification of this test is automated.
fingerprint/unlock	non-blocker	PURPOSE: This test will verify that a fingerprint reader can be used to unlock a locked system. STEPS: 1. Press Enter to lock the screen 2. Press any key or move the mouse. 3. A window should appear that provides the ability to unlock either typing your password or using fingerprint authentication. 4. Use the fingerprint reader to unlock. 5. Your screen should be unlocked. VERIFICATION: Did the authentication procedure work correctly?
fingerprint/verify-match	non-blocker	PURPOSE: The verification must match when using the enrolled finger STEPS: 1. Press Enter 2. Swipe your enrolled finger on the reader (3 attempts max) VERIFICATION: The verification of this test is automated.
fingerprint/verify-no-match	non-blocker	PURPOSE: The verification must not match when using a wrong finger STEPS: 1. Press Enter 2. Swipe an unenrolled finger on the reader VERIFICATION: The verification of this test is automated.

Firmware tests

Name	Certification status	Description
firmware/fwts_desktop_diagnosis		Run Firmware Test Suite (fwts) QA-concerned desktop-specific diagnosis tests.

Graphics tests

Name	Certification status	Description
after-suspend-graphics/1_auto_switch_card_PRODUCT	blocker	PURPOSE: Switch GPU to VENDOR PRODUCT and reboot the machine
graphics/1_auto_switch_card_PRODUCT	blocker	PURPOSE: Switch GPU to VENDOR PRODUCT and reboot the machine

graphics/1_cycle_resolution_PRODUCT	non-blocker	PURPOSE:
		    This test cycles through the detected video modes for the VENDOR PRODUCT graphics card
		STEPS:
		    1. Click "Test" to start cycling through the video modes
		VERIFICATION:
		    Did the screen appear to be working for each mode?

graphics/1_driver_version_PRODUCT	blocker	Parses Xorg.0.log and discovers the running X driver and version for the VENDOR PRODUCT graphics card
graphics/1_gl_support_PRODUCT	blocker	Check that VENDOR PRODUCT hardware is able to run a desktop session (OpenGL)

graphics/1_glxgears_PRODUCT	blocker	PURPOSE:
		    This test tests the basic 3D capabilities of your VENDOR PRODUCT video card
		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?

graphics/1_glxgears_fullscreen_PRODUCT	blocker	PURPOSE:
		    This test tests the basic fullscreen 3D capabilities of your VENDOR PRODUCT video card
		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?

Name	Certification status	Description
graphics/1_maximum_resolution_PRODUCT	blocker	PURPOSE: This test will verify the maximum supported resolution on the VENDOR PRODUCT graphics card. STEPS: 1. Select the VENDOR PRODUCT 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 VENDOR PRODUCT graphics card?
graphics/1_minimum_resolution_PRODUCT		Ensure the current resolution meets or exceeds the recommended minimum resolution (800x600) on the VENDOR PRODUCT graphics card. See here for details: https://help.ubuntu.com/community/Installation/SystemRequirements
graphics/1_rotation_PRODUCT	blocker	PURPOSE: This test will test display rotation on the VENDOR PRODUCT graphics card 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 permanent screen corruption?
graphics/1_video_PRODUCT	blocker	PURPOSE: This test will test the default display with a sample video STEPS: 1. Click "Test" to display a video test. VERIFICATION: Do you see color bars and static?
graphics/2_auto_switch_card_PRODUCT	blocker	PURPOSE: Switch GPU to VENDOR PRODUCT and reboot the machine
graphics/2_cycle_resolution_PRODUCT	non-blocker	PURPOSE: This test cycles through the detected video modes for the VENDOR PRODUCT graphics card STEPS: 1. Click "Test" to start cycling through the video modes VERIFICATION: Did the screen appear to be working for each mode?
graphics/2_driver_version_PRODUCT	blocker	Parses Xorg.0.log and discovers the running X driver and version for the VENDOR PRODUCT graphics card
graphics/2_gl_support_PRODUCT	blocker	Check that VENDOR PRODUCT hardware is able to run a desktop session (OpenGL)
graphics/2_glxgears_PRODUCT	blocker	PURPOSE: This test tests the basic 3D capabilities of your VENDOR PRODUCT video card 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?
graphics/2_glxgears_fullscreen_PRODUCT	blocker	PURPOSE: This test tests the basic fullscreen 3D capabilities of your VENDOR PRODUCT video card 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?
graphics/2_maximum_resolution_PRODUCT	blocker	PURPOSE: This test will verify the maximum supported resolution on the VENDOR PRODUCT graphics card. STEPS: 1. Select the VENDOR PRODUCT 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 VENDOR PRODUCT graphics card?
graphics/2_minimum_resolution_PRODUCT		Ensure the current resolution meets or exceeds the recommended minimum resolution (800x600) on the VENDOR PRODUCT graphics card. See here for details: https://help.ubuntu.com/community/Installation/SystemRequirements
graphics/2_rotation_PRODUCT	blocker	PURPOSE: This test will test display rotation on the VENDOR PRODUCT graphics card 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 permanent screen corruption?
graphics/2_valid_opengl_renderer_PRODUCT	blocker	Check the OpenGL renderer (AMD GPU and DRI_PRIME=1)

Name	Certification status	Description

graphics/2_video_PRODUCT	blocker	PURPOSE:
		   This test will test the default display with a sample video
		STEPS:
		   1. Click "Test" to display a video test.
		VERIFICATION:
		   Do you see color bars and static?

graphics/VESA_drivers_not_in_use	blocker	Check that VESA drivers are not in use
graphics/xorg-failsafe	blocker	Test that the X is not running in failsafe mode.
graphics/xorg-process	blocker	Test that the X process is running.
graphics/xorg-version	blocker	Test to output the Xorg version

Hotkey tests

after-suspend-manual-keys/brightness	blocker	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?

after-suspend-manual-keys/keyboard-backlight	blocker	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?

after-suspend-manual-keys/lock-screen	blocker	PURPOSE:
		   This test will test the screen lock key
		STEPS:
		   1. Commence the 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.

after-suspend-manual-keys/media-control	blocker	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?

after-suspend-manual-keys/microphone-mute	blocker	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?

after-suspend-manual-keys/mute	blocker	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?

after-suspend-manual-keys/super	blocker	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?

Name	Certification status	Description
after-suspend-manual-keys/video-out	blocker	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.
after-suspend-manual-keys/volume	blocker	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?
after-suspend-manual-keys/wireless	blocker	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.)
keys/brightness	blocker	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?
keys/keyboard-backlight	blocker	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?
keys/lock-screen	blocker	PURPOSE: This test will test the screen lock key STEPS: 1. Commence the 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.
keys/media-control	blocker	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?
keys/microphone-mute	blocker	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?

Name	Certification status	Description
keys/mute	blocker	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?
keys/power-button	blocker	PURPOSE: This test will test the power button STEPS: 1. press the power button. 2. press cancel to quit. VERIFICATION: Did the power management prompt pop up when press power button?
keys/sleep	blocker	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?
keys/super	blocker	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?
keys/video-out	blocker	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.
keys/volume	blocker	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?
keys/wireless	blocker	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.)

Informational tests

info/systemd-analyze		System boot-up performance statistics

Input Devices tests

input/accelerometer	non-blocker	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?

Name	Certification status	Description

input/keyboard	blocker	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?

LED tests

Name	Certification status	Description
led/bluetooth	non-blocker	PURPOSE: Check bluetooth LED behavior is correct STEPS: 1. Run following command to start bluetoothctl console: sudo bluetoothctl -a ***Following steps are run in bluetoothctl console*** 2. Power on the device: power on 3. Power off the device: power off 4. Quit bluetoothctl console quit VERIFICATION: Bluetooth LED is turned on in step 2, and turned off in step 3.

led/caps-lock	blocker	PURPOSE:
		   Block cap keys LED verification
		STEPS:
		   1. Press "Block Cap Keys" to activate/deactivate cap keys blocking
		   2. Cap Keys LED should be switched on/off every time the key is pressed
		VERIFICATION:
		   Did the Cap Keys LED light as expected?

led/numeric-keypad	blocker	PURPOSE:
		   Numeric keypad LED verification
		STEPS:
		   1. Press "Block Num" key to toggle numeric keypad LED
		   2. Click on the "Test" button to open a window to verify your typing
		   3. Type using the numeric keypad both when the LED is on and off
		VERIFICATION:
		   1. Numeric keypad LED status should toggle everytime the "Block Num" key is pressed
		   2. Numbers should only be entered in the keyboard verification window when the LED is on

led/power	blocker	PURPOSE: Check power led is on when system is powered on STEPS: 1. Check power led when system is powered on VERIFICATION: Power led is on when system is powered on
led/power-blink-suspend	blocker	PURPOSE: Check power led is blinking when system is in suspend STEPS: 1. Suspend the system 2. Check power led when system is in suspend VERIFICATION: Power led is blinking when system is in suspend

led/suspend	blocker	PURPOSE:
		   Suspend LED verification.
		STEPS:
		   Skip this test if your system does not have a dedicated Suspend LED.
		   1. The Suspend LED should blink or change color while the system is
		   suspended
		VERIFICATION
		   Did the Suspend LED blink or change color while the system was suspended?

led/wlan	non-blocker	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?

Name	Certification status	Description

led/wlan-disabled	non-blocker	PURPOSE:
		  Validate that WLAN LED shuts off when disabled
		STEPS:
		  1. During the keys/wireless test you should have observed the WLAN LED
		  while performing that test after turning wireless off.
		  2. WLAN LED should turn off or change color when wireless is turned off
		VERIFICATION:
		  Did the WLAN LED turn off or change color as expected?

Media Card tests

Name	Certification status	Description

mediacard/sdhc-insert	blocker	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. Commence the test and then insert an UNLOCKED SDHC card into the reader.
		    (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/sdhc-remove	blocker	PURPOSE:
		  This test will check that the system correctly detects
		  the removal of an SDHC card from the systems card reader.
		STEPS:
		  1. Commence the 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.

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

Memory tests

Name	Certification status	Description
memory/memory_stress_ng	blocker	Test to perform some basic stress and exercise of system memory via the stress_ng tool. This test also includes an over-commit function to force swapping to disk, thus SUTs should have suitably large swap files for the amount of RAM they have installed.

Miscellaneous tests

Name	Certification status	Description

miscellanea/chvt		PURPOSE:
		  This test will check that the system can switch to a virtual terminal and back to X
		STEPS:
		  1. Click "Test" to switch to another virtual terminal and then back to X
		VERIFICATION:
		  Did your screen change temporarily to a text console and then switch back to your current
		session?

miscellanea/device_check		PURPOSE: Device check STEPS: 1. Commence the test 2. Compare items on System Manifest to the devices known to udev VERIFICATION: Do the devices reported by udev match the devices on the Manifest?
miscellanea/fan_stress_reaction		Check if system fans react to CPU load
miscellanea/oops	blocker	Run Firmware Test Suite (fwts) oops tests.
miscellanea/submission-resources		A meta-job that verifies the data necessary for a complete result submission are present. Failure indicates that the results are incomplete and may be rejected.

Mobile broadband tests

Name	Certification status	Description
mobilebroadband/cdma_connection	non-blocker	Creates a mobile broadband connection for a CDMA based modem and checks the connection to ensure it's working.
mobilebroadband/gsm_connection	non-blocker	Creates a mobile broadband connection for a GSM based modem and checks the connection to ensure it's working.

Monitor tests

Name	Certification status	Description
after-suspend-manual-monitor/1_dim_brightness_PRODUCT	blocker	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?
after-suspend-manual-monitor/1_displayport_PRODUCT	blocker	PURPOSE: This test will check your DisplayPort port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the DisplayPort-connected screen in every mode?
after-suspend-manual-monitor/1_dvi_PRODUCT	blocker	PURPOSE: This test will check your DVI port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the DVI-connected screen in every mode?
after-suspend-manual-monitor/1_hdmi_PRODUCT	blocker	PURPOSE: This test will check your HDMI port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the HDMI-connected screen in every mode?
after-suspend-manual-monitor/1_multi-head_PRODUCT	blocker	PURPOSE: 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 screens?
after-suspend-manual-monitor/1_powersaving_PRODUCT	blocker	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?
after-suspend-manual-monitor/1_thunderbolt3_PRODUCT	non-blocker	PURPOSE: This test will check your Thunderbolt 3 port as a monitor interconnect for VENDOR PRODUCT. STEPS: 1. Connect a display (if not already connected) to the Thunderbolt 3 port on your system 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the Thunderbolt-connected screen in every mode?
after-suspend-manual-monitor/1_type-c_displayport_PRODUCT	blocker	PURPOSE: This test will check the connection of a screen using a "USB Type-C to DisplayPort" adapter for VENDOR PRODUCT. STEPS: 1. Connect a display (if not already connected) to the USB Type-C port on your system using a "USB Type-C to DisplayPort" adapter 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the screen connected using a "USB Type-C to DisplayPort" adapter in every mode?

Name	Certification status	Description
after-suspend-manual-monitor/1_type-c_hdmi_PRODUCT	blocker	PURPOSE: This test will check the connection of a screen using a "USB Type-C to HDMI" adapter for VENDOR PRODUCT. STEPS: 1. Connect a display (if not already connected) to the USB Type-C port on your system using a "USB Type-C to HDMI" adapter 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the screen connected using a "USB Type-C to HDMI" adapter in every mode?
after-suspend-manual-monitor/1_type-c_vga_PRODUCT	blocker	PURPOSE: This test will check the connection of a screen using a "USB Type-C to VGA" adapter for VENDOR PRODUCT. STEPS: 1. Connect a display (if not already connected) to the USB Type-C port on your system using a "USB Type-C to VGA" adapter 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the screen connected using a "USB Type-C to VGA" adapter in every mode?
after-suspend-manual-monitor/1_vga_PRODUCT	blocker	PURPOSE: This test will check your VGA port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the VGA-connected screen in every mode?
after-suspend-manual-monitor/2_dim_brightness_PRODUCT	blocker	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?
after-suspend-manual-monitor/2_displayport_PRODUCT	blocker	PURPOSE: This test will check your DisplayPort port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the DisplayPort-connected screen in every mode?
after-suspend-manual-monitor/2_dvi_PRODUCT	blocker	PURPOSE: This test will check your DVI port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the DVI-connected screen in every mode?
after-suspend-manual-monitor/2_hdmi_PRODUCT	blocker	PURPOSE: This test will check your HDMI port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the HDMI-connected screen in every mode?

Name	Certification status	Description
after-suspend-manual-monitor/2_multi-head_PRODUCT	blocker	PURPOSE: 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 screens?
after-suspend-manual-monitor/2_powersaving_PRODUCT	blocker	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?
after-suspend-manual-monitor/2_thunderbolt3_PRODUCT	non-blocker	PURPOSE: This test will check your Thunderbolt 3 port as a monitor interconnect for VENDOR PRODUCT. STEPS: 1. Connect a display (if not already connected) to the Thunderbolt 3 port on your system 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the Thunderbolt-connected screen in every mode?
after-suspend-manual-monitor/2_type-c_displayport_PRODUCT	blocker	PURPOSE: This test will check the connection of a screen using a "USB Type-C to DisplayPort" adapter for VENDOR PRODUCT. STEPS: 1. Connect a display (if not already connected) to the USB Type-C port on your system using a "USB Type-C to DisplayPort" adapter 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the screen connected using a "USB Type-C to DisplayPort" adapter in every mode?
after-suspend-manual-monitor/2_type-c_hdmi_PRODUCT	blocker	PURPOSE: This test will check the connection of a screen using a "USB Type-C to HDMI" adapter for VENDOR PRODUCT. STEPS: 1. Connect a display (if not already connected) to the USB Type-C port on your system using a "USB Type-C to HDMI" adapter 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the screen connected using a "USB Type-C to HDMI" adapter in every mode?
after-suspend-manual-monitor/2_type-c_vga_PRODUCT	blocker	PURPOSE: This test will check the connection of a screen using a "USB Type-C to VGA" adapter for VENDOR PRODUCT. STEPS: 1. Connect a display (if not already connected) to the USB Type-C port on your system using a "USB Type-C to VGA" adapter 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the screen connected using a "USB Type-C to VGA" adapter in every mode?
after-suspend-manual-monitor/2_vga_PRODUCT	blocker	PURPOSE: This test will check your VGA port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the VGA-connected screen in every mode?
monitor/1_dim_brightness_PRODUCT	blocker	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?

Name	Certification status	Description
monitor/1_displayport_PRODUCT	blocker	PURPOSE: This test will check your DisplayPort port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the DisplayPort-connected screen in every mode?
monitor/1_dvi_PRODUCT	blocker	PURPOSE: This test will check your DVI port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the DVI-connected screen in every mode?
monitor/1_hdmi_PRODUCT	blocker	PURPOSE: This test will check your HDMI port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the HDMI-connected screen in every mode?
monitor/1_multi-head_PRODUCT	blocker	PURPOSE: 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 screens?
monitor/1_powersaving_PRODUCT	blocker	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?

monitor/1_thunderbolt3_PRODUCT	non-blocker	PURPOSE:
		This test will check your Thunderbolt 3 port as a monitor interconnect for VENDOR PRODUCT.
		STEPS:
		1. Connect a display (if not already connected) to the Thunderbolt 3 port on
		   your system
		2. Switch display modes between in your Display Settings, check if it can be
		   set to mirrored, extended, displayed on external or onboard only
		VERIFICATION:
		Was the desktop displayed correctly with VENDOR PRODUCT on the Thunderbolt-connected
		screen in every mode?

monitor/1_type-c_displayport_PRODUCT	blocker	PURPOSE:
		This test will check the connection of a screen using a "USB Type-C to DisplayPort" adapter for
		VENDOR PRODUCT.
		STEPS:
		1. Connect a display (if not already connected) to the USB Type-C port on
		   your system using a "USB Type-C to DisplayPort" adapter
		2. Switch display modes between in your Display Settings, check if it can be
		   set to mirrored, extended, displayed on external or onboard only
		VERIFICATION:
		Was the desktop displayed correctly with VENDOR PRODUCT on the screen
		connected using a "USB Type-C to DisplayPort" adapter in every mode?

Name	Certification status	Description

monitor/1_type-c_hdmi_PRODUCT	blocker	PURPOSE:
		This test will check the connection of a screen using a "USB Type-C to HDMI" adapter for VENDOR PRODUCT.
		STEPS:
		1. Connect a display (if not already connected) to the USB Type-C port on
		   your system using a "USB Type-C to HDMI" adapter
		2. Switch display modes between in your Display Settings, check if it can be
		   set to mirrored, extended, displayed on external or onboard only
		VERIFICATION:
		Was the desktop displayed correctly with VENDOR PRODUCT on the screen connected using a "USB Type-C to HDMI" adapter in every mode?

monitor/1_type-c_vga_PRODUCT	blocker	PURPOSE:
		This test will check the connection of a screen using a "USB Type-C to VGA" adapter for VENDOR PRODUCT.
		STEPS:
		1. Connect a display (if not already connected) to the USB Type-C port on
		   your system using a "USB Type-C to VGA" adapter
		2. Switch display modes between in your Display Settings, check if it can be
		   set to mirrored, extended, displayed on external or onboard only
		VERIFICATION:
		Was the desktop displayed correctly with VENDOR PRODUCT on the screen connected using a "USB Type-C to VGA" adapter in every mode?

monitor/1_vga_PRODUCT	blocker	PURPOSE: This test will check your VGA port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the VGA-connected screen in every mode?
monitor/2_dim_brightness_PRODUCT	blocker	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?
monitor/2_displayport_PRODUCT	blocker	PURPOSE: This test will check your DisplayPort port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the DisplayPort-connected screen in every mode?
monitor/2_dvi_PRODUCT	blocker	PURPOSE: This test will check your DVI port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the DVI-connected screen in every mode?
monitor/2_hdmi_PRODUCT	blocker	PURPOSE: This test will check your HDMI port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the HDMI-connected screen in every mode?

Name	Certification status	Description
monitor/2_multi-head_PRODUCT	blocker	PURPOSE: 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 screens?
monitor/2_powersaving_PRODUCT	blocker	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?
monitor/2_thunderbolt3_PRODUCT	non-blocker	PURPOSE: This test will check your Thunderbolt 3 port as a monitor interconnect for VENDOR PRODUCT. STEPS: 1. Connect a display (if not already connected) to the Thunderbolt 3 port on your system 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the Thunderbolt-connected screen in every mode?
monitor/2_type-c_displayport_PRODUCT	blocker	PURPOSE: This test will check the connection of a screen using a "USB Type-C to DisplayPort" adapter for VENDOR PRODUCT. STEPS: 1. Connect a display (if not already connected) to the USB Type-C port on your system using a "USB Type-C to DisplayPort" adapter 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the screen connected using a "USB Type-C to DisplayPort" adapter in every mode?
monitor/2_type-c_hdmi_PRODUCT	blocker	PURPOSE: This test will check the connection of a screen using a "USB Type-C to HDMI" adapter for VENDOR PRODUCT. STEPS: 1. Connect a display (if not already connected) to the USB Type-C port on your system using a "USB Type-C to HDMI" adapter 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the screen connected using a "USB Type-C to HDMI" adapter in every mode?
monitor/2_type-c_vga_PRODUCT	blocker	PURPOSE: This test will check the connection of a screen using a "USB Type-C to VGA" adapter for VENDOR PRODUCT. STEPS: 1. Connect a display (if not already connected) to the USB Type-C port on your system using a "USB Type-C to VGA" adapter 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the screen connected using a "USB Type-C to VGA" adapter in every mode?
monitor/2_vga_PRODUCT	blocker	PURPOSE: This test will check your VGA port as a monitor interconnect for VENDOR PRODUCT. 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 2. Switch display modes between in your Display Settings, check if it can be set to mirrored, extended, displayed on external or onboard only VERIFICATION: Was the desktop displayed correctly with VENDOR PRODUCT on the VGA-connected screen in every mode?

Non-device specific networking tests

Name	Certification status	Description
networking/gateway_ping	blocker	Tests whether the system has a working Internet connection.

Name	Certification status	Description

networking/info_device1_INTERFACE	blocker	PURPOSE:
		   This test will check the network device 1 (INTERFACE)
		STEPS:
		   1. Click "Test" to verify the information for this network device
		VERIFICATION:
		   Is this correct?

networking/ntp	blocker	Test to see if we can sync local clock to an NTP server

Optical Drive tests

Name	Certification status	Description
after-suspend-manual-optical/bluray-read_NAME	blocker	PURPOSE: This test will check your PRODUCT device's ability to read Blu-Ray (BD) media STEPS: 1. Insert appropriate non-blank media into your Blu-Ray drive. 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.

after-suspend-manual-optical/read_NAME	blocker	PURPOSE:
		   This test will check your PRODUCT 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.

optical/bluray-read_NAME	blocker	PURPOSE: This test will check your PRODUCT device's ability to read Blu-Ray (BD) media STEPS: 1. Insert appropriate non-blank media into your Blu-Ray drive. 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.
optical/detect	blocker	Detects optical drives (CD/DVD) attached to the system.

optical/read_NAME	blocker	PURPOSE:
		   This test will check your PRODUCT 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.

Power Management tests

Name	Certification status	Description
after-suspend-manual-power-management/light_sensor		power-management/light_sensor after suspend (S3)
power-management/fwts_wakealarm	blocker	Test ACPI Wakealarm (fwts wakealarm)

power-management/lid	blocker	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?

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

power-management/lid_open	blocker	PURPOSE:
		   This test will check your lid sensors.
		STEPS:
		   1. Press "Enter".
		   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?

power-management/light_sensor		power-management/light_sensor

Name	Certification status	Description
power-management/poweroff	blocker	This test will check the system's ability to power-off and boot.
power-management/reboot	blocker	This test will check the system's ability to reboot cleanly.
power-management/rtc	blocker	Verify that the Real-time clock (RTC) device functions properly, if present.
power-management/tickless_idle	blocker	Check to see if CONFIG_NO_HZ is set in the kernel (this is just a simple regression check)

Stress tests

Name	Certification status	Description
power-management/suspend-30-cycles-log-check-with-reboots		Automated check of the '30 cycle suspend and 1 reboot times 3' logs for errors detected by fwts.
power-management/suspend-30-cycles-time-check-with-reboots		Checks the sleep times to ensure that a machine suspends and resumes within a given threshold (warm boots)
power-management/suspend_30_cycles_with_reboots		This is an automated stress test that will run a sequence of '30 suspend/resume cycles and one reboot' 3 times.
stress/cpu_stress_ng_test	blocker	Impose a high system load using the 'stress_ng' tool to exercise the CPU for several hours. The test is considered passed if the system does not freeze and if the stress_ng tool does not report errors.
stress/poweroff_30	blocker	Stress poweroff system (30 cycles)
stress/reboot_30	blocker	Stress reboot system (30 cycles)
stress/s2idle_pm-graph_30		Resume from idle by using Intel pm-graph
stress/s3_pm-graph_30		Resume from suspend by using Intel pm-graph

Suspend tests

Name	Certification status	Description

suspend/1_cycle_resolutions_after_suspend_PRODUCT_graphics	non-blocker	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?

suspend/1_display_after_suspend_PRODUCT_graphics	blocker	PURPOSE:
		    This test will check that the display is correct after suspend and resume on the VENDOR PRODUCT graphics card.
		STEPS:
		    1. Check that your display does not show up visual artifacts after resuming.
		VERIFICATION:
		    Does the display work normally after resuming from suspend using the VENDOR PRODUCT graphics card?

suspend/1_driver_version_after_suspend_PRODUCT_auto	blocker	Parses Xorg.0.Log and discovers the running X driver and version after suspend for the VENDOR PRODUCT graphics card
suspend/1_gl_support_after_suspend_PRODUCT_auto	blocker	Check that PRODUCT hardware is able to run a desktop session (OpenGL)

suspend/1_glxgears_after_suspend_PRODUCT_graphics	blocker	PURPOSE:
		    This test tests the basic 3D capabilities of your VENDOR PRODUCT video card after suspend
		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?

suspend/1_resolution_after_suspend_PRODUCT_auto	blocker	Test to see that we have the same resolution after resuming as before.
suspend/1_resolution_before_suspend_PRODUCT_auto	blocker	Record the current resolution before suspending.

suspend/1_rotation_after_suspend_PRODUCT_graphics	blocker	PURPOSE:
		    This test will test display rotation on the VENDOR PRODUCT graphics card after suspend
		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 permanent screen corruption after suspend?

suspend/1_suspend-time-check_PRODUCT_auto	non-blocker	Checks the sleep times to ensure that a machine suspends and resumes within a given threshold
suspend/1_suspend_after_switch_to_card_PRODUCT_auto	blocker	Test auto suspend/resume after switching to VENDOR PRODUCT

suspend/1_video_after_suspend_PRODUCT_graphics	blocker	PURPOSE:
		    This test will test the default display after suspend with a sample video
		STEPS:
		    1. Click "Test" to display a video test.
		VERIFICATION:
		    Do you see color bars and static?

Name	Certification status	Description

suspend/2_cycle_resolutions_after_suspend_PRODUCT_graphics	non-blocker	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?

suspend/2_display_after_suspend_PRODUCT_graphics	blocker	PURPOSE:
		    This test will check that the display is correct after suspend and resume on the VENDOR PRODUCT graphics card.
		STEPS:
		    1. Check that your display does not show up visual artifacts after resuming.
		VERIFICATION:
		    Does the display work normally after resuming from suspend using the VENDOR PRODUCT graphics card?

suspend/2_driver_version_after_suspend_PRODUCT_auto	blocker	Parses Xorg.0.Log and discovers the running X driver and version after suspend for the VENDOR PRODUCT graphics card
suspend/2_gl_support_after_suspend_PRODUCT_auto	blocker	Check that PRODUCT hardware is able to run a desktop session (OpenGL)

suspend/2_glxgears_after_suspend_PRODUCT_graphics	blocker	PURPOSE:
		    This test tests the basic 3D capabilities of your VENDOR PRODUCT video card after suspend
		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?

suspend/2_resolution_after_suspend_PRODUCT_auto	blocker	Test to see that we have the same resolution after resuming as before.
suspend/2_resolution_before_suspend_PRODUCT_auto	blocker	Record the current resolution before suspending.

suspend/2_rotation_after_suspend_PRODUCT_graphics	blocker	PURPOSE:
		    This test will test display rotation on the VENDOR PRODUCT graphics card after suspend
		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 permanent screen corruption after suspend?

suspend/2_suspend-time-check_PRODUCT_auto	non-blocker	Checks the sleep times to ensure that a machine suspends and resumes within a given threshold
suspend/2_suspend_after_switch_to_card_PRODUCT_auto	blocker	Test auto suspend/resume after switching to VENDOR PRODUCT

suspend/2_video_after_suspend_PRODUCT_graphics	blocker	PURPOSE:
		    This test will test the default display after suspend with a sample video
		STEPS:
		    1. Click "Test" to display a video test.
		VERIFICATION:
		    Do you see color bars and static?

suspend/alsa_record_playback_external-after-suspend	blocker	PURPOSE:
		    This test will check that recording sound using an external microphone works correctly after suspend
		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?

suspend/audio_after_suspend	blocker	Verify that mixer settings after suspend are the same as before suspend.
suspend/audio_before_suspend	blocker	Record mixer settings before suspending.
suspend/bluetooth_detect_after_suspend	blocker	This test grabs the hardware address of the bluetooth adapter after suspend and compares it to the address grabbed before suspend.
suspend/bluetooth_obex_send_after_suspend	blocker	This is an automated Bluetooth file transfer test. It sends an image to the device specified by the BTDEVADDR environment variable.
suspend/bluetooth_obex_send_before_suspend	blocker	This is an automated Bluetooth file transfer test. It sends an image to the device specified by the BTDEVADDR environment variable.

suspend/clicking-after-suspend_PRODUCT_CATEGORY_1	blocker	PURPOSE:
		    This will test the buttons of your PRODUCT device after suspend
		STEPS:
		    1. Click the left button with your PRODUCT.
		    2. Click the right button with your PRODUCT.
		    3. Click the middle button with your PRODUCT (if available).
		    4. Double-click the left button with your PRODUCT.
		VERIFICATION:
		    Did these buttons work as expected?

suspend/cpu_after_suspend	blocker	Verify that all CPUs are online after resuming.
suspend/cpu_before_suspend	blocker	Verify that all the CPUs are online before suspending

Name	Certification status	Description

suspend/led_after_suspend/bluetooth	non-blocker	PURPOSE:
		    Validate that the Bluetooth LED turns on and off when BT is enabled/disabled after resuming from suspend
		STEPS:
		    1. Switch bluetooth off from a hardware switch (if present)
		    2. Switch bluetooth back on
		    3. Switch bluetooth off from the panel applet
		    4. Switch bluetooth back on
		VERIFICATION:
		    Did the bluetooth LED turn off and on twice after resuming from suspend?

suspend/led_after_suspend/caps-lock	blocker	PURPOSE:
		    Validate that the Caps Lock key operates the same before and after resuming from suspend
		STEPS:
		    1. Press "Block Cap Keys" to activate/deactivate cap keys blocking
		    2. Cap Keys LED should be switched on/off every time the key is pressed
		VERIFICATION:
		    Did the Cap Keys LED light as expected after resuming from suspend?

suspend/led_after_suspend/numeric-keypad	blocker	PURPOSE:
		    Validate that the numeric keypad LED operates the same before and after resuming from suspend
		STEPS:
		    1. Press "Block Num" key to toggle numeric keypad LED
		    2. Click on the "Test" button to open a window to verify your typing
		    3. Type using the numeric keypad both when the LED is on and off
		VERIFICATION:
		    1. Numeric keypad LED status should toggle everytime the "Block Num" key is pressed
		    2. Numbers should only be entered in the keyboard verification window when the LED is on

suspend/led_after_suspend/power	blocker	PURPOSE:
		    Validate that the power LED operated the same after resuming from suspend
		STEPS:
		    1. Power LED should be on while device is switched on
		VERIFICATION:
		    Does the power LED remain on after resuming from suspend?

suspend/led_after_suspend/wlan	non-blocker	PURPOSE:
		    WLAN LED verification after resuming from suspend
		STEPS:
		    1. Make sure WLAN connection is established
		    2. WLAN LED should light
		VERIFICATION:
		    Did the WLAN LED light as expected after resuming from suspend?

suspend/led_after_suspend/wlan-disabled	non-blocker	PURPOSE:
		    Validate that WLAN LED shuts off when disabled after resuming from suspend
		STEPS:
		    1. Connect to AP
		    2. Use Physical switch to disable WLAN
		    3. Re-enable
		    4. Use Network-Manager to disable WLAN
		VERIFICATION:
		    Did the LED turn off then WLAN is disabled after resuming from suspend?

suspend/memory_after_suspend	blocker	Verify that all memory is available after resuming from suspend.
suspend/memory_before_suspend	blocker	Dumps memory info to a file for comparison after suspend

suspend/microphone-plug-detection-after-suspend	blocker	PURPOSE:
		    Check that system detects a microphone being plugged in after suspend
		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).

suspend/network_after_suspend	blocker	Test the network after resuming.
suspend/network_before_suspend	blocker	Record the current network before suspending.

suspend/playback_headphones-after-suspend	blocker	PURPOSE:
		    This test will check that headphones connector works correctly after suspend
		STEPS:
		    1. Connect a pair of headphones to your audio device
		    2. Commence the test 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?

Name	Certification status	Description
suspend/pointing-after-suspend_PRODUCT_CATEGORY_1	blocker	PURPOSE: This will test your PRODUCT device after suspend. STEPS: 1. Move the cursor with your PRODUCT. VERIFICATION: Did the cursor move?
suspend/sdhc-insert-after-suspend	blocker	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.
suspend/sdhc-remove-after-suspend	blocker	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.
suspend/sdhc-storage-after-suspend	blocker	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.
suspend/speaker-headphone-plug-detection-after-suspend	blocker	PURPOSE: Check that system detects speakers or headphones being plugged in after suspend 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).
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.)
suspend/suspend_advanced_auto		This is the automated version of suspend/suspend_advanced.
suspend/usb3_insert_after_suspend	blocker	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.
suspend/usb3_remove_after_suspend	blocker	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.
suspend/usb3_storage_automated_after_suspend	blocker	This test is automated and executes after the suspend/usb3_insert_after_suspend test is run.

Name	Certification status	Description

suspend/usb_insert_after_suspend	blocker	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.

suspend/usb_remove_after_suspend	blocker	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.

suspend/usb_storage_automated_after_suspend	blocker	This test is automated and executes after the suspend/usb_insert_after_suspend test is run.

Touchpad tests

Name	Certification status	Description
touchpad/basic	blocker	PURPOSE: Touchpad manual verification STEPS: 1. Make sure that touchpad is enabled. 2. Move cursor using the touchpad. VERIFICATION: Did the cursor move?
touchpad/basic-after-suspend	blocker	PURPOSE: Touchpad manual verification STEPS: 1. Make sure that touchpad is enabled. 2. Move cursor using the touchpad. VERIFICATION: Did the cursor move?
touchpad/continuous-move	blocker	PURPOSE: Touchpad continuous move verification STEPS: 1. Select "Test" when ready and continuously move your cursor within the borders of the displayed test window. You'll need to keep moving your finger on the touchpad for 10 seconds. VERIFICATION: Did the mouse cursor move without interruption?
touchpad/continuous-move-after-suspend	blocker	PURPOSE: Touchpad continuous move verification STEPS: 1. Select "Test" when ready and continuously move your cursor within the borders of the displayed test window. You'll need to keep moving your finger on the touchpad for 10 seconds. VERIFICATION: Did the mouse cursor move without interruption?
touchpad/detected-as-mouse	blocker	PURPOSE: This test will check if your touchpad was detected as a mouse.
touchpad/detected-as-mouse-after-suspend	blocker	PURPOSE: This test will check if your touchpad was detected as a mouse.
touchpad/drag-and-drop	blocker	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 3. Drag the selected folder to the desktop and remove finger from touchpad. VERIFICATION: Did a selected folder move to the desktop?
touchpad/drag-and-drop-after-suspend	blocker	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 3. Drag the selected folder to the desktop and remove finger from touchpad. VERIFICATION: Did a selected folder move to the desktop?

Name	Certification status	Description
touchpad/multitouch-horizontal	blocker	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?
touchpad/multitouch-horizontal-after-suspend	blocker	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?
touchpad/multitouch-rightclick	blocker	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-rightclick-after-suspend	blocker	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	blocker	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?
touchpad/multitouch-vertical-after-suspend	blocker	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?
touchpad/palm-rejection	non-blocker	PURPOSE: This test checks if touchpad ignores palm touches STEPS: Select "Test" and follow the instruction on the screen VERIFICATION: Cursor should not have moved.
touchpad/palm-rejection-after-suspend	non-blocker	PURPOSE: This test checks if touchpad ignores palm touches STEPS: Select "Test" and follow the instruction on the screen VERIFICATION: Cursor should not have moved.
touchpad/singletouch-selection	blocker	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?
touchpad/singletouch-selection-after-suspend	blocker	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?

Touchscreen tests

Name	Certification status	Description
after-suspend-manual-touchscreen/3-touch-tap	blocker	PURPOSE: 　Validate that 3-touch tap is operating as expected STEPS: 　1. Commence the test 　2. Tap the screen with 3 fingers simultaneously. 　3. If the tap is not detected the test will time out after 20 seconds. VERIFICATION: 　Was the tap detected?
after-suspend-manual-touchscreen/4-touch-tap	blocker	PURPOSE: 　Validate that 4-touch tap is operating as expected STEPS: 　1. Commence the test 　2. Tap the screen with 4 fingers simultaneously. 　3. If the tap is not detected the test will time out after 20 seconds.
after-suspend-manual-touchscreen/drag-n-drop	blocker	PURPOSE: 　Check touchscreen drag & drop STEPS: 　1. Tap and hold an object on the desktop 　2. Drag and drop the object in a different location VERIFICATION: 　Does drag and drop work?
after-suspend-manual-touchscreen/multitouch-rotate		PURPOSE: 　Check touchscreen pinch gesture for rotate STEPS: 　1. Commence the test 　2. Using 2 fingers, rotate the blue square until it turns green, then release it. VERIFICATION: 　Did the blue square rotate following the gesture?
after-suspend-manual-touchscreen/multitouch-zoom	blocker	PURPOSE: 　Check touchscreen pinch gesture for zoom STEPS: 　1. Commence the test 　2. Using 2 fingers, resize the blue square until it turns green, then release it. VERIFICATION: 　Did the blue square change size following the gesture?
touchscreen/3-touch-tap	blocker	PURPOSE: 　Validate that 3-touch tap is operating as expected STEPS: 　1. Commence the test 　2. Tap the screen with 3 fingers simultaneously. 　3. If the tap is not detected the test will time out after 20 seconds. VERIFICATION: 　Was the tap detected?
touchscreen/4-touch-tap	blocker	PURPOSE: 　Validate that 4-touch tap is operating as expected STEPS: 　1. Commence the test 　2. Tap the screen with 4 fingers simultaneously. 　3. If the tap is not detected the test will time out after 20 seconds.
touchscreen/drag-n-drop	blocker	PURPOSE: 　Check touchscreen drag & drop STEPS: 　1. Tap and hold an object on the desktop 　2. Drag and drop the object in a different location VERIFICATION: 　Does drag and drop work?
touchscreen/multitouch-rotate		PURPOSE: 　Check touchscreen pinch gesture for rotate STEPS: 　1. Commence the test 　2. Using 2 fingers, rotate the blue square until it turns green, then release it. VERIFICATION: 　Did the blue square rotate following the gesture?

Name	Certification status	Description

touchscreen/multitouch-zoom	blocker	PURPOSE:
		  Check touchscreen pinch gesture for zoom
		STEPS:
		  1. Commence the test
		  2. Using 2 fingers, resize the blue square until it turns green, then release it.
		VERIFICATION:
		  Did the blue square change size following the gesture?

TPM 2.0 (Trusted Platform Module)

tpm2.0_4.1.1/pcr0_mismatch_check		Check the reconstruction of PCR0 using TPM event log
tpm2.0_4.1.1/tpm2_activecredential		tpm2_activecredential
tpm2.0_4.1.1/tpm2_attestation		tpm2_attestation
tpm2.0_4.1.1/tpm2_certify		tpm2_certify
tpm2.0_4.1.1/tpm2_certifycreation		tpm2_certifycreation
tpm2.0_4.1.1/tpm2_changeauth		tpm2_changeauth
tpm2.0_4.1.1/tpm2_checkquote		tpm2_checkquote
tpm2.0_4.1.1/tpm2_clear		tpm2_clear
tpm2.0_4.1.1/tpm2_clockrateadjust		tpm2_clockrateadjust
tpm2.0_4.1.1/tpm2_create		tpm2_create
tpm2.0_4.1.1/tpm2_createak		tpm2_createak
tpm2.0_4.1.1/tpm2_createek		tpm2_createek
tpm2.0_4.1.1/tpm2_createpolicy		tpm2_createpolicy
tpm2.0_4.1.1/tpm2_createprimary		tpm2_createprimary
tpm2.0_4.1.1/tpm2_dictionarylockout		tpm2_dictionarylockout
tpm2.0_4.1.1/tpm2_duplicate		tpm2_duplicate
tpm2.0_4.1.1/tpm2_evictcontrol		tpm2_evictcontrol
tpm2.0_4.1.1/tpm2_flushcontext		tpm2_flushcontext
tpm2.0_4.1.1/tpm2_getcap		tpm2_getcap
tpm2.0_4.1.1/tpm2_getekcertificate		tpm2_getekcertificate
tpm2.0_4.1.1/tpm2_getrandom		tpm2_getrandom
tpm2.0_4.1.1/tpm2_gettestresult		tpm2_gettestresult
tpm2.0_4.1.1/tpm2_gettime		tpm2_gettime
tpm2.0_4.1.1/tpm2_hash		tpm2_hash
tpm2.0_4.1.1/tpm2_hmac		tpm2_hmac
tpm2.0_4.1.1/tpm2_import		tpm2_import
tpm2.0_4.1.1/tpm2_import_tpm		tpm2_import_tpm
tpm2.0_4.1.1/tpm2_incrementalselftest		tpm2_incrementalselftest
tpm2.0_4.1.1/tpm2_load		tpm2_load
tpm2.0_4.1.1/tpm2_loadexternal		tpm2_loadexternal
tpm2.0_4.1.1/tpm2_makecredential		tpm2_makecredential
tpm2.0_4.1.1/tpm2_nv		tpm2_nv
tpm2.0_4.1.1/tpm2_nvcertify		tpm2_nvcertify
tpm2.0_4.1.1/tpm2_nvinc		tpm2_nvinc
tpm2.0_4.1.1/tpm2_output_formats		tpm2_output_formats
tpm2.0_4.1.1/tpm2_pcrevent		tpm2_pcrevent

Name	Certification status	Description
tpm2.0_4.1.1/tpm2_pcrextend		tpm2_pcrextend
tpm2.0_4.1.1/tpm2_pcrlist		tpm2_pcrlist
tpm2.0_4.1.1/tpm2_pcrreset		tpm2_pcrreset
tpm2.0_4.1.1/tpm2_print		tpm2_print
tpm2.0_4.1.1/tpm2_quote		tpm2_quote
tpm2.0_4.1.1/tpm2_rc_decode		tpm2_rc_decode
tpm2.0_4.1.1/tpm2_readclock		tpm2_readclock
tpm2.0_4.1.1/tpm2_readpublic		tpm2_readpublic
tpm2.0_4.1.1/tpm2_rsadecrypt		tpm2_rsadecrypt
tpm2.0_4.1.1/tpm2_rsaencrypt		tpm2_rsaencrypt
tpm2.0_4.1.1/tpm2_selftest		tpm2_selftest
tpm2.0_4.1.1/tpm2_send		tpm2_send
tpm2.0_4.1.1/tpm2_setclock		tpm2_setclock
tpm2.0_4.1.1/tpm2_setprimarypolicy		tpm2_setprimarypolicy
tpm2.0_4.1.1/tpm2_sign		tpm2_sign
tpm2.0_4.1.1/tpm2_startup		tpm2_startup
tpm2.0_4.1.1/tpm2_stirrandom		tpm2_stirrandom
tpm2.0_4.1.1/tpm2_testparms		tpm2_testparms
tpm2.0_4.1.1/tpm2_unseal		tpm2_unseal
tpm2.0_4.1.1/tpm2_verifysignature		tpm2_verifysignature

Uncategorised

cpu/cstates	blocker	Uses the Firmware Test Suite (fwts) to test the power saving states of the CPU.
install/apt-get-gets-updates		Tests to see that apt can access repositories and get updates (does not install updates). This is done to confirm that you could recover from an incomplete or broken update.
suspend/oops_after_suspend	blocker	Run Firmware Test Suite (fwts) oops tests after suspend.

USB tests

after-suspend-manual-usb-c/c-to-a-adapter/hid	blocker	PURPOSE: This test will check that you can use a USB HID device plugged in a USB Type-C port using a "USB Type-C to Type-A" adapter STEPS: 1. Enable either a USB mouse or keyboard by plugging it in the USB Type-C port using a "USB Type-C to Type-A" adapter 2. For mice, perform actions such as moving the pointer, right and left button clicks and double clicks 3. For keyboards, switch to another tty and type some text VERIFICATION: Did the device work as expected?
after-suspend-manual-usb-c/c-to-a-adapter/insert	blocker	PURPOSE: This test will check that the system correctly detects the insertion of a USB 3 storage device in a USB Type-C connector using a "Type-C to Type-A" adapter STEPS: 1. Commence the test 2. Connect a USB 3 storage device to a USB Type-C port using a "Type-C to Type-A" adapter 3. Do not unplug the device after the test. VERIFICATION: The verification of this test is automated. Do not change the automatically selected result.

Name	Certification status	Description
after-suspend-manual-usb-c/c-to-a-adapter/remove	blocker	PURPOSE: This test will check that the system correctly detects the removal of a USB 3 storage device connected to a USB Type-C port using a "USB Type-C to Type-A" adapter. STEPS: 1. Commence the test 2. Disconnect a USB 3 storage device to a USB Type-C port using a "Type-C to Type-A" adapter VERIFICATION: The verification of this test is automated. Do not change the automatically selected result.
after-suspend-manual-usb-c/c-to-a-adapter/storage-automated	blocker	This test is automated and executes after the usb-c/c-to-a-adapter/insert test is run.
after-suspend-manual-usb-c/c-to-ethernet-adapter-insert		PURPOSE: This test will check if system detects network interface of the Type-C to ethernet adapter. STEPS: 1. Prepare USB Type-C to Ethernet adapter 2. Start the test 3. When the message "INSERT NOW" is shown, plug in the adapter to Type-C port
after-suspend-manual-usb-c/hid	blocker	PURPOSE: This test will check that you can use a USB HID device plugged in a USB Type-C port STEPS: 1. Enable either a USB mouse or keyboard by plugging it in the USB Type-C port 2. For mice, perform actions such as moving the pointer, right and left button clicks and double clicks 3. For keyboards, switch to another tty and type some text VERIFICATION: Did the device work as expected?
after-suspend-manual-usb-c/insert	blocker	PURPOSE: This test will check that the system correctly detects the insertion of a USB 3 storage device in a USB Type-C connector STEPS: 1. Commence the test 2. Connect a USB 3 storage device to a USB Type-C port 3. Do not unplug the device after the test. VERIFICATION: The verification of this test is automated. Do not change the automatically selected result.
after-suspend-manual-usb-c/remove	blocker	PURPOSE: This test will check that the system correctly detects the removal of a USB 3 storage device connected to a USB Type-C port. STEPS: 1. Commence the test 2. Disconnect a USB 3 storage device to a USB Type-C port VERIFICATION: The verification of this test is automated. Do not change the automatically selected result.
after-suspend-manual-usb-c/storage-automated	blocker	This test is automated and executes after the usb-c/insert test is run.
usb-c/c-to-a-adapter/hid	blocker	PURPOSE: This test will check that you can use a USB HID device plugged in a USB Type-C port using a "USB Type-C to Type-A" adapter STEPS: 1. Enable either a USB mouse or keyboard by plugging it in the USB Type-C port using a "USB Type-C to Type-A" adapter 2. For mice, perform actions such as moving the pointer, right and left button clicks and double clicks 3. For keyboards, switch to another tty and type some text VERIFICATION: Did the device work as expected?
usb-c/c-to-a-adapter/insert	blocker	PURPOSE: This test will check that the system correctly detects the insertion of a USB 3 storage device in a USB Type-C connector using a "Type-C to Type-A" adapter STEPS: 1. Commence the test 2. Connect a USB 3 storage device to a USB Type-C port using a "Type-C to Type-A" adapter 3. Do not unplug the device after the test. VERIFICATION: The verification of this test is automated. Do not change the automatically selected result.

Name	Certification status	Description
usb-c/c-to-a-adapter/remove	blocker	PURPOSE: This test will check that the system correctly detects the removal of a USB 3 storage device connected to a USB Type-C port using a "USB Type-C to Type-A" adapter. STEPS: 1. Commence the test 2. Disconnect a USB 3 storage device to a USB Type-C port using a "Type-C to Type-A" adapter VERIFICATION: The verification of this test is automated. Do not change the automatically selected result.
usb-c/c-to-a-adapter/storage-automated	blocker	This test is automated and executes after the usb-c/c-to-a-adapter/insert test is run.
usb-c/c-to-ethernet-adapter-insert		PURPOSE: This test will check if system detects network interface of the Type-C to ethernet adapter. STEPS: 1. Prepare USB Type-C to Ethernet adapter 2. Start the test 3. When the message "INSERT NOW" is shown, plug in the adapter to Type-C port
usb-c/hid	blocker	PURPOSE: This test will check that you can use a USB HID device plugged in a USB Type-C port STEPS: 1. Enable either a USB mouse or keyboard by plugging it in the USB Type-C port 2. For mice, perform actions such as moving the pointer, right and left button clicks and double clicks 3. For keyboards, switch to another tty and type some text VERIFICATION: Did the device work as expected?
usb-c/insert	blocker	PURPOSE: This test will check that the system correctly detects the insertion of a USB 3 storage device in a USB Type-C connector STEPS: 1. Commence the test 2. Connect a USB 3 storage device to a USB Type-C port 3. Do not unplug the device after the test. VERIFICATION: The verification of this test is automated. Do not change the automatically selected result.
usb-c/remove	blocker	PURPOSE: This test will check that the system correctly detects the removal of a USB 3 storage device connected to a USB Type-C port. STEPS: 1. Commence the test 2. Disconnect a USB 3 storage device to a USB Type-C port VERIFICATION: The verification of this test is automated. Do not change the automatically selected result.
usb-c/storage-automated	blocker	This test is automated and executes after the usb-c/insert test is run.

usb/HID	blocker	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, commence the test to launch a small tool. Type some text and close the
		tool.
		VERIFICATION:
		  Did the device work as expected?

usb/detect	blocker	Detects and shows USB devices attached to this system.
usb/insert	blocker	PURPOSE: Check system can detect USB 2.0 storage when inserted STEPS: 1. Press continue 2. Wait until the message "INSERT NOW" is printed on the screen 3. Connect USB 2.0 storage device VERIFICATION: The verification of this test is automated. Do not change the automatically selected result.

Name	Certification status	Description
usb/remove	blocker	PURPOSE: Check system can detect removal of a USB 2.0 storage device STEPS: 1. Press continue 2. Wait until the message "REMOVE NOW" is printed on the screen 3. Disconnect USB 2.0 storage device VERIFICATION: The verification of this test is automated. Do not change the automatically selected result.
usb/storage-automated	blocker	PURPOSE: Check system can read/write to USB 2.0 storage correctly STEPS: 1. This task is fully automatic and need USB 2.0 insertion test was applied first. VERIFICATION: This task is fully automatic and will verify the result for you.
usb3/insert	blocker	PURPOSE: Check system can detect insertion of a USB 3.0 storage device STEPS: 1. Press continue 2. Wait until the message "INSERT NOW" is printed on the screen 3. Connect USB 3.0 storage device VERIFICATION: The verification of this test is automated. Do not change the automatically selected result.
usb3/remove	blocker	PURPOSE: Check system can detect removal of a USB 3.0 storage device STEPS: 1. Press continue 2. Wait until the message "REMOVE NOW" is printed on the screen 3. Disconnect USB 3.0 storage device VERIFICATION: The verification of this test is automated. Do not change the automatically selected result.
usb3/storage-automated	blocker	PURPOSE: Check system can read/write to USB 3.0 storage devices correctly STEPS: 1. This task is fully automatic and need USB 3.0 insertion test was applied first. VERIFICATION: This task is fully automatic and will verify the result for you.

Wireless networking tests

Name	Certification status	Description
after-suspend-manual-wireless/nm_connection_restore_INTERFACE		Restore any NetworkManager 802.11 configurations after testing after suspend (S3)
after-suspend-manual-wireless/nm_connection_save_INTERFACE		Save any NetworkManager 802.11 configurations prior to testing after suspend (S3)
after-suspend-manual-wireless/ wireless_connection_open_ac_nm_INTERFACE	blocker	PURPOSE: Check system can connect to insecure 802.11ac AP
after-suspend-manual-wireless/ wireless_connection_open_ax_nm_INTERFACE	blocker	PURPOSE: Check system can connect to insecure 802.11ax AP
after-suspend-manual-wireless/ wireless_connection_open_bg_nm_INTERFACE	blocker	PURPOSE: Check system can connect to insecure 802.11b/g AP
after-suspend-manual-wireless/ wireless_connection_open_n_nm_INTERFACE	blocker	PURPOSE: Check system can connect to insecure 802.11n AP
after-suspend-manual-wireless/ wireless_connection_wpa_ac_nm_INTERFACE	blocker	PURPOSE: Check system can connect to 802.11ac AP with wpa security
after-suspend-manual-wireless/ wireless_connection_wpa_ax_nm_INTERFACE	blocker	PURPOSE: Check system can connect to 802.11ax AP with wpa security
after-suspend-manual-wireless/ wireless_connection_wpa_bg_nm_INTERFACE	blocker	PURPOSE: Check system can connect to 802.11b/g AP with wpa security
after-suspend-manual-wireless/ wireless_connection_wpa_n_nm_INTERFACE	blocker	PURPOSE: Check system can connect to 802.11n AP with wpa security
wireless/nm_connection_restore_INTERFACE		Restore any NetworkManager 802.11 configurations after testing
wireless/nm_connection_save_INTERFACE		Save any NetworkManager 802.11 configurations prior to testing
wireless/wireless_connection_open_ac_nm_INTERFACE	blocker	PURPOSE: Check system can connect to insecure 802.11ac AP

Name	Certification status	Description
wireless/wireless_connection_open_ax_nm_INTERFACE	blocker	PURPOSE: Check system can connect to insecure 802.11ax AP
wireless/wireless_connection_open_bg_nm_INTERFACE	blocker	PURPOSE: Check system can connect to insecure 802.11b/g AP
wireless/wireless_connection_open_n_nm_INTERFACE	blocker	PURPOSE: Check system can connect to insecure 802.11n AP
wireless/wireless_connection_wpa_ac_nm_INTERFACE	blocker	PURPOSE: Check system can connect to 802.11ac AP with wpa security
wireless/wireless_connection_wpa_ax_nm_INTERFACE	blocker	PURPOSE: Check system can connect to 802.11ax AP with wpa security
wireless/wireless_connection_wpa_bg_nm_INTERFACE	blocker	PURPOSE: Check system can connect to 802.11b/g AP with wpa security
wireless/wireless_connection_wpa_n_nm_INTERFACE	blocker	PURPOSE: Check system can connect to 802.11n AP with wpa security
wireless/wireless_scanning_INTERFACE	blocker	Check system can find a wireless network AP nearby