

Lynis Report

report_version_major=1

report_version_minor=0

report_datetime_start=2025-06-19 23:22:34

auditor=[Not Specified]

lynis_version=3.0.9

os=Linux

os_name=Ubuntu

os_fullname=Ubuntu 24.04.2 LTS

os_version=24.04

linux_version=Ubuntu

os_kernel_version=6.11.0

os_kernel_version_full=6.11.0-26-generic

hostname=lucas-VirtualBox

test_category=all

test_group=all

plugin_directory=/etc/lynis/plugins

lynis_update_available=0

suggestion[]=LYNIS|This release is more than 4 months old. Check the website or GitHub to see if there is an update available.|-|-|

binaries_count=1900

binaries_suid_count=/usr/bin/chfn /usr/bin/chsh /usr/bin/fusermount /usr/bin/fusermount3
/usr/bin/gpasswd /usr/bin/mount /usr/bin/newgrp /usr/bin/passwd /usr/bin/pkexec /usr/bin/sg
/usr/bin/su /usr/bin/sudo /usr/bin/sudoedit /usr/bin/umount /usr/sbin/pppd

binaries_sgid_count=/usr/bin/chage /usr/bin/crontab /usr/bin/expiry /usr/bin/ssh-agent
/usr/sbin/pam_extrausers_chkpwd /usr/sbin/unix_chkpwd

binary_paths=/snap/bin,/usr/bin,/usr/sbin,/usr/local/bin,/usr/local/sbin

vm=1

vmtype=virtualbox

container=0

notebook=1

systemd=1

plugin_enabled_phase1[]=debian|1.0.1|

slow_test[]=DEB-0001,15.560897

suggestion[]=DEB-0280|Install libpam-tmpdir to set \$TMP and \$TMPDIR for PAM sessions|-|-|

suggestion[]=DEB-0810|Install apt-listbugs to display a list of critical bugs prior to each APT installation.|-|-|

suggestion[]=DEB-0811|Install apt-listchanges to display any significant changes prior to any upgrade via APT.|-|-|

suggestion[]=DEB-0831|Install needrestart, alternatively to debian-goodies, so that you can run needrestart after upgrades to determine which daemons are using old versions of libraries and need restarting.|-|-|

suggestion[]=DEB-0880|Install fail2ban to automatically ban hosts that commit multiple authentication errors.|-|-|

plugins_enabled=1

hostid=43d6edfa67cbcd09b594fac9eb3785b533c256ea

hostid2=89f7e746430581cb8781166d76d2aa55419b773b214343810b1d89b243f259c9

suggestion[]=BOOT-5122|Set a password on GRUB boot loader to prevent altering boot configuration (e.g. boot in single user mode without password)|-|-|

running_service_tool=systemctl

running_service[]=accounts-daemon

running_service[]=avahi-daemon

running_service[]=colord

running_service[]=cron

running_service[]=cups-browsed

running_service[]=cups

running_service[]=dbus

running_service[]=fwupd

running_service[]=gdm

running_service[]=gnome-remote-desktop

running_service[]=kerneloops

running_service[]=ModemManager
running_service[]=NetworkManager
running_service[]=packagekit
running_service[]=polkit
running_service[]=power-profiles-daemon
running_service[]=rsyslog
running_service[]=rtkit-daemon
running_service[]=snapd
running_service[]=switcheroo-control
running_service[]=systemd-journald
running_service[]=systemd-logind
running_service[]=systemd-oomd
running_service[]=systemd-resolved
running_service[]=systemd-timesyncd
running_service[]=systemd-udev
running_service[]=udisks2
running_service[]=unattended-upgrades
running_service[]=upower
running_service[]=user@1000
running_service[]=wpa_supplicant
boot_service_tool=systemctl
boot_service[]=ModemManager
boot_service[]=NetworkManager-dispatcher
boot_service[]=NetworkManager-wait-online
boot_service[]=NetworkManager
boot_service[]=accounts-daemon
boot_service[]=anacron
boot_service[]=apparmor
boot_service[]=appport

boot_service[]=avahi-daemon
boot_service[]=bluetooth
boot_service[]=cloud-config
boot_service[]=cloud-final
boot_service[]=cloud-init-local
boot_service[]=cloud-init
boot_service[]=console-setup
boot_service[]=cron
boot_service[]=cups-browsed
boot_service[]=cups
boot_service[]=dmesg
boot_service[]=e2scrub_reap
boot_service[]=getty@
boot_service[]=gnome-remote-desktop
boot_service[]=gpu-manager
boot_service[]=grub-common
boot_service[]=grub-initrd-fallback
boot_service[]=kerneloops
boot_service[]=keyboard-setup
boot_service[]=networkd-dispatcher
boot_service[]=openvpn
boot_service[]=power-profiles-daemon
boot_service[]=rsyslog
boot_service[]=secureboot-db
boot_service[]=setvtrgb
boot_service[]=snapd.apparmor
boot_service[]=snapd.autoimport
boot_service[]=snapd.core-fixup
boot_service[]=snapd.recovery-chooser-trigger

boot_service[]=snapd.seeded

boot_service[]=snapd

boot_service[]=snapd.system-shutdown

boot_service[]=ssl-cert

boot_service[]=sssd

boot_service[]=switcheroo-control

boot_service[]=sysstat

boot_service[]=systemd-oomd

boot_service[]=systemd-pstore

boot_service[]=systemd-resolved

boot_service[]=systemd-timesyncd

boot_service[]=thermald

boot_service[]=ua-reboot-cmds

boot_service[]=ubuntu-advantage

boot_service[]=udisks2

boot_service[]=ufw

boot_service[]=unattended-upgrades

boot_service[]=wpa_supplicant

uptime_in_seconds=1855

uptime_in_days=0

suggestion[]=BOOT-5264 | Consider hardening system services | Run '/usr/bin/systemd-analyze security SERVICE' for each service | - |

boot_loader=GRUB2

boot_uefi_booted=0

boot_uefi_booted_secure=0

service_manager=systemd

linux_default_runlevel=5

cpu_pae=1

cpu_nx=1

linux_kernel_release=6.11.0-26-generic

linux_kernel_version=#26~24.04.1-Ubuntu SMP PREEMPT_DYNAMIC Thu Apr 17 19:20:47 UTC 2

linux_kernel_type=modular

loaded_kernel_module[]=ac97_bus

loaded_kernel_module[]=aesni_intel

loaded_kernel_module[]=ahci

loaded_kernel_module[]=autofs4

loaded_kernel_module[]=binfmt_misc

loaded_kernel_module[]=crc32_pclmul

loaded_kernel_module[]=crct10dif_pclmul

loaded_kernel_module[]=cryptd

loaded_kernel_module[]=crypto_simd

loaded_kernel_module[]=dmi_sysfs

loaded_kernel_module[]=drm_ttm_helper

loaded_kernel_module[]=e1000

loaded_kernel_module[]=efi_pstore

loaded_kernel_module[]=ghash_clmulni_intel

loaded_kernel_module[]=hid

loaded_kernel_module[]=hid_generic

loaded_kernel_module[]=i2c_piix4

loaded_kernel_module[]=i2c_smbus

loaded_kernel_module[]=input_leds

loaded_kernel_module[]=intel_pmc_core

loaded_kernel_module[]=intel_rapl_common

loaded_kernel_module[]=intel_rapl_msr

loaded_kernel_module[]=intel_uncore_frequency_common

loaded_kernel_module[]=intel_vsec

loaded_kernel_module[]=ip_tables

loaded_kernel_module[]=joydev

loaded_kernel_module[]=libahci
loaded_kernel_module[]=lp
loaded_kernel_module[]=mac_hid
loaded_kernel_module[]=msr
loaded_kernel_module[]=nfnetlink
loaded_kernel_module[]=parport
loaded_kernel_module[]=parport_pc
loaded_kernel_module[]=pata_acpi
loaded_kernel_module[]=pmt_class
loaded_kernel_module[]=pmt_telemetry
loaded_kernel_module[]=polyval_generic
loaded_kernel_module[]=ppdev
loaded_kernel_module[]=psmouse
loaded_kernel_module[]=qrtr
loaded_kernel_module[]=rapl
loaded_kernel_module[]=sch_fq_codel
loaded_kernel_module[]=serio_raw
loaded_kernel_module[]=sha1_ssse3
loaded_kernel_module[]=sha256_ssse3
loaded_kernel_module[]=snd
loaded_kernel_module[]=snd_ac97_codec
loaded_kernel_module[]=snd_hrtimer
loaded_kernel_module[]=snd_intel8x0
loaded_kernel_module[]=snd_pcm
loaded_kernel_module[]=snd_rawmidi
loaded_kernel_module[]=snd_seq
loaded_kernel_module[]=snd_seq_device
loaded_kernel_module[]=snd_seq_dummy
loaded_kernel_module[]=snd_seq_midi

loaded_kernel_module[]=snd_seq_midi_event
loaded_kernel_module[]=snd_timer
loaded_kernel_module[]=soundcore
loaded_kernel_module[]=ttm
loaded_kernel_module[]=usbhid
loaded_kernel_module[]=vboxguest
loaded_kernel_module[]=video
loaded_kernel_module[]=vmwgfx
loaded_kernel_module[]=wmi
loaded_kernel_module[]=x_tables
linux_config_file=/boot/config-6.11.0-26-generic
suggestion[]=KRNl-5820| If not required, consider explicit disabling of core dump in
/etc/security/limits.conf file|-|-|
memory_size=3065880
memory_units=kB
auth_group_ids_unique=1
auth_group_names_unique=1
suggestion[]=AUTH-9230| Configure password hashing rounds in /etc/login.defs|-|-|
real_user[]=root,0
real_user[]=lucas,1000
pam_pwquality=1
pam_module[]=lib/x86_64-linux-gnu/security/pam_access.so
pam_module[]=lib/x86_64-linux-gnu/security/pam_cap.so
pam_module[]=lib/x86_64-linux-gnu/security/pam_debug.so
pam_module[]=lib/x86_64-linux-gnu/security/pam_deny.so
pam_module[]=lib/x86_64-linux-gnu/security/pam_echo.so
pam_module[]=lib/x86_64-linux-gnu/security/pam_env.so
pam_module[]=lib/x86_64-linux-gnu/security/pam_exec.so
pam_module[]=lib/x86_64-linux-gnu/security/pam_extrausers.so

pam_module[]=/lib/x86_64-linux-gnu/security/pam_faildelay.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_faillock.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_filter.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_fprintd.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_ftp.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_gdm.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_gnome_keyring.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_group.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_issue.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_keyinit.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_limits.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_listfile.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_localuser.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_loginuid.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_mail.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_mkhomedir.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_motd.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_namespace.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_nologin.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_permit.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_pwhistory.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_pwquality.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_rhosts.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_rootok.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_securetty.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_selinux.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_sepermit.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_setquota.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_shells.so

pam_module[]=/lib/x86_64-linux-gnu/security/pam_sss.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_sss_gss.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_stress.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_succeed_if.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_systemd.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_systemd_loadkey.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_time.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_timestamp.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_tty_audit.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_umask.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_unix.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_userdb.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_usertype.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_warn.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_wheel.so
pam_module[]=/lib/x86_64-linux-gnu/security/pam_xauth.so
suggestion[]=AUTH-9282|When possible set expire dates for all password protected accounts|-|-|
suggestion[]=AUTH-9286|Configure minimum password age in /etc/login.defs|-|-|
suggestion[]=AUTH-9286|Configure maximum password age in /etc/login.defs|-|-|
manual_event[]=AUTH-9328:03
suggestion[]=AUTH-9328|Default umask in /etc/login.defs could be more strict like 027|-|-|
auth_failed_logins_tooling[]=/etc/login.defs
auth_failed_logins_logged=1
ldap_auth_enabled=0
ldap_pam_enabled=0
password_min_days=-1
password_max_days=-1
available_shell[]=/bin/sh
available_shell[]=/usr/bin/sh

available_shell[]=/bin/bash

available_shell[]=/usr/bin/bash

available_shell[]=/bin/rbash

available_shell[]=/usr/bin/rbash

available_shell[]=/usr/bin/dash

session_timeout_enabled=0

suggestion[]=FILE-6310|To decrease the impact of a full /home file system, place /home on a separate partition|-|-|

suggestion[]=FILE-6310|To decrease the impact of a full /tmp file system, place /tmp on a separate partition|-|-|

suggestion[]=FILE-6310|To decrease the impact of a full /var file system, place /var on a separate partition|-|-|

file_systems_ext[]=/|ext4|

swap_partition[]=/swap.img,/swap.img,

suggestion[]=USB-1000|Disable drivers like USB storage when not used, to prevent unauthorized storage or data theft|-|-|

usb_authorized_default_device[]=/sys/bus/usb/devices/usb1

usb_authorized_device[]=/sys/bus/usb/devices/usb1

usb_authorized_default_device[]=/sys/bus/usb/devices/usb2

usb_authorized_device[]=/sys/bus/usb/devices/usb2

resolv_conf_search_domain[]=.

resolv_conf_option[]=edns0

suggestion[]=NAME-4028|Check DNS configuration for the dns domain name|-|-|

localhost-mapped-to=::1

name_cache_used=0

package_manager[]=dpkg

installed_packages=1518

slow_test[]=PKGS-7345,11.045247

suggestion[]=PKGS-7370|Install debsums utility for the verification of packages with known good database.|-|-|

vulnerable_package[]=libblockdev-crypto3

vulnerable_package[]=libblockdev-fs3

vulnerable_package[]=libblockdev-loop3

vulnerable_package[]=libblockdev-mdraid3

vulnerable_package[]=libblockdev-nvme3

vulnerable_package[]=libblockdev-part3

vulnerable_package[]=libblockdev-swap3

vulnerable_package[]=libblockdev-utils3

vulnerable_package[]=libblockdev3

vulnerable_package[]=libpam-modules

vulnerable_package[]=libpam-modules-bin

vulnerable_package[]=libpam-runtime

vulnerable_package[]=libpam0g

vulnerable_package[]=libpython3.12-minimal

vulnerable_package[]=libpython3.12-stdlib

vulnerable_package[]=libpython3.12t64

vulnerable_package[]=libudisks2-0

vulnerable_package[]=linux-libc-dev

vulnerable_package[]=linux-tools-common

vulnerable_package[]=python3.12

vulnerable_package[]=python3.12-minimal

vulnerable_package[]=udisks2

warning[]=PKGS-7392 | Found one or more vulnerable packages. | - | - |

suggestion[]=PKGS-7392 | Update your system with apt-get update, apt-get upgrade, apt-get dist-upgrade and/or unattended-upgrades | - | - |

slow_test[]=PKGS-7392,14.317052

suggestion[]=PKGS-7394 | Install package apt-show-versions for patch management purposes | - | - |

installed_kernel_packages=1

unattended_upgrade_tool[]=unattended-upgrade

unattended_upgrade_option_available=1

ipv6_mode=auto

ipv6_only=0

nameserver[]=127.0.0.53

network_interface[]=lo

network_interface[]=enp0s3

network_mac_address[]=08:00:27:15:3f:54

network_ipv4_address[]=127.0.0.1

network_ipv4_address[]=192.168.0.28

network_ipv6_address[]=::1

network_ipv6_address[]=::8a4f:4dce:5a77:d4c5

network_ipv6_address[]=::a00:27ff:fe15:3f54

network_ipv6_address[]=fe80::a00:27ff:fe15:3f54

network_listen[]=raw,ss,v1|udp|127.0.0.54:53|systemd-resolve|

network_listen[]=raw,ss,v1|udp|127.0.0.53%lo:53|systemd-resolve|

network_listen[]=raw,ss,v1|udp|0.0.0.0:33537|avahi-daemon|

network_listen[]=raw,ss,v1|udp|0.0.0.0:5353|avahi-daemon|

network_listen[]=raw,ss,v1|udp|[::]:54311|avahi-daemon|

network_listen[]=raw,ss,v1|udp|[::]:5353|avahi-daemon|

network_listen[]=raw,ss,v1|tcp|127.0.0.53%lo:53|systemd-resolve|

network_listen[]=raw,ss,v1|tcp|127.0.0.1:631|cupsd|

network_listen[]=raw,ss,v1|tcp|127.0.0.54:53|systemd-resolve|

network_listen[]=raw,ss,v1|tcp|[::1]:631|cupsd|

suggestion[]=NETW-3200|Determine if protocol 'dccp' is really needed on this system|-|-|

uncommon_network_protocol_enabled=dccp

suggestion[]=NETW-3200|Determine if protocol 'sctp' is really needed on this system|-|-|

uncommon_network_protocol_enabled=sctp

suggestion[]=NETW-3200|Determine if protocol 'rds' is really needed on this system|-|-|

uncommon_network_protocol_enabled=rds

suggestion[]=NETW-3200|Determine if protocol 'tipc' is really needed on this system|-|-|

uncommon_network_protocol_enabled=tipc

suggestion[]=PRNT-2307|Access to CUPS configuration could be more strict.|-|-|

printing_daemon=cups

imap_daemon=

pop3_daemon=

smtp_daemon=

firewall_software[]=iptables

warning[]=FIRE-4512|iptables module(s) loaded, but no rules active|-|-|

firewall_software[]=nftables

nft_version=1.0.9

firewall_no_logging[]=iptables

manual[]=Verify if there is a formal process for testing and applying firewall rules

manual[]=Verify all traffic is filtered the right way between the different security zones

manual[]=Verify if a list is available with all required services

manual[]=Make sure an explicit deny all is the default policy for all unmatched traffic

ssh_daemon_running=0

openssh_daemon_running=0

syslog_daemon_present=1

syslog_daemon[]=systemd-journal

syslog_daemon_present=1

syslog_daemon[]=rsyslog

log_directory[]=/var/log

log_directory[]=/var/log/apt

log_directory[]=/var/log/cups

log_directory[]=/var/log/speech-dispatcher

log_directory[]=/var/log/unattended-upgrades

remote_syslog_configured=0

suggestion[]=LOGG-2154| Enable logging to an external logging host for archiving purposes and additional protection|-|-|

log_directory[]=/var/log

deleted_file[]=/home/lucas/.local/share/gvfs-metadata/root(gnome-she)

deleted_file[]=/home/lucas/.local/share/gvfs-metadata/root-8c1ba5d7.log(gnome-she)

deleted_file[]=/memfd:allocation(gnome-she)

deleted_file[]=/memfd:extract-persistent-storage(tracker-m)

deleted_file[]=/memfd:mutter-shared(gnome-she)

deleted_file[]=/memfd:pipewire-memfd:flags=0x0000000f,type=2,size=2312(pipewire)

deleted_file[]=/memfd:pulseaudio(gnome-she)

deleted_file[]=/memfd:pulseaudio(gsd-media)

deleted_file[]=/memfd:wayland-cursor(evolution)

deleted_file[]=/memfd:wayland-cursor(gjs)

deleted_file[]=/memfd:wayland-cursor(gnome-ter)

deleted_file[]=/memfd:wayland-cursor(gsd-color)

deleted_file[]=/memfd:wayland-cursor(gsd-keybo)

deleted_file[]=/memfd:wayland-cursor(gsd-media)

deleted_file[]=/memfd:wayland-cursor(gsd-power)

deleted_file[]=/memfd:wayland-cursor(gsd-wacom)

deleted_file[]=/memfd:wayland-cursor(ibus-exte)

deleted_file[]=/memfd:wayland-cursor(snapd-des)

deleted_file[]=/memfd:wayland-cursor(update-no)

deleted_file[]=/memfd:wayland-cursor(xdg-deskt)

suggestion[]=LOGG-2190| Check what deleted files are still in use and why.|-|-|

open_empty_log_file[]=unattende,/var/log/unattended-upgrades/unattended-upgrades-shutdown.log

log_rotation_config_found=1

log_rotation_tool=logrotate

suggestion[]=BANN-7126| Add a legal banner to /etc/issue, to warn unauthorized users|-|-|

weak_banner_file[]=/etc/issue

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suggestion[]=BANN-7130|Add legal banner to /etc/issue.net, to warn unauthorized users|-|-|
crond_running=1
scheduler[]=crond
cronjob[]=17,*,* ,*,*,root,cd,/,&&,run-parts,--report,/etc/cron.hourly
cronjob[]=25,6,* ,*,*,root,test,-x,/usr/sbin/anacron,| |,{,cd,/,&&,run-parts,--report,/etc/cron.daily,,}
cronjob[]=47,6,* ,*,7,root,test,-x,/usr/sbin/anacron,| |,{,cd,/,&&,run-parts,--report,/etc/cron.weekly,,}
cronjob[]=52,6,1,* ,*,root,test,-x,/usr/sbin/anacron,| |,{,cd,/,&&,run-parts,--report,/etc/cron.monthly,,}
cronjob[]=/etc/cron.d/sysstat
cronjob[]=/etc/cron.d/sysstat
cronjob[]=/etc/cron.d/e2scrub_all
cronjob[]=/etc/cron.d/e2scrub_all
cronjob[]=/etc/cron.d/anacron
cronjob[]=/etc/cron.daily/sysstat
cronjob[]=/etc/cron.daily/man-db
cronjob[]=/etc/cron.daily/dpkg
cronjob[]=/etc/cron.daily/0anacron
cronjob[]=/etc/cron.daily/logrotate
cronjob[]=/etc/cron.daily/apport
cronjob[]=/etc/cron.daily/apt-compat
cronjob[]=/etc/cron.weekly/man-db
cronjob[]=/etc/cron.weekly/0anacron
cronjob[]=/etc/cron.monthly/0anacron
scheduler[]=anacron
cronjob[]=1,5,cron.daily,run-parts,--report,/etc/cron.daily
cronjob[]=7,10,cron.weekly,run-parts,--report,/etc/cron.weekly
cronjob[]=@monthly,15,cron.monthly,run-parts,--report,/etc/cron.monthly
suggestion[]=ACCT-9622| Enable process accounting|-|-|
suggestion[]=ACCT-9626| Enable sysstat to collect accounting (disabled)|-|-|
suggestion[]=ACCT-9628| Enable auditd to collect audit information|-|-|
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linux_auditd_running=0
audit_daemon_running=0
tz_variable_empty=1
ntp_config_found=0
ntp_config_type_daemon=1
ntp_config_type_eventbased=0
ntp_config_type_scheduled=0
ntp_config_type_startup=0
ntp_daemon=systemd-timesyncd
ntp_daemon_running=1
certificate[]=/etc/ssl/certs/ca-certificates.crt|0|cn:subject=CN = ACCVRAIZ1, OU = PKIACCV, O = ACCV, C = ES;notafter:Dec 31 09:37:37 2030 GMT;|
certificate[]=/etc/ssl/certs/ssl-cert-snakeoil.pem|0|cn:subject=CN = lucas-VirtualBox;notafter:May 23 18:08:31 2035 GMT;|
certificates=151
slow_test[]=CRYPT-7902,35.321093
kernel_entropy=256
rng_found=0
apparmor_enabled=1
apparmor_policy_loaded=1
framework_grsecurity=0
framework_selinux=0
suggestion[]=FINT-4350|Install a file integrity tool to monitor changes to critical and sensitive files|-|-|
suggestion[]=TOOL-5002|Determine if automation tools are present for system management|-|-|
automation_tool_present=0
malware_scanner_installed=0
suggestion[]=FILE-7524|Consider restricting file permissions|See screen output or log file|text:Use chmod to change file permissions|
home_directory[]=/
home_directory[]=/bin

home_directory[]=/dev
home_directory[]=/home/lucas
home_directory[]=/proc
home_directory[]=/root
home_directory[]=/run/avahi-daemon
home_directory[]=/run/speech-dispatcher
home_directory[]=/run/uidd
home_directory[]=/usr/games
home_directory[]=/usr/lib/dhccpd
home_directory[]=/usr/sbin
home_directory[]=/var/backups
home_directory[]=/var/cache/man
home_directory[]=/var/lib/colord
home_directory[]=/var/lib/fwupd
home_directory[]=/var/lib/gdm3
home_directory[]=/var/lib/geoclue
home_directory[]=/var/lib/gnome-remote-desktop
home_directory[]=/var/lib/misc
home_directory[]=/var/lib/openssh/chroot
home_directory[]=/var/lib/saned
home_directory[]=/var/lib/sss
home_directory[]=/var/lib/tpm
home_directory[]=/var/mail

details[]=KRNL-6000|sysctl|desc:Disable loading of TTY line
disciplines;field:dev.tty.ldisc_autoload;prefval:0;value:1;|

details[]=KRNL-6000|sysctl|desc:Restrict FIFO special device creation
behavior;field:fs.protected_fifos;prefval:2;value:1;|

details[]=KRNL-6000|sysctl|desc:Restrict core dumps;field:fs.suid_dumpable;prefval:0;value:2;|

details[]=KRNL-6000|sysctl|desc:No description;field:kernel.core_uses_pid;prefval:1;value:0;|

details[]=KRNL-6000|sysctl|desc:Restrict access to kernel symbols;field:kernel.kptr_restrict;prefval:2;value:1;|

details[]=KRNL-6000|sysctl|desc:Restrict module loading once this sysctl value is loaded;field:kernel.modules_disabled;prefval:1;value:0;|

details[]=KRNL-6000|sysctl|desc:Restrict unprivileged access to the perf_event_open() system call.;field:kernel.perf_event_paranoid;prefval:3;value:4;|

details[]=KRNL-6000|sysctl|desc:Disable magic SysRQ;field:kernel.sysrq;prefval:0;value:176;|

details[]=KRNL-6000|sysctl|desc:Restrict BPF for unprivileged users;field:kernel.unprivileged_bpf_disabled;prefval:1;value:2;|

details[]=KRNL-6000|sysctl|desc:Hardened BPF JIT compilation;field:net.core.bpf_jit_harden;prefval:2;value:0;|

details[]=KRNL-6000|sysctl|desc:Disable/Ignore ICMP routing redirects;field:net.ipv4.conf.all.accept_redirects;prefval:0;value:1;|

details[]=KRNL-6000|sysctl|desc:Log all packages for which the host does not have a path back to the source;field:net.ipv4.conf.all.log_martians;prefval:1;value:0;|

details[]=KRNL-6000|sysctl|desc:Enforce ingress/egress filtering for packets;field:net.ipv4.conf.all.rp_filter;prefval:1;value:2;|

details[]=KRNL-6000|sysctl|desc:Disable/Ignore ICMP routing redirects;field:net.ipv4.conf.all.send_redirects;prefval:0;value:1;|

details[]=KRNL-6000|sysctl|desc:Disable/Ignore ICMP routing redirects;field:net.ipv4.conf.default.accept_redirects;prefval:0;value:1;|

details[]=KRNL-6000|sysctl|desc:Disable IP source routing;field:net.ipv4.conf.default.accept_source_route;prefval:0;value:1;|

details[]=KRNL-6000|sysctl|desc:Log all packages for which the host does not have a path back to the source;field:net.ipv4.conf.default.log_martians;prefval:1;value:0;|

details[]=KRNL-6000|sysctl|desc:Disable/Ignore ICMP routing redirects;field:net.ipv6.conf.all.accept_redirects;prefval:0;value:1;|

details[]=KRNL-6000|sysctl|desc:Disable/Ignore ICMP routing redirects;field:net.ipv6.conf.default.accept_redirects;prefval:0;value:1;|

suggestion[]=KRNL-6000|One or more sysctl values differ from the scan profile and could be tweaked| |Change sysctl value or disable test (skip-test=KRNL-6000:<sysctl-key>)|

suggestion[]=HRDN-7230|Harden the system by installing at least one malware scanner, to perform periodic file system scans| - |Install a tool like rkhunter, chkrootkit, OSSEC|

compiler_installed=0

lynis_tests_done=249

report_datetime_end=2025-06-19 23:24:47

dhcp_client_running=0

arpwatch_running=0

firewall_active=1

firewall_empty_ruleset=1

firewall_installed=1

installed_packages_array=|accountsservice,23.13.9-2ubuntu6|acl,2.3.2-1build1.1|adduser,3.137ubuntu1|adwaita-icon-theme,46.0-1|alsa-base,1.0.25+dfsg-0ubuntu7|alsa-topology-conf,1.2.5.1-2|alsa-ucm-conf,1.2.10-1ubuntu5.4|alsa-utils,1.2.9-1ubuntu5|amd64-microcode,3.20250311.1ubuntu0.24.04.1|anacron,2.3-39ubuntu2|apg,2.2.3.dfsg.1-5build3|apparmor,4.0.1really4.0.1-0ubuntu0.24.04.3|appport,2.28.1-0ubuntu3.7|appport-core-dump-handler,2.28.1-0ubuntu3.7|appport-gtk,2.28.1-0ubuntu3.7|appport-symptoms,0.25|appstream,1.0.2-1build6|apt,2.7.14build2|apt-config-icons,1.0.2-1build6|apt-config-icons-hidpi,1.0.2-1build6|apt-utils,2.7.14build2|aptdaemon,1.1.1+bzr982-0ubuntu44|aptdaemon-data,1.1.1+bzr982-0ubuntu44|aspell,0.60.8.1-1build1|aspell-en,2020.12.07-0-1|at-spi2-common,2.52.0-1build1|at-spi2-core,2.52.0-1build1|avahi-daemon,0.8-13ubuntu6|baobab,46.0-1build1|base-files,13ubuntu10.2|base-passwd,3.6.3build1|bash,5.2.21-2ubuntu4|bash-completion,1:2.11-8|bc,1.07.1-3ubuntu4|bind9-dnsutils,1:9.18.30-0ubuntu0.24.04.2|bind9-host,1:9.18.30-0ubuntu0.24.04.2|bind9-libs:amd64,1:9.18.30-0ubuntu0.24.04.2|bluez,5.72-0ubuntu5|bluez-cups,5.72-0ubuntu5|bluez-obexd,5.72-0ubuntu5|bolt,0.9.7-1|bpffcc-tools,0.29.1+ds-1ubuntu7|bpftool,0.20.2-1ubuntu4.3|brlty,6.6-4ubuntu5|bsdextrautils,2.39.3-9ubuntu6.2|bsdutils,1:2.39.3-9ubuntu6.2|bubblewrap,0.9.0-1ubuntu0.1|busybox-initramfs,1:1.36.1-6ubuntu3.1|busybox-static,1:1.36.1-6ubuntu3.1|ca-certificates,20240203|cloud-guest-utils,0.33-1|cloud-init,24.4-0ubuntu1~24.04.2|colord,1.4.7-1build2|colord-data,1.4.7-1build2|command-not-found,23.04.0|console-setup,1.226ubuntu1|console-setup-linux,1.226ubuntu1|coreutils,9.4-3ubuntu6|cpio,2.15+dfsg-1ubuntu2|cpp,4:13.2.0-7ubuntu1|cpp-13,13.3.0-6ubuntu2~24.04|cpp-13-x86-64-linux-gnu,13.3.0-6ubuntu2~24.04|cpp-x86-64-linux-gnu,4:13.2.0-7ubuntu1|cpulimit,3.0-1|cracklib-runtime,2.9.6-5.1build2|cron,3.0pl1-184ubuntu2|cron-daemon-common,3.0pl1-184ubuntu2|cups,2.4.7-1.2ubuntu7.3|cups-browsed,2.0.0-0ubuntu10.3|cups-bsd,2.4.7-1.2ubuntu7.3|cups-client,2.4.7-1.2ubuntu7.3|cups-common,2.4.7-1.2ubuntu7.3|cups-core-drivers,2.4.7-1.2ubuntu7.3|cups-daemon,2.4.7-1.2ubuntu7.3|cups-filters,2.0.0-0ubuntu4|cups-filters-core-drivers,2.0.0-0ubuntu4|cups-ipp-utils,2.4.7-1.2ubuntu7.3|cups-pk-helper,0.2.6-1ubuntu8|cups-ppdc,2.4.7-1.2ubuntu7.3|cups-server-common,2.4.7-1.2ubuntu7.3|dash,0.5.12-6ubuntu5|dbus,1.14.10-4ubuntu4.1|dbus-bin,1.14.10-4ubuntu4.1|dbus-daemon,1.14.10-4ubuntu4.1|dbus-session-bus-common,1.14.10-4ubuntu4.1|dbus-system-bus-common,1.14.10-4ubuntu4.1|dbus-user-session,1.14.10-4ubuntu4.1|dc,1.07.1-3ubuntu4|dconf-cli,0.40.0-4build2|dconf-gsettings-backend:amd64,0.40.0-4build2|dconf-service,0.40.0-4build2|debconf,1.5.86ubuntu1|debconf-i18n,1.5.86ubuntu1|debianutils,5.17build1|desktop-file-utils,0.27-2build1|dhcpcd-base,1:10.0.6-1ubuntu3.1|dictionaries-common,1.29.7|diffutils,1:3.10-

1build1|dirmngr,2.4.4-2ubuntu17.2|distro-info,1.7build1|distro-info-data,0.60ubuntu0.2|dmidecode,3.5-3ubuntu0.1|dmsetup,2:1.02.185-3ubuntu3.1|dmz-cursor-theme,0.4.5ubuntu1|dns-root-data,2023112702~willsync1|dnsmasq-base,2.90-2build2|docbook-xml,4.5-12|dosfstools,4.2-1.1build1|dpkg,1.22.6ubuntu6.1|dracut-install,060+5-1ubuntu3.2|e2fsprogs,1.47.0-2.4~exp1ubuntu4.1|e2fsprogs-l10n,1.47.0-2.4~exp1ubuntu4.1|eatmydata,131-1ubuntu1|ed,1.20.1-1|eject,2.39.3-9ubuntu6.2|emacs-common,3.0.5|enchant-2,2.3.3-2build2|eog,45.3-1ubuntu2|espeak-ng-data:amd64,1.51+dfsg-12build1|ethtool,1:6.7-1build1|evince,46.3.1-0ubuntu1|evince-common,46.3.1-0ubuntu1|evolution-data-server,3.52.3-0ubuntu1|evolution-data-server-common,3.52.3-0ubuntu1|fdisk,2.39.3-9ubuntu6.2|file,1:5.45-3build1|findutils,4.9.0-5build1|firefox,1:1snap1-0ubuntu5|firmware-signed,2023.12.1-1ubuntu1.4|fontconfig,2.15.0-1.1ubuntu2|fontconfig-config,2.15.0-1.1ubuntu2|fonts-dejavu-core,2.37-8|fonts-dejavu-mono,2.37-8|fonts-droid-fallback,1:6.0.1r16-1.1build1|fonts-liberation,1:2.1.5-3|fonts-liberation-sans-narrow,1:1.07.6-4|fonts-noto-cjk,1:20230817+repack1-3|fonts-noto-color-emoji,2.042-1|fonts-noto-core,20201225-2|fonts-noto-mono,20201225-2|fonts-ubuntu,0.869+git20240321-0ubuntu1|fonts-urw-base35,20200910-8|foomatic-db-compressed-ppds,20230202-1|fprintd,1.94.3-1|friendly-recovery,0.2.42|ftp,20230507-2build3|fuse3,3.14.0-5build1|fwupd,1.9.27-0ubuntu1~24.04.1|fwupd-signed,1.52+1.4-1|gamemode,1.8.1-2build1|gamemode-daemon,1.8.1-2build1|gcc-13-base:amd64,13.3.0-6ubuntu2~24.04|gcc-14-base:amd64,14.2.0-4ubuntu2~24.04|gcr,3.41.2-1build3|gcr4,4.2.0-5|gdb,15.0.50.20240403-0ubuntu1|gdisk,1.0.10-1build1|gdm3,46.2-1ubuntu1~24.04.1|gedit,46.2-2|gedit-common,46.2-2|geoclue-2.0,2.7.0-3ubuntu7|geocode-glib-common,3.26.3-6build3|gettext-base,0.21-14ubuntu2|ghostscript,10.02.1~dfsg1-0ubuntu7.6|gir1.2-accountsservice-1.0:amd64,23.13.9-2ubuntu6|gir1.2-adw-1:amd64,1.5.0-1ubuntu2|gir1.2-amtk-5:amd64,5.8.0-4build2|gir1.2-atk-1.0:amd64,2.52.0-1build1|gir1.2-atspi-2.0:amd64,2.52.0-1build1|gir1.2-freedesktop:amd64,1.80.1-1|gir1.2-gck-2:amd64,4.2.0-5|gir1.2-gcr-4:amd64,4.2.0-5|gir1.2-gdesktopenums-3.0:amd64,46.1-0ubuntu1|gir1.2-gdkpixbuf-2.0:amd64,2.42.10+dfsg-3ubuntu3.1|gir1.2-gdm-1.0,46.2-1ubuntu1~24.04.1|gir1.2-geoclue-2.0:amd64,2.7.0-3ubuntu7|gir1.2-girepository-2.0:amd64,1.80.1-1|gir1.2-glib-2.0:amd64,2.80.0-6ubuntu3.4|gir1.2-gmenu-3.0:amd64,3.36.0-1.1ubuntu3|gir1.2-gnomeautoar-0.1:amd64,0.4.4-2build4|gir1.2-gnomebg-4.0:amd64,44.0-5build2|gir1.2-gnomebluetooth-3.0:amd64,46.0-1ubuntu1|gir1.2-gnomedesktop-3.0:amd64,44.0-5build2|gir1.2-gnomedesktop-4.0:amd64,44.0-5build2|gir1.2-graphene-1.0:amd64,1.10.8-3build2|gir1.2-gstreamer-1.0:amd64,1.24.2-1ubuntu0.1|gir1.2-gtk-3.0:amd64,3.24.41-4ubuntu1.2|gir1.2-gtk-4.0:amd64,4.14.2+ds-1ubuntu1|gir1.2-gtksource-300:amd64,299.0.4-3build1|gir1.2-gweather-4.0:amd64,4.4.2-1build1|gir1.2-handy-1:amd64,1.8.3-1build2|gir1.2-harfbuzz-0.0:amd64,8.3.0-2build2|gir1.2-ibus-1.0:amd64,1.5.29-2|gir1.2-javascriptcoregtk-4.1:amd64,2.48.3-0ubuntu0.24.04.1|gir1.2-javascriptcoregtk-6.0:amd64,2.48.3-0ubuntu0.24.04.1|gir1.2-mutter-14:amd64,46.2-1ubuntu0.24.04.5|gir1.2-nm-1.0:amd64,1.46.0-1ubuntu2.2|gir1.2-nma4-1.0:amd64,1.10.6-3build2|gir1.2-notify-0.7:amd64,0.8.3-1build2|gir1.2-packagekitglib-1.0,1.2.8-2ubuntu1.1|gir1.2-pango-1.0:amd64,1.52.1+ds-1build1|gir1.2-peas-1.0:amd64,1.36.0-3build4|gir1.2-polkit-1.0,124-2ubuntu1.24.04.2|gir1.2-rsvg-2.0:amd64,2.58.0+dfsg-1build1|gir1.2-secret-1:amd64,0.21.4-1build3|gir1.2-snapd-2:amd64,1.64-0ubuntu5|gir1.2-soup-3.0:amd64,3.4.4-5ubuntu0.4|gir1.2-tepl-6:amd64,6.8.0-2build4|gir1.2-upowerglib-1.0:amd64,1.90.3-1|gir1.2-vte-2.91:amd64,0.76.0-1ubuntu0.1|gir1.2-webkit-6.0:amd64,2.48.3-0ubuntu0.24.04.1|gir1.2-webkit2-4.1:amd64,2.48.3-0ubuntu0.24.04.1|gir1.2-wnck-3.0:amd64,43.0-3build4|gjs,1.80.2-1build2|gkbd-

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2build3|lsf,4.95.0-1build3|lynis,3.0.9-1|m17n-db,1.8.5-1|man-db,2.12.0-4build2|manpages,6.7-2|manpages-dev,6.7-2|mawk,1.3.4.20240123-1build1|media-types,10.1.0|memtest86+,7.00-1build1|menu,2.1.50|mesa-libgallium:amd64,24.2.8-1ubuntu1~24.04.1|mesa-vulkan-drivers:amd64,24.2.8-1ubuntu1~24.04.1|mobile-broadband-provider-info,20230416-1|modemmanager,1.23.4-0ubuntu2|mount,2.39.3-9ubuntu6.2|mousetweaks,3.32.0-4build2|mscompress,0.4-10build1|mtr-tiny,0.95-1.1ubuntu0.1|mutter-common,46.2-1ubuntu0.24.04.5|mutter-common-bin,46.2-1ubuntu0.24.04.5|nano,7.2-2ubuntu0.1|nautilus,1:46.2-0ubuntu0.3|nautilus-data,1:46.2-0ubuntu0.3|nautilus-extension-gnome-terminal:amd64,3.52.0-1ubuntu2|nautilus-sendto,3.8.6-7build2|ncurses-base,6.4+20240113-1ubuntu2|ncurses-bin,6.4+20240113-1ubuntu2|netbase,6.4|netcat-openbsd,1.226-1ubuntu2|netplan-generator,1.1.1-1~ubuntu24.04.1|netplan.io,1.1.1-1~ubuntu24.04.1|network-manager,1.46.0-1ubuntu2.2|network-manager-config-connectivity-ubuntu,1.46.0-1ubuntu2.2|network-manager-gnome,1.34.0-1ubuntu3|network-manager-openvpn,1.10.2-4build2|network-manager-openvpn-gnome,1.10.2-4build2|network-manager-pptp,1.2.12-3build2|network-manager-pptp-gnome,1.2.12-3build2|networkd-dispatcher,2.2.4-1|nftables,1.0.9-1build1|ntfs-3g,1:2022.10.3-1.2ubuntu3|numactl,2.0.18-1build1|openprinting-ppds,20230202-1|openssh-client,1:9.6p1-3ubuntu13.11|openssl,3.0.13-0ubuntu3.5|openvpn,2.6.12-0ubuntu0.24.04.3|orca,46.1-1ubuntu1|os-prober,1.81ubuntu4|p11-kit,0.25.3-4ubuntu2.1|p11-kit-modules:amd64,0.25.3-4ubuntu2.1|packagekit,1.2.8-2ubuntu1.1|packagekit-tools,1.2.8-2ubuntu1.1|parted,3.6-4build1|passwd,1:4.13+dfsg1-4ubuntu3.2|patch,2.7.6-7build3|pci.ids,0.0~2024.03.31-1|pciutils,1:3.10.0-2build1|pcmciautils,018-14build1|perl,5.38.2-3.2ubuntu0.1|perl-base,5.38.2-3.2ubuntu0.1|perl-modules-5.38,5.38.2-3.2ubuntu0.1|perl-openssl-defaults:amd64,7build3|pinentry-curses,1.2.1-3ubuntu5|pinentry-gnome3,1.2.1-3ubuntu5|pipewire-alsa:amd64,1.0.5-1ubuntu2|pipewire-audio,1.0.5-1ubuntu2|pipewire-bin,1.0.5-1ubuntu2|pipewire-pulse,1.0.5-1ubuntu2|pipewire:amd64,1.0.5-1ubuntu2|pkexec,124-2ubuntu1.24.04.2|plymouth,24.004.60-1ubuntu7|plymouth-label,24.004.60-1ubuntu7|plymouth-theme-spinner,24.004.60-1ubuntu7|plymouth-theme-ubuntu-text,24.004.60-1ubuntu7|policykit-1,124-2ubuntu1.24.04.2|policykit-desktop-privileges,0.22|polkitd,124-2ubuntu1.24.04.2|poppler-data,0.4.12-1|poppler-utils,24.02.0-1ubuntu9.4|power-profiles-daemon,0.21-1|powermgmt-base,1.37|ppp,2.4.9-1+1.1ubuntu4|pptp-linux,1.10.0-1build4|printer-driver-brlaser,6-3build2|printer-driver-c2esp,27-11ubuntu7|printer-driver-foo2zjs,20200505dfsg0-2ubuntu6|printer-driver-foo2zjs-common,20200505dfsg0-2ubuntu6|printer-driver-hpcups,3.23.12+dfsg0-0ubuntu5|printer-driver-m2300w,0.51-15build2|printer-driver-min12xxw,0.0.9-11build3|printer-driver-pnm2ppa,1.13+nondbs-0ubuntu10|printer-driver-postscript-hp,3.23.12+dfsg0-0ubuntu5|printer-driver-ptouch,1.7-1build2|printer-driver-pxljr,1.4+repack0-6build2|printer-driver-sag-gdi,0.1-8|printer-driver-splix,2.0.0+svn315-7fakesync1ubuntu1|procps,2:4.0.4-4ubuntu3.2|psmisc,23.7-1build1|publicsuffix,20231001.0357-0.1|python-apt-common,2.7.7ubuntu4|python-babel-localedata,2.10.3-3build1|python3,3.12.3-0ubuntu2|python3-apport,2.28.1-0ubuntu3.7|python3-apt,2.7.7ubuntu4|python3-aptdaemon,1.1.1+bzr982-0ubuntu44|python3-aptdaemon.gtk3widgets,1.1.1+bzr982-0ubuntu44|python3-attr,23.2.0-2|python3-babel,2.10.3-3build1|python3-blinker,1.7.0-1|python3-bpfcc,0.29.1+ds-1ubuntu7|python3-brlapi:amd64,6.6-4ubuntu5|python3-cairo,1.25.1-2build2|python3-certifi,2023.11.17-1|python3-cffi-backend:amd64,1.16.0-2build1|python3-chardet,5.2.0+dfsg-1|python3-click,8.1.6-2|python3-colorama,0.4.6-4|python3-commandnotfound,23.04.0|python3-configobj,5.0.8-3|python3-

cryptography,41.0.7-4ubuntu0.1|python3-cups:amd64,2.0.1-5build6|python3-cupshelpers,1.5.18-1ubuntu9|python3-dateutil,2.8.2-3ubuntu1|python3-dbus,1.3.2-5build3|python3-debconf,1.5.86ubuntu1|python3-debian,0.1.49ubuntu2|python3-defer,1.0.6-2.1ubuntu1|python3-distro,1.9.0-1|python3-distro-info,1.7build1|python3-distupgrade,1:24.04.26|python3-gdbm:amd64,3.12.3-0ubuntu1|python3-gi,3.48.2-1|python3-gi-cairo,3.48.2-1|python3-httplib2,0.20.4-3|python3-ibus-1.0,1.5.29-2|python3-idna,3.6-2ubuntu0.1|python3-jinja2,3.1.2-1ubuntu1.3|python3-json-pointer,2.0-0ubuntu1|python3-jsonpatch,1.32-3|python3-jsonschema,4.10.3-2ubuntu1|python3-jwt,2.7.0-1|python3-launchpadlib,1.11.0-6|python3-lazr.restfulclient,0.14.6-1|python3-lazr.uri,1.0.6-3|python3-louis,3.29.0-1build1|python3-markdown-it,3.0.0-2|python3-markupsafe,2.1.5-1build2|python3-mdurl,0.1.2-1|python3-minimal,3.12.3-0ubuntu2|python3-netaddr,0.8.0-2ubuntu1|python3-netifaces:amd64,0.11.0-2build3|python3-netplan,1.1.1-1~ubuntu24.04.1|python3-oauthlib,3.2.2-1|python3-olefile,0.46-3|python3-pexpect,4.9-2|python3-pil:amd64,10.2.0-1ubuntu1|python3-pkg-resources,68.1.2-2ubuntu1.2|python3-problem-report,2.28.1-0ubuntu3.7|python3-ptyprocess,0.7.0-5|python3-pygments,2.17.2+dfsg-1|python3-pyparsing,3.1.1-1|python3-pyrsistent:amd64,0.20.0-1build2|python3-requests,2.31.0+dfsg-1ubuntu1.1|python3-rich,13.7.1-1|python3-serial,3.5-2|python3-six,1.16.0-4|python3-software-properties,0.99.49.1|python3-speechd,0.12.0~rc2-2build3|python3-sss,2.9.4-1.1ubuntu6.2|python3-systemd,235-1build4|python3-typing-extensions,4.10.0-1|python3-tz,2024.1-2|python3-update-manager,1:24.04.9|python3-urllib3,2.0.7-1ubuntu0.1|python3-wadllib,1.3.6-5|python3-xdg,0.28-2|python3-xkit,0.5.0ubuntu6|python3-yaml,6.0.1-2build2|python3.12,3.12.3-1ubuntu0.6|python3.12-minimal,3.12.3-1ubuntu0.6|readline-common,8.2-4build1|rfkill,2.39.3-9ubuntu6.2|rpcsvc-proto,1.4.2-0ubuntu7|rsync,3.2.7-1ubuntu1.2|rsyslog,8.2312.0-3ubuntu9|rtkit,0.13-5build1|rygel,0.42.5-1ubuntu3|samba-libs:amd64,2:4.19.5+dfsg-4ubuntu9|sane-airscan,0.99.29-0ubuntu4|sane-utils,1.2.1-7build4|sbsigntool,0.9.4-3.1ubuntu7|seahorse,43.0-3build2|secureboot-db,1.9build1|sed,4.9-2build1|sensible-utils,0.0.22|session-migration,0.3.9build1|sgml-base,1.31|sgml-data,2.0.11+nmu1|shared-mime-info,2.4-4|snapd,2.66.1+24.04|software-properties-common,0.99.49.1|software-properties-gtk,0.99.49.1|sound-icons,0.1-8|sound-theme-freedesktop,0.8-2ubuntu1|speech-dispatcher,0.12.0~rc2-2build3|speech-dispatcher-audio-plugins:amd64,0.12.0~rc2-2build3|speech-dispatcher-espeak-ng,0.12.0~rc2-2build3|spice-vdagent,0.22.1-4build3|squashfs-tools,1:4.6.1-1build1|ssl-cert,1.1.2ubuntu1|sssd,2.9.4-1.1ubuntu6.2|sssd-ad,2.9.4-1.1ubuntu6.2|sssd-ad-common,2.9.4-1.1ubuntu6.2|sssd-common,2.9.4-1.1ubuntu6.2|sssd-ipa,2.9.4-1.1ubuntu6.2|sssd-krb5,2.9.4-1.1ubuntu6.2|sssd-krb5-common,2.9.4-1.1ubuntu6.2|sssd-ldap,2.9.4-1.1ubuntu6.2|sssd-proxy,2.9.4-1.1ubuntu6.2|strace,6.8-0ubuntu2|stress,1.0.7-1|sudo,1.9.15p5-3ubuntu5|switcheroo-control,2.6-2build2|sysstat,12.6.1-2|system-config-printer-common,1.5.18-1ubuntu9|system-config-printer-udev,1.5.18-1ubuntu9|systemd,255.4-1ubuntu8.8|systemd-dev,255.4-1ubuntu8.8|systemd-hwe-hwdb,255.1.4|systemd-oomd,255.4-1ubuntu8.8|systemd-resolved,255.4-1ubuntu8.8|systemd-sysv,255.4-1ubuntu8.8|systemd-timesyncd,255.4-1ubuntu8.8|sysvinit-utils,3.08-6ubuntu3|tar,1.35+dfsg-3build1|tcl,8.6.14build1|tcl8.6,8.6.14+dfsg-1build1|tcpdump,4.99.4-3ubuntu4|tecla,46.0-1build1|telnet,0.17+2.5-3ubuntu4|thermald,2.5.6-2ubuntu0.24.04.2|time,1.9-0.2build1|tnftp,20230507-2build3|tpm-udev,0.6ubuntu1|trace-cmd,3.2-1ubuntu2|tracker,3.7.1-1build1|tracker-extract,3.7.1-1build1|tracker-miner-fs,3.7.1-1build1|tzdata,2025b-0ubuntu0.24.04.1|ubuntu-advantage-desktop-daemon,1.11ubuntu0.1|ubuntu-desktop-minimal,1.539.2|ubuntu-docs,24.04.2|ubuntu-drivers-common,1:0.9.7.6ubuntu3.1|ubuntu-kernel-accessories,1.539.2|ubuntu-keyring,2023.11.28.1|ubuntu-minimal,1.539.2|ubuntu-mono,24.04-

0ubuntu1|ubuntu-pro-client,34~24.04|ubuntu-pro-client-l10n,34~24.04|ubuntu-release-upgrader-core,1:24.04.26|ubuntu-release-upgrader-gtk,1:24.04.26|ubuntu-report,1.7.3ubuntu0.24.04.2|ubuntu-session,46.0-1ubuntu4|ubuntu-settings,24.04.5|ubuntu-standard,1.539.2|ubuntu-wallpapers,24.04.2|ubuntu-wallpapers-noble,24.04.2|ucf,3.0043+nmu1|udev,255.4-1ubuntu8.8|udisks2,2.10.1-6ubuntu1|ufw,0.36.2-6|unattended-upgrades,2.9.1+nmu4ubuntu1|unzip,6.0-28ubuntu4.1|update-inetd,4.53|update-manager,1:24.04.9|update-manager-core,1:24.04.9|update-notifier,3.192.68build3|update-notifier-common,3.192.68build3|upower,1.90.3-1|usb-modeswitch,2.6.1-3ubuntu3|usb-modeswitch-data,20191128-6|usb.ids,2024.03.18-1|usbmuxd,1.1.1-5~exp3ubuntu2|usbutils,1:017-3build1|util-linux,2.39.3-9ubuntu6.2|uuid-runtime,2.39.3-9ubuntu6.2|vim-common,2:9.1.0016-1ubuntu7.8|vim-tiny,2:9.1.0016-1ubuntu7.8|wamerican,2020.12.07-2|wbritish,2020.12.07-2|webp-pixbuf-loader:amd64,0.2.4-2build2|wget,1.21.4-1ubuntu4.1|whiptail,0.52.24-2ubuntu2|whoopsie,0.2.77build3|whoopsie-preferences,23build3|wireless-regdb,2024.10.07-0ubuntu2~24.04.1|wireless-tools,30~pre9-16.1ubuntu2|wireplumber,0.4.17-1ubuntu4|wpasupplicant,2:2.10-21ubuntu0.2|wspanish,1.0.30|x11-apps,7.7+11build3|x11-common,1:7.7+23ubuntu3|x11-session-utils,7.7+6build2|x11-utils,7.7+6build2|x11-xkb-utils,7.7+8build2|x11-xserver-utils,7.7+10build2|xauth,1:1.1.2-1build1|xbitmaps,1.1.1-2.2|xburlapi,6.6-4ubuntu5|xcursor-themes,1.0.6-0ubuntu1|xcvt,0.1.2-1build1|xdg-dbus-proxy,0.1.5-1build2|xdg-desktop-portal,1.18.4-1ubuntu2.24.04.1|xdg-desktop-portal-gnome,46.2-0ubuntu1|xdg-desktop-portal-gtk,1.15.1-1build2|xdg-user-dirs,0.18-1build1|xdg-user-dirs-gtk,0.11-1build2|xdg-utils,1.1.3-4.1ubuntu3|xfonts-base,1:1.0.5+nmu1|xfonts-encodings,1:1.0.5-0ubuntu2|xfonts-scalable,1:1.0.3-1.3|xfonts-utils,1:7.7+6build3|xinit,1.4.1-0ubuntu5|xinput,1.6.4-1build1|xkb-data,2.41-2ubuntu1.1|xml-core,0.19|xorg,1:7.7+23ubuntu3|xorg-docs-core,1:1.7.1-1.2|xserver-common,2:21.1.12-1ubuntu1.4|xserver-xephyr,2:21.1.12-1ubuntu1.4|xserver-xorg,1:7.7+23ubuntu3|xserver-xorg-core,2:21.1.12-1ubuntu1.4|xserver-xorg-input-all,1:7.7+23ubuntu3|xserver-xorg-input-libinput,1.4.0-1build1|xserver-xorg-input-wacom,1:1.2.0-1ubuntu2|xserver-xorg-legacy,2:21.1.12-1ubuntu1.4|xserver-xorg-video-all,1:7.7+23ubuntu3|xserver-xorg-video-amdgpu,23.0.0-1build1|xserver-xorg-video-ati,1:22.0.0-1build1|xserver-xorg-video-fbdev,1:0.5.0-2build2|xserver-xorg-video-intel,2:2.99.917+git20210115-1build1|xserver-xorg-video-nouveau,1:1.0.17-2build1|xserver-xorg-video-qxl,0.1.6-1build1|xserver-xorg-video-radeon,1:22.0.0-1build1|xserver-xorg-video-vesa,1:2.6.0-1|xserver-xorg-video-vmware,1:13.4.0-1build1|xwayland,2:23.2.6-1ubuntu0.6|xxd,2:9.1.0016-1ubuntu7.8|xz-utils,5.6.1+really5.4.5-1ubuntu0.2|yaru-theme-gnome-shell,24.04.2-0ubuntu1|yaru-theme-gtk,24.04.2-0ubuntu1|yaru-theme-icon,24.04.2-0ubuntu1|yaru-theme-sound,24.04.2-0ubuntu1|yelp,42.2-1ubuntu0.24.04.1|yelp-xsl,42.1-2ubuntu0.24.04.1|zenity,4.0.1-1build3|zenity-common,4.0.1-1build3|zip,3.0-13ubuntu0.2|zlib1g:amd64,1:1.3.dfsg-3.1ubuntu2.1|zstd,1.5.5+dfsg2-2build1.1

package_audit_tool=apt-get

package_audit_tool_found=1

vulnerable_packages_found=1

hardening_index=59

tests_executed=HRDN-7231|HRDN-7230|HRDN-7222|HRDN-7220|KRNL-6000|HOME-9350|HOME-9310|HOME-9306|HOME-9304|HOME-9302|FILE-7524|MALW-3290|MALW-3284|MALW-

3282|MALW-3280|MALW-3278|MALW-3276|MALW-3275|MALW-3274|TOOL-5190|TOOL-5126|TOOL-5130|TOOL-5122|TOOL-5120|TOOL-5102|TOOL-5002|FINT-4350|FINT-4338|FINT-4330|FINT-4328|FINT-4326|FINT-4322|FINT-4318|FINT-4314|FINT-4310|MACF-6290|RBAC-6272|MACF-6240|MACF-6232|MACF-6208|MACF-6204|CONT-8102|CRYP-8006|CRYP-8005|CRYP-8004|CRYP-8002|CRYP-7930|CRYP-7902|TIME-3185|TIME-3170|TIME-3148|TIME-3104|ACCT-9636|ACCT-9628|ACCT-9626|ACCT-9622|SCHD-7718|SCHD-7704|SCHD-7702|BANN-7130|BANN-7128|BANN-7126|BANN-7124|INSE-8320|INSE-8318|INSE-8316|INSE-8314|INSE-8322|INSE-8310|INSE-8304|INSE-8300|INSE-8102|INSE-8100|INSE-8000|LOGG-2192|LOGG-2190|LOGG-2180|LOGG-2170|LOGG-2154|LOGG-2150|LOGG-2148|LOGG-2146|LOGG-2142|LOGG-2138|LOGG-2240|LOGG-2230|LOGG-2210|LOGG-2136|LOGG-2132|LOGG-2130|SQD-3602|PHP-2211|LDAP-2219|DBS-1880|DBS-1860|DBS-1840|DBS-1826|DBS-1820|DBS-1818|DBS-1804|SNMP-3302|SSH-7402|HTTP-6702|HTTP-6622|FIRE-4594|FIRE-4590|FIRE-4586|FIRE-4540|FIRE-4538|FIRE-4536|FIRE-4524|FIRE-4513|FIRE-4512|FIRE-4508|FIRE-4502|MAIL-8880|MAIL-8860|MAIL-8838|MAIL-8820|MAIL-8814|MAIL-8802|PRNT-2314|PRNT-2308|PRNT-2307|PRNT-2306|PRNT-2304|NETW-3200|NETW-3032|NETW-3030|NETW-3015|NETW-3012|NETW-3008|NETW-3006|NETW-3004|NETW-2706|NETW-2704|NETW-2600|NETW-2400|PKGS-7420|PKGS-7410|PKGS-7398|PKGS-7394|PKGS-7392|PKGS-7390|PKGS-7388|PKGS-7370|PKGS-7346|PKGS-7345|NAME-4408|NAME-4406|NAME-4404|NAME-4402|NAME-4304|NAME-4230|NAME-4202|NAME-4034|NAME-4032|NAME-4028|NAME-4020|NAME-4018|NAME-4016|STRG-1920|STRG-1846|USB-3000|USB-2000|USB-1000|FILE-6430|FILE-6394|FILE-6376|FILE-6374|FILE-6372|FILE-6368|FILE-6363|FILE-6362|FILE-6354|FILE-6344|FILE-6336|FILE-6332|FILE-6329|FILE-6324|FILE-6323|FILE-6310|SHLL-6230|SHLL-6220|SHLL-6211|AUTH-9408|AUTH-9402|AUTH-9328|AUTH-9308|AUTH-9288|AUTH-9286|AUTH-9284|AUTH-9283|AUTH-9282|AUTH-9278|AUTH-9268|AUTH-9266|AUTH-9264|AUTH-9262|AUTH-9252|AUTH-9250|AUTH-9242|AUTH-9240|AUTH-9234|AUTH-9230|AUTH-9229|AUTH-9228|AUTH-9226|AUTH-9222|AUTH-9216|AUTH-9208|AUTH-9204|PROC-3802|PROC-3614|PROC-3612|PROC-3602|KRNL-5830|KRNL-5820|KRNL-5788|KRNL-5730|KRNL-5728|KRNL-5726|KRNL-5723|KRNL-5695|KRNL-5677|KRNL-5622|BOOT-5264|BOOT-5260|BOOT-5202|BOOT-5184|BOOT-5180|BOOT-5177|BOOT-5155|BOOT-5142|BOOT-5140|BOOT-5139|BOOT-5122|BOOT-5121|BOOT-5116|BOOT-5109|BOOT-5108|BOOT-5104|DEB-0880|DEB-0831|DEB-0811|DEB-0810|DEB-0280|DEB-0001|CORE-1000|

tests_skipped=MALW-3288|MALW-3286|TOOL-5104|FINT-4402|FINT-4341|FINT-4340|FINT-4339|FINT-4336|FINT-4334|FINT-4316|FINT-4315|MACF-6242|MACF-6234|CONT-8108|CONT-8107|CONT-8106|CONT-8104|CONT-8004|CRYP-7931|TIME-3182|TIME-3181|TIME-3180|TIME-3160|TIME-3136|TIME-3132|TIME-3128|TIME-3124|TIME-3120|TIME-3116|TIME-3112|TIME-3106|ACCT-9672|ACCT-9670|ACCT-9662|ACCT-9660|ACCT-9656|ACCT-9654|ACCT-9652|ACCT-9650|ACCT-9634|ACCT-9632|ACCT-9630|ACCT-2760|ACCT-2754|SCHD-7724|SCHD-7720|BANN-7113|INSE-8050|INSE-8200|INSE-8116|INSE-8106|INSE-8104|INSE-8016|INSE-8006|INSE-8004|INSE-8002|LOGG-2164|LOGG-2162|LOGG-2160|LOGG-2153|LOGG-2152|LOGG-2134|SQD-3680|SQD-3630|SQD-3624|SQD-3620|SQD-3616|SQD-3614|SQD-3613|SQD-3610|SQD-3606|SQD-3604|PHP-2382|PHP-2378|PHP-2376|PHP-2374|PHP-2372|PHP-2368|PHP-2320|LDAP-2224|DBS-1888|DBS-1886|DBS-1884|DBS-1882|DBS-1828|DBS-1816|SNMP-3306|SNMP-3304|SSH-7440|SSH-7408|SSH-7406|SSH-7404|HTTP-6720|HTTP-6716|HTTP-6714|HTTP-6712|HTTP-6710|HTTP-6708|HTTP-6706|HTTP-6704|HTTP-6643|HTTP-6641|HTTP-6640|HTTP-6632|HTTP-6626|HTTP-6624|FIRE-4534|FIRE-4532|FIRE-4530|FIRE-4526|FIRE-4520|FIRE-4518|MAIL-8920|MAIL-8818|MAIL-8817|MAIL-

8816|MAIL-8804|PRNT-2420|PRNT-2418|PRNT-2316|PRNT-2302|NETW-3028|NETW-3014|NETW-3001|NETW-2705|PKGS-7395|PKGS-7393|PKGS-7387|PKGS-7386|PKGS-7384|PKGS-7383|PKGS-7382|PKGS-7381|PKGS-7380|PKGS-7378|PKGS-7366|PKGS-7354|PKGS-7352|PKGS-7350|PKGS-7348|PKGS-7334|PKGS-7332|PKGS-7330|PKGS-7328|PKGS-7322|PKGS-7320|PKGS-7314|PKGS-7312|PKGS-7310|PKGS-7308|PKGS-7306|PKGS-7304|PKGS-7303|PKGS-7302|PKGS-7301|PKGS-7200|NAME-4306|NAME-4238|NAME-4236|NAME-4232|NAME-4210|NAME-4206|NAME-4204|NAME-4036|NAME-4026|NAME-4024|STRG-1930|STRG-1928|STRG-1926|STRG-1906|STRG-1904|STRG-1902|FILE-6410|FILE-6439|FILE-6330|FILE-6312|FILE-6311|SHLL-6202|AUTH-9410|AUTH-9409|AUTH-9406|AUTH-9340|AUTH-9306|AUTH-9304|AUTH-9254|AUTH-9218|AUTH-9212|PROC-3604|KRNL-5770|KRNL-5831|KRNL-5745|BOOT-5263|BOOT-5262|BOOT-5170|BOOT-5165|BOOT-5159|BOOT-5126|BOOT-5261|BOOT-5124|BOOT-5117|BOOT-5106|BOOT-5102|DEB-0520|DEB-0510|

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