

Name	Description
<b>CPU tests</b>	
cpu/arm_vfp_support_armv7l	Validate that the Vector Floating Point Unit is running on armv7l device.
cpu/clocktest	Runs a test for clock jitter on SMP machines.
cpu/scaling_test	Use Firmware Test Suite (fwts cpufreq) to test the scaling capabilities of the CPU.
<b>Disk tests</b>	
disk/detect	Uses lsblk to gather information about each disk detected on the system under test.
<b>Ethernet Device tests</b>	
after-suspend-ethernet/detect	Test to detect and return information about available network controllers on the system under test.
after-suspend-ethernet/ping_eth0	Check Ethernet works by pinging another machine
ethernet/detect	Test to detect and return information about available network controllers on the system under test.
ethernet/ping_eth0	Check Ethernet works by pinging another machine
<b>General Purpose I/O</b>	
after-suspend-gpio/sysfs_loopback_pairs_pi2	Test that image is using the correct snappy store configuration. after suspend (S3)
gpio/sysfs_loopback_pairs_pi2	Test that image is using the correct snappy store configuration.
<b>I2C (Inter-Integrated Circuit)</b>	
i2c/i2c-bus-detect	PURPOSE: Verify if number of detected I2C bus is as expected STEPS: 1. This task is fully automatic, when expected i2c bus number(\$I2C_BUS_NUMBER) is set, this job will verify if detected number of i2c bus is as expected. 2. If expected i2c bus number is not set, this job will pass if system detected there's at least one i2c bus.
i2c/i2c-device-detect	PURPOSE: Verify if there's any I2C device STEPS: 1. This task is fully automatic, test will pass if there's at least one i2c device detected on any I2C bus.
<b>Informational tests</b>	
info/systemd-analyze	System boot-up performance statistics
<b>Location Service</b>	
after-suspend-location/status	Queries the status of a service instance after suspend (S3)
location/status	Queries the status of a service instance
<b>Media Card tests</b>	
mediacard/storage-preinserted-mmcbk0p1	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk0p2	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
<b>Memory tests</b>	
memory/info	This test checks the amount of memory which is reporting in meminfo against the size of the memory modules detected by DMI.
<b>Power and Power Management</b>	
watchdog/systemd-config	Check if the hardware watchdog is properly configured

Name	Description
<b>Snappy Ubuntu Core</b>	
snappy/snap-install	PURPOSE: The store should contain the basic test-snapd-tools snap makes sure this can be downloaded and installed on the system.
snappy/snap-list	PURPOSE: If snap list command is working then should at least find the ubuntu-core package.
snappy/snap-refresh-automated	PURPOSE: Automatically check test-snapd-tools snap can be refreshed by snap refresh
snappy/snap-remove	PURPOSE: After having installed the test-snapd-tools snap, check it can removed.
snappy/snap-reupdate-automated	PURPOSE: Automatically check test-snapd-tools snap can be refreshed after removal of the blacklisted revision
snappy/snap-revert-automated	PURPOSE: Automatically check test-snapd-tools snap can be reverted by snap revert
snappy/snap-search	PURPOSE: If snap find command is working then should find hello-world in the store.
snappy/test-store-install-beta	PURPOSE: Test the snappy install command is able to install and remove snap in beta channel store.
snappy/test-store-install-edge	PURPOSE: Test the snappy install command is able to install snap in edge channel store.

**Suspend tests**

suspend/suspend_advanced_auto	This is the automated version of suspend/suspend_advanced.
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Name	Description
<b>Bluetooth - BlueZ Self Tests</b>	
after-suspend-bluetooth/bluez-internal-hci-tests_Reset	Runs a specific test from the hci test suite
bluetooth/bluez-internal-bnep-tests_Basic BNEP Socket - Success	Runs a specific test from the bnep test suite
bluetooth/bluez-internal-hci-tests_Create Connection	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Inquiry (LIAC)	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_LE Clear White List	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_LE Encrypt	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_LE Generate DHKey	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_LE Rand	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_LE Read White List Size	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read BD_ADDR	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read Buffer Size	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read Local Extended Features	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read Local Supported Commands	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read Local Supported Features	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read Local Version Information	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Reset	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_TP/DSU/BV-02-C Reset in Advertising State	Runs a specific test from the hci test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket - Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Client - Conn Refused	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Client - Read Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Client - Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Client - Write Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Server - Conn Refused	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Server - Read Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Server - Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Server - Write Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-uc-tests_User channel open - Failed	Runs a specific test from the user channel test suite
bluetooth/bluez-internal-uc-tests_User channel open - Power Toggle Success	Runs a specific test from the user channel test suite
bluetooth/bluez-internal-uc-tests_User channel open - Success	Runs a specific test from the user channel test suite

**Bluetooth tests**

after-suspend-bluetooth4/beacon_eddystone_url_hci0	Test system can get beacon EddyStone URL advertisements on the hci0 adapter after suspend (S3)
bluetooth/bluez-controller-detect	Check bluez lists a controller if rkill detects one
bluetooth/detect	Make sure at least one bluetooth device is detected
bluetooth4/beacon_eddystone_url_hci0	Test system can get beacon EddyStone URL advertisements on the hci0 adapter

**CPU tests**

cpu/arm_vfp_support_aarch64	Validate that the Floating Point Unit is running on aarch64 device.
cpu/clocktest	Runs a test for clock jitter on SMP machines.
cpu/scaling_test	Use Firmware Test Suite (fws cpufreq) to test the scaling capabilities of the CPU.

**Disk tests**

disk/detect	Uses lsblk to gather information about each disk detected on the system under test.
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**Ethernet Device tests**

after-suspend-ethernet/detect	Test to detect and return information about available network controllers on the system under test.
after-suspend-ethernet/ping_eth0	Check Ethernet works by pinging another machine
ethernet/detect	Test to detect and return information about available network controllers on the system under test.
ethernet/ping_eth0	Check Ethernet works by pinging another machine

**I2C (Inter-Integrated Circuit)**

i2c/i2c-bus-detect	PURPOSE: Verify if number of detected I2C bus is as expected STEPS: 1. This task is fully automatic, when expected i2c bus number(\$I2C_BUS_NUMBER) is set, this job will verify if detected number of i2c bus is as expected. 2. If expected i2c bus number is not set, this job will pass if system detected there's at least one i2c bus.
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Name	Description
i2c/i2c-device-detect	PURPOSE: Verify if there's any I2C device STEPS: 1. This task is fully automatic, test will pass if there's at least one i2c device detected on any I2C bus.

### Informational tests

info/systemd-analyze	System boot-up performance statistics
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### Location Service

after-suspend-location/status	Queries the status of a service instance after suspend (S3)
location/status	Queries the status of a service instance

### Media Card tests

mediacard/storage-preinserted-mmcbk0p1	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk0p10	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk0p2	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk0p3	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk0p4	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk0p5	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk0p6	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk0p7	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk0p8	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk0p9	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk1p1	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk1p2	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk1p3	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk1p4	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk1p5	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk1p6	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk1p7	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk1p8	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk1p9	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.

### Memory tests

memory/info	This test checks the amount of memory which is reporting in meminfo against the size of the memory modules detected by DMI.
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### Power and Power Management

watchdog/systemd-config	Check if the hardware watchdog is properly configured
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### Snappy Ubuntu Core

snappy/snap-install	PURPOSE: The store should contain the basic test-snappd-tools snap makes sure this can be downloaded and installed on the system.
snappy/snap-list	PURPOSE: If snap list command is working then should at least find the ubuntu-core package.
snappy/snap-refresh-automated	PURPOSE: Automatically check test-snappd-tools snap can be refreshed by snap refresh
snappy/snap-remove	PURPOSE: After having installed the test-snappd-tools snap, check it can removed.
snappy/snap-reupdate-automated	PURPOSE: Automatically check test-snappd-tools snap can be refreshed after removal of the blacklisted revision
snappy/snap-revert-automated	PURPOSE: Automatically check test-snappd-tools snap can be reverted by snap revert
snappy/snap-search	PURPOSE: If snap find command is working then should find hello-world in the store.
snappy/test-store-install-beta	PURPOSE: Test the snappy install command is able to install and remove snap in beta channel store.

Name	Description
snappy/test-store-install-edge	PURPOSE: Test the snappy install command is able to install snap in edge channel store.

### Suspend tests

suspend/suspend_advanced_auto	This is the automated version of suspend/suspend_advanced.
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### Wi-Fi access point

wireless/wifi_ap_open_b_no_sta_wlan0_auto	Check that the system can create an open 802.11b Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using 'iw' command.
wireless/wifi_ap_open_g_no_sta_wlan0_auto	Check that the system can create an open 802.11g Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using 'iw' command.
wireless/wifi_ap_setup_wizard_wlan0_auto	Check that the system can create a WPA2 802.11g Access Point using wifi-ap.setup-wizard command on wlan0.
wireless/wifi_ap_wpa_b_no_sta_wlan0_auto	Check that the system can create an open 802.11b Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using 'iw' command.
wireless/wifi_ap_wpa_g_no_sta_wlan0_auto	Check that the system can create an open 802.11g Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using 'iw' command.

### Wireless networking tests

after-suspend-wireless/wireless_connection_open_ac_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11ac AP
after-suspend-wireless/wireless_connection_open_bg_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11b/g AP
after-suspend-wireless/wireless_connection_open_n_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11n AP
after-suspend-wireless/wireless_connection_wpa_ac_nm_wlan0	PURPOSE: Check system can connect to 802.11ac AP with wpa security
after-suspend-wireless/wireless_connection_wpa_bg_nm_wlan0	PURPOSE: Check system can connect to 802.11b/g AP with wpa security
after-suspend-wireless/wireless_connection_wpa_n_nm_wlan0	PURPOSE: Check system can connect to 802.11n AP with wpa security
after-suspend-wireless/wireless_scanning_wlan0	Check system can find a wireless network AP nearby
wireless/wireless_connection_open_ac_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11ac AP
wireless/wireless_connection_open_bg_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11b/g AP
wireless/wireless_connection_open_n_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11n AP
wireless/wireless_connection_wpa_ac_nm_wlan0	PURPOSE: Check system can connect to 802.11ac AP with wpa security
wireless/wireless_connection_wpa_bg_nm_wlan0	PURPOSE: Check system can connect to 802.11b/g AP with wpa security
wireless/wireless_connection_wpa_n_nm_wlan0	PURPOSE: Check system can connect to 802.11n AP with wpa security
wireless/wireless_scanning_wlan0	Check system can find a wireless network AP nearby

Name	Description
<b>CPU tests</b>	
cpu/arm_vfp_support_armv7l	Validate that the Vector Floating Point Unit is running on armv7l device.
cpu/clocktest	Runs a test for clock jitter on SMP machines.
cpu/scaling_test	Use Firmware Test Suite (fwts cpufreq) to test the scaling capabilities of the CPU.
<b>Disk tests</b>	
disk/detect	Uses lsblk to gather information about each disk detected on the system under test.
<b>Ethernet Device tests</b>	
after-suspend-ethernet/detect	Test to detect and return information about available network controllers on the system under test.
after-suspend-ethernet/ping_eth0	Check Ethernet works by pinging another machine
ethernet/detect	Test to detect and return information about available network controllers on the system under test.
ethernet/ping_eth0	Check Ethernet works by pinging another machine
<b>General Purpose I/O</b>	
after-suspend-gpio/sysfs_loopback_pairs_pi3	Test that image is using the correct snappy store configuration. after suspend (S3)
gpio/sysfs_loopback_pairs_pi3	Test that image is using the correct snappy store configuration.
<b>I2C (Inter-Integrated Circuit)</b>	
i2c/i2c-bus-detect	PURPOSE: Verify if number of detected I2C bus is as expected STEPS: 1. This task is fully automatic, when expected i2c bus number(\$I2C_BUS_NUMBER) is set, this job will verify if detected number of i2c bus is as expected. 2. If expected i2c bus number is not set, this job will pass if system detected there's at least one i2c bus.
i2c/i2c-device-detect	PURPOSE: Verify if there's any I2C device STEPS: 1. This task is fully automatic, test will pass if there's at least one i2c device detected on any I2C bus.
<b>Informational tests</b>	
info/systemd-analyze	System boot-up performance statistics
<b>Location Service</b>	
after-suspend-location/status	Queries the status of a service instance after suspend (S3)
location/status	Queries the status of a service instance
<b>Media Card tests</b>	
mediacard/storage-preinserted-mmcbk0p1	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk0p2	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
<b>Memory tests</b>	
memory/info	This test checks the amount of memory which is reporting in meminfo against the size of the memory modules detected by DMI.
<b>Power and Power Management</b>	
watchdog/systemd-config	Check if the hardware watchdog is properly configured
<b>Snappy Ubuntu Core</b>	
snappy/snap-install	PURPOSE: The store should contain the basic test-snapd-tools snap makes sure this can be downloaded and installed on the system.
snappy/snap-list	PURPOSE: If snap list command is working then should at least find the ubuntu-core package.
snappy/snap-refresh-automated	PURPOSE: Automatically check test-snapd-tools snap can be refreshed by snap refresh
snappy/snap-remove	PURPOSE: After having installed the test-snapd-tools snap, check it can be removed.
snappy/snap-reupdate-automated	PURPOSE: Automatically check test-snapd-tools snap can be refreshed after removal of the blacklisted revision

Name	Description
snappy/snap-revert-automated	PURPOSE: Automatically check test-snapd-tools snap can be reverted by snap revert
snappy/snap-search	PURPOSE: If snap find command is working then should find hello-world in the store.
snappy/test-store-install-beta	PURPOSE: Test the snappy install command is able to install and remove snap in beta channel store.
snappy/test-store-install-edge	PURPOSE: Test the snappy install command is able to install snap in edge channel store.

### Suspend tests

suspend/suspend_advanced_auto	This is the automated version of suspend/suspend_advanced.
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### Wi-Fi access point

wireless/wifi_ap_open_b_no_sta_wlan0_auto	Check that the system can create an open 802.11b Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using 'iw' command.
wireless/wifi_ap_open_g_no_sta_wlan0_auto	Check that the system can create an open 802.11g Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using 'iw' command.
wireless/wifi_ap_setup_wizard_wlan0_auto	Check that the system can create a WPA2 802.11g Access Point using wifi-ap.setup-wizard command on wlan0.
wireless/wifi_ap_wpa_b_no_sta_wlan0_auto	Check that the system can create an open 802.11b Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using 'iw' command.
wireless/wifi_ap_wpa_g_no_sta_wlan0_auto	Check that the system can create an open 802.11g Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using 'iw' command.

### Wireless networking tests

after-suspend-wireless/wireless_connection_open_ac_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11ac AP
after-suspend-wireless/wireless_connection_open_bg_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11b/g AP
after-suspend-wireless/wireless_connection_open_n_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11n AP
after-suspend-wireless/wireless_connection_wpa_ac_nm_wlan0	PURPOSE: Check system can connect to 802.11ac AP with wpa security
after-suspend-wireless/wireless_connection_wpa_bg_nm_wlan0	PURPOSE: Check system can connect to 802.11b/g AP with wpa security
after-suspend-wireless/wireless_connection_wpa_n_nm_wlan0	PURPOSE: Check system can connect to 802.11n AP with wpa security
after-suspend-wireless/wireless_scanning_wlan0	Check system can find a wireless network AP nearby
wireless/wireless_connection_open_ac_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11ac AP
wireless/wireless_connection_open_bg_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11b/g AP
wireless/wireless_connection_open_n_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11n AP
wireless/wireless_connection_wpa_ac_nm_wlan0	PURPOSE: Check system can connect to 802.11ac AP with wpa security
wireless/wireless_connection_wpa_bg_nm_wlan0	PURPOSE: Check system can connect to 802.11b/g AP with wpa security
wireless/wireless_connection_wpa_n_nm_wlan0	PURPOSE: Check system can connect to 802.11n AP with wpa security
wireless/wireless_scanning_wlan0	Check system can find a wireless network AP nearby

Name	Description
<b>Bluetooth - BlueZ Self Tests</b>	
after-suspend-bluetooth/bluez-internal-hci-tests_Reset	Runs a specific test from the hci test suite
bluetooth/bluez-internal-bnep-tests_Basic BNEP Socket - Success	Runs a specific test from the bnep test suite
bluetooth/bluez-internal-hci-tests_Create Connection	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Inquiry (LIAC)	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_LE Clear White List	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_LE Encrypt	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_LE Generate DHKey	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_LE Rand	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_LE Read White List Size	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read BD_ADDR	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read Buffer Size	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read Local Extended Features	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read Local Supported Commands	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read Local Supported Features	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read Local Version Information	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Reset	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_TP/DSU/BV-02-C Reset in Advertising State	Runs a specific test from the hci test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket - Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Client - Conn Refused	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Client - Read Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Client - Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Client - Write Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Server - Conn Refused	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Server - Read Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Server - Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Server - Write Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-uc-tests_User channel open - Failed	Runs a specific test from the user channel test suite
bluetooth/bluez-internal-uc-tests_User channel open - Power Toggle Success	Runs a specific test from the user channel test suite
bluetooth/bluez-internal-uc-tests_User channel open - Success	Runs a specific test from the user channel test suite

**Bluetooth tests**

after-suspend-bluetooth4/beacon_eddystone_url_hci0	Test system can get beacon EddyStone URL advertisements on the hci0 adapter after suspend (S3)
after-suspend-bluetooth4/beacon_eddystone_url_hci1	Test system can get beacon EddyStone URL advertisements on the hci1 adapter after suspend (S3)
bluetooth/bluez-controller-detect	Check bluez lists a controller if rkill detects one
bluetooth/detect	Make sure at least one bluetooth device is detected
bluetooth4/beacon_eddystone_url_hci0	Test system can get beacon EddyStone URL advertisements on the hci0 adapter
bluetooth4/beacon_eddystone_url_hci1	Test system can get beacon EddyStone URL advertisements on the hci1 adapter

**CPU tests**

cpu/arm_vfp_support_armv7l	Validate that the Vector Floating Point Unit is running on armv7l device.
cpu/clocktest	Runs a test for clock jitter on SMP machines.
cpu/scaling_test	Use Firmware Test Suite (fwts cpufreq) to test the scaling capabilities of the CPU.

**Disk tests**

disk/detect	Uses lsblk to gather information about each disk detected on the system under test.
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**Ethernet Device tests**

after-suspend-ethernet/detect	Test to detect and return information about available network controllers on the system under test.
after-suspend-ethernet/ping_eth0	Check Ethernet works by pinging another machine
ethernet/detect	Test to detect and return information about available network controllers on the system under test.
ethernet/ping_eth0	Check Ethernet works by pinging another machine

**General Purpose I/O**

after-suspend-gpio/sysfs_loopback_pairs_pi3	Test that image is using the correct snappy store configuration. after suspend (S3)
gpio/sysfs_loopback_pairs_pi3	Test that image is using the correct snappy store configuration.

Name	Description
<b>I2C (Inter-Integrated Circuit)</b>	
i2c/i2c-bus-detect	PURPOSE: Verify if number of detected I2C bus is as expected STEPS: 1. This task is fully automatic, when expected i2c bus number(\$I2C_BUS_NUMBER) is set, this job will verify if detected number of i2c bus is as expected. 2. If expected i2c bus number is not set, this job will pass if system detected there's at least one i2c bus.
i2c/i2c-device-detect	PURPOSE: Verify if there's any I2C device STEPS: 1. This task is fully automatic, test will pass if there's at least one i2c device detected on any I2C bus.
<b>Informational tests</b>	
info/systemd-analyze	System boot-up performance statistics
<b>Location Service</b>	
after-suspend-location/status	Queries the status of a service instance after suspend (S3)
location/status	Queries the status of a service instance
<b>Media Card tests</b>	
mediacard/storage-preinserted-mmcbk0p1	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk0p2	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
<b>Memory tests</b>	
memory/info	This test checks the amount of memory which is reporting in meminfo against the size of the memory modules detected by DMI.
<b>Power and Power Management</b>	
watchdog/systemd-config	Check if the hardware watchdog is properly configured
<b>Snappy Ubuntu Core</b>	
snappy/snap-install	PURPOSE: The store should contain the basic test-snapd-tools snap makes sure this can be downloaded and installed on the system.
snappy/snap-list	PURPOSE: If snap list command is working then should at least find the ubuntu-core package.
snappy/snap-refresh-automated	PURPOSE: Automatically check test-snapd-tools snap can be refreshed by snap refresh
snappy/snap-remove	PURPOSE: After having installed the test-snapd-tools snap, check it can removed.
snappy/snap-reupdate-automated	PURPOSE: Automatically check test-snapd-tools snap can be refreshed after removal of the blacklisted revision
snappy/snap-revert-automated	PURPOSE: Automatically check test-snapd-tools snap can be reverted by snap revert
snappy/snap-search	PURPOSE: If snap find command is working then should find hello-world in the store.
snappy/test-store-install-beta	PURPOSE: Test the snappy install command is able to install and remove snap in beta channel store.
snappy/test-store-install-edge	PURPOSE: Test the snappy install command is able to install snap in edge channel store.
<b>Suspend tests</b>	
suspend/suspend_advanced_auto	This is the automated version of suspend/suspend_advanced.
<b>Wi-Fi access point</b>	
wireless/wifi_ap_open_b_no_sta_wlan0_auto	Check that the system can create an open 802.11b Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using `iw` command.
wireless/wifi_ap_open_g_no_sta_wlan0_auto	Check that the system can create an open 802.11g Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using `iw` command.
wireless/wifi_ap_setup_wizard_wlan0_auto	Check that the system can create a WPA2 802.11g Access Point using wifi-ap.setup-wizard command on wlan0.
wireless/wifi_ap_wpa_b_no_sta_wlan0_auto	Check that the system can create an open 802.11b Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using `iw` command.
wireless/wifi_ap_wpa_g_no_sta_wlan0_auto	Check that the system can create an open 802.11g Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using `iw` command.
<b>Wireless networking tests</b>	
after-suspend-wireless/wireless_connection_open_ac_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11ac AP
after-suspend-wireless/wireless_connection_open_bg_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11b/g AP
after-suspend-wireless/wireless_connection_open_n_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11n AP
after-suspend-wireless/wireless_connection_wpa_ac_nm_wlan0	PURPOSE: Check system can connect to 802.11ac AP with wpa security

Name	Description
after-suspend-wireless/wireless_connection_wpa_bg_nm_wlan0	PURPOSE: Check system can connect to 802.11b/g AP with wpa security
after-suspend-wireless/wireless_connection_wpa_n_nm_wlan0	PURPOSE: Check system can connect to 802.11n AP with wpa security
after-suspend-wireless/wireless_scanning_wlan0	Check system can find a wireless network AP nearby
wireless/wireless_connection_open_ac_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11ac AP
wireless/wireless_connection_open_bg_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11b/g AP
wireless/wireless_connection_open_n_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11n AP
wireless/wireless_connection_wpa_ac_nm_wlan0	PURPOSE: Check system can connect to 802.11ac AP with wpa security
wireless/wireless_connection_wpa_bg_nm_wlan0	PURPOSE: Check system can connect to 802.11b/g AP with wpa security
wireless/wireless_connection_wpa_n_nm_wlan0	PURPOSE: Check system can connect to 802.11n AP with wpa security
wireless/wireless_scanning_wlan0	Check system can find a wireless network AP nearby

Name	Description
<b>Bluetooth - BlueZ Self Tests</b>	
after-suspend-bluetooth/bluez-internal-hci-tests_Reset	Runs a specific test from the hci test suite
bluetooth/bluez-internal-bnep-tests_Basic BNEP Socket - Success	Runs a specific test from the bnep test suite
bluetooth/bluez-internal-hci-tests_Create Connection	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Inquiry (LIAC)	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_LE Clear White List	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_LE Encrypt	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_LE Generate DHKey	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_LE Rand	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_LE Read White List Size	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read BD_ADDR	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read Buffer Size	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read Local Extended Features	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read Local Supported Commands	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read Local Supported Features	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Read Local Version Information	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_Reset	Runs a specific test from the hci test suite
bluetooth/bluez-internal-hci-tests_TP/DSU/BV-02-C Reset in Advertising State	Runs a specific test from the hci test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket - Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Client - Conn Refused	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Client - Read Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Client - Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Client - Write Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Server - Conn Refused	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Server - Read Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Server - Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-rfcomm-tests_Basic RFCOMM Socket Server - Write Success	Runs a specific test from the rfcomm test suite
bluetooth/bluez-internal-uc-tests_User channel open - Failed	Runs a specific test from the user channel test suite
bluetooth/bluez-internal-uc-tests_User channel open - Power Toggle Success	Runs a specific test from the user channel test suite
bluetooth/bluez-internal-uc-tests_User channel open - Success	Runs a specific test from the user channel test suite

**Bluetooth tests**

after-suspend-bluetooth4/beacon_eddystone_url_hci0	Test system can get beacon EddyStone URL advertisements on the hci0 adapter after suspend (S3)
bluetooth/bluez-controller-detect	Check bluez lists a controller if rkill detects one
bluetooth/detect	Make sure at least one bluetooth device is detected
bluetooth4/beacon_eddystone_url_hci0	Test system can get beacon EddyStone URL advertisements on the hci0 adapter

**CPU tests**

cpu/arm_vfp_support_armv7l	Validate that the Vector Floating Point Unit is running on armv7l device.
cpu/clocktest	Runs a test for clock jitter on SMP machines.
cpu/scaling_test	Use Firmware Test Suite (fwts cpufreq) to test the scaling capabilities of the CPU.

**Disk tests**

disk/detect	Uses lsblk to gather information about each disk detected on the system under test.
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**Ethernet Device tests**

after-suspend-ethernet/detect	Test to detect and return information about available network controllers on the system under test.
after-suspend-ethernet/ping_eth0	Check Ethernet works by pinging another machine
ethernet/detect	Test to detect and return information about available network controllers on the system under test.
ethernet/ping_eth0	Check Ethernet works by pinging another machine

**General Purpose I/O**

after-suspend-gpio/sysfs_loopback_pairs_ubuntu-core-18-pi3	Test that image is using the correct snappy store configuration. after suspend (S3)
gpio/sysfs_loopback_pairs_ubuntu-core-18-pi3	Test that image is using the correct snappy store configuration.

**I2C (Inter-Integrated Circuit)**

i2c/i2c-bus-detect	<p>PURPOSE: Verify if number of detected I2C bus is as expected</p> <p>STEPS: 1. This task is fully automatic, when expected i2c bus number(\$I2C_BUS_NUMBER) is set, this job will verify if detected number of i2c bus is as expected. 2. If expected i2c bus number is not set, this job will pass if system detected there's at least one i2c bus.</p>
i2c/i2c-device-detect	<p>PURPOSE: Verify if there's any I2C device</p> <p>STEPS: 1. This task is fully automatic, test will pass if there's at least one i2c device detected on any I2C bus.</p>

**Informational tests**

info/systemd-analyze	System boot-up performance statistics
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**Location Service**

after-suspend-location/status	Queries the status of a service instance after suspend (S3)
location/status	Queries the status of a service instance

**Media Card tests**

mediacard/storage-preinserted-mmcbk0p1	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.
mediacard/storage-preinserted-mmcbk0p2	This is a fully automated version of mediacard/sd-automated and assumes that the system under test has a memory card device plugged in prior to checkbox execution.

**Memory tests**

memory/info	This test checks the amount of memory which is reporting in meminfo against the size of the memory modules detected by DMI.
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**Power and Power Management**

watchdog/systemd-config	Check if the hardware watchdog is properly configured
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**Snappy Ubuntu Core**

snappy/snap-install	<p>PURPOSE: The store should contain the basic test-snapd-tools snap makes sure this can be downloaded and installed on the system.</p>
snappy/snap-list	<p>PURPOSE: If snap list command is working then should at least find the ubuntu-core package.</p>
snappy/snap-refresh-automated	<p>PURPOSE: Automatically check test-snapd-tools snap can be refreshed by snap refresh</p>
snappy/snap-remove	<p>PURPOSE: After having installed the test-snapd-tools snap, check it can removed.</p>
snappy/snap-reupdate-automated	<p>PURPOSE: Automatically check test-snapd-tools snap can be refreshed after removal of the blacklisted revision</p>
snappy/snap-revert-automated	<p>PURPOSE: Automatically check test-snapd-tools snap can be reverted by snap revert</p>
snappy/snap-search	<p>PURPOSE: If snap find command is working then should find hello-world in the store.</p>
snappy/test-store-install-beta	<p>PURPOSE: Test the snappy install command is able to install and remove snap in beta channel store.</p>
snappy/test-store-install-edge	<p>PURPOSE: Test the snappy install command is able to install snap in edge channel store.</p>

**Suspend tests**

suspend/suspend_advanced_auto	This is the automated version of suspend/suspend_advanced.
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**Wi-Fi access point**

wireless/wifi_ap_open_b_no_sta_wlan0_auto	Check that the system can create an open 802.11b Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using 'iw' command.
wireless/wifi_ap_open_g_no_sta_wlan0_auto	Check that the system can create an open 802.11g Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using 'iw' command.
wireless/wifi_ap_setup_wizard_wlan0_auto	Check that the system can create a WPA2 802.11g Access Point using wifi-ap.setup-wizard command on wlan0.
wireless/wifi_ap_wpa_b_no_sta_wlan0_auto	Check that the system can create an open 802.11b Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using 'iw' command.
wireless/wifi_ap_wpa_g_no_sta_wlan0_auto	Check that the system can create an open 802.11g Access Point without any STA connection on wlan0 by configuring the system using wifi-ap snap and then checking status of the interface using 'iw' command.

**Wireless networking tests**

after-suspend-wireless/wireless_connection_open_ac_nm_wlan0	<p>PURPOSE: Check system can connect to insecure 802.11ac AP</p>
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after-suspend-wireless/wireless_connection_open_bg_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11b/g AP
after-suspend-wireless/wireless_connection_open_n_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11n AP
after-suspend-wireless/wireless_connection_wpa_ac_nm_wlan0	PURPOSE: Check system can connect to 802.11ac AP with wpa security
after-suspend-wireless/wireless_connection_wpa_bg_nm_wlan0	PURPOSE: Check system can connect to 802.11b/g AP with wpa security
after-suspend-wireless/wireless_connection_wpa_n_nm_wlan0	PURPOSE: Check system can connect to 802.11n AP with wpa security
after-suspend-wireless/wireless_scanning_wlan0	Check system can find a wireless network AP nearby
wireless/wireless_connection_open_ac_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11ac AP
wireless/wireless_connection_open_bg_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11b/g AP
wireless/wireless_connection_open_n_nm_wlan0	PURPOSE: Check system can connect to insecure 802.11n AP
wireless/wireless_connection_wpa_ac_nm_wlan0	PURPOSE: Check system can connect to 802.11ac AP with wpa security
wireless/wireless_connection_wpa_bg_nm_wlan0	PURPOSE: Check system can connect to 802.11b/g AP with wpa security
wireless/wireless_connection_wpa_n_nm_wlan0	PURPOSE: Check system can connect to 802.11n AP with wpa security
wireless/wireless_scanning_wlan0	Check system can find a wireless network AP nearby