

## 2 практика 2 раздел

1

Найдите все записи из лога загрузки, доступного через команду `journalctl` с опцией `-b` в первые

20 секунд с момента загрузки, начало загрузки определить автоматически.

```
Oct 20 05:30:00 eltex-practice2-pgl-v5 systemd[1]: Starting syslogd.service - System activity accounting tool...Oct 20 05:30:14 eltex-practice2-pgl-v5 systemd[1]: syslogd.service: Deactivated successfully.
Oct 20 05:30:14 eltex-practice2-pgl-v5 systemd[1]: Finished syslogd.service - System activity accounting tool.
Oct 20 05:35:01 eltex-practice2-pgl-v5 CRON[46308]: pam_unix(cron:session): session opened for user root(uid=0) by rootOct 20 05:35:01 eltex-practice2-pgl-v5 CRON[46181]: (root) CMD (command -v debian-sa1 > /dev/null && debian-sa1 1 1)
Oct 20 05:35:08 eltex-practice2-pgl-v5 CRON[46308]: pam_unix(cron:session): session closed for user root
Oct 20 05:40:00 eltex-practice2-pgl-v5 systemd[1]: Starting syslogd.service - System activity accounting tool...Oct 20 05:40:08 eltex-practice2-pgl-v5 systemd[1]: syslogd.service: Deactivated successfully.
Oct 20 05:40:08 eltex-practice2-pgl-v5 systemd[1]: Finished syslogd.service - System activity accounting tool.
Oct 20 05:40:31 eltex-practice2-pgl-v5 sshd[46189]: Accepted publickey for root from 172.16.8.4 port 35074 ssh: RSA SHA256:SyT6GdQxwAvtT7SmQmQmDhUdAwKXmD1wB1
Oct 20 05:40:31 eltex-practice2-pgl-v5 sshd[46189]: pam_unix(sshd:session): session opened for user root(uid=0) by rootOct 20 05:40:31 eltex-practice2-pgl-v5 systemd[1]: Created slice user-0.slice - User Slice of UID 0.
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[1]: Starting user-runtime-dir@0.service - User Runtime Directory /run/user/0...
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[1]: Finished user-runtime-dir@0.service - User Runtime Directory /run/user/0.
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[1]: Starting user@0.service - User Manager for UID 0...
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[1]: Accepted password for user root from 172.16.8.4 port 35074 ssh: RSA SHA256:SyT6GdQxwAvtT7SmQmQmDhUdAwKXmD1wB1
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[1]: Started user@0.service - User Manager for UID 0.
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Created slice app.slice - User Application Slice.
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Reached target timers.target - Timers.
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Started launchpadlib-cache-clean.timer - Clean up old files in the launchpadlib cache.
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Reached target paths.target - Paths.
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Listening on airwrap.socket - GnuPG network certificate management daemon.
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Listening on gpg-agent-extra.socket - GnuPG cryptographic agent and passphrase cache (access for web browsers).
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Listening on gpg-agent-ssh.socket - GnuPG cryptographic agent (ssh-agent emulation)...
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Listening on gpg-agent.socket - GnuPG cryptographic agent and passphrase cache (restricted).
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Listening on pk-debconf-helper.socket - debconf communication socket.
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Listening on keyboard.socket - GnuPG public key management service.
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Listening on dbus.socket - D-Bus User Message Bus Socket.
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Reached target sockets.target - Sockets.
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Reached target basic.target - Basic System.
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Started user@0.service - User Manager for UID 0.
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Reached target default.target - Main User Target.
Oct 20 05:40:31 eltex-practice2-pgl-v5 systemd[46184]: Started session-846.scope - Session 846 of User root.
Oct 20 05:45:01 eltex-practice2-pgl-v5 CRON[46333]: pam_unix(cron:session): session opened for user root(uid=0) by rootOct 20 05:45:01 eltex-practice2-pgl-v5 CRON[46334]: (root) CMD (command -v debian-sa1 > /dev/null && debian-sa1 1 1)
Oct 20 05:45:01 eltex-practice2-pgl-v5 CRON[46333]: pam_unix(cron:session): session closed for user root
Oct 20 05:46:18 eltex-practice2-pgl-v5 systemd[1]: launchpadlib-cache-clean.service - Clean up old files in the launchpadlib cache was skipped because of an unset condition check (ConditionPathExists=/root/.launchpadlib/api.launchpad.net/cache).
Oct 20 05:46:18 eltex-practice2-pgl-v5 systemd[1]: Finished launchpadlib-cache-clean.service - Clean up old files in the launchpadlib cache.
Oct 20 05:50:14 eltex-practice2-pgl-v5 systemd[1]: Finished syslogd.service - System activity accounting tool.
Oct 20 05:50:14 eltex-practice2-pgl-v5 systemd[1]: Started syslogd.service - System activity accounting tool.
Oct 20 05:55:01 eltex-practice2-pgl-v5 CRON[46308]: pam_unix(cron:session): session opened for user root(uid=0) by rootOct 20 05:55:01 eltex-practice2-pgl-v5 CRON[46307]: (root) CMD (command -v debian-sa1 > /dev/null && debian-sa1 1 1)
Oct 20 05:55:01 eltex-practice2-pgl-v5 CRON[46308]: pam_unix(cron:session): session closed for user root
Oct 20 05:58:40 eltex-practice2-pgl-v5 systemd[1]: Starting fwupd-refresh.service - Refresh fwupd metadata and update metadata...Oct 20 05:58:40 eltex-practice2-pgl-v5 systemd[1]: fwupd-refresh.service: Deactivated successfully.
Oct 20 05:58:40 eltex-practice2-pgl-v5 systemd[1]: Finished fwupd-refresh.service - Refresh fwupd metadata and update metadata.
Oct 20 06:00:14 eltex-practice2-pgl-v5 systemd[1]: Starting syslogd.service - System activity accounting tool...Oct 20 06:00:14 eltex-practice2-pgl-v5 systemd[1]: syslogd.service: Deactivated successfully.
Oct 20 06:00:14 eltex-practice2-pgl-v5 systemd[1]: Finished syslogd.service - System activity accounting tool.
```

2

Используя `awk` найдите все источники и их сообщения в файле `auth.log` (найдите его `find`), в

названии источника удалите информацию об идентификаторе процесса при помощи `sed`,

```
[1]+ Stopped                  journalctl -b --since="2025-10-20 05:30:00" --until="+20 seconds"
root@eltex-practice2-pg1-v5:~# find /var/log -name "auth.log" 2>/dev/null
/var/log/auth.log
root@eltex-practice2-pg1-v5:~# awk '{print $5}' /var/log/auth.log | sed 's/\[[0-9]*\]//g' | sort
721
723
added
added
added
added
added
added
auth
closed
closed
closed
closed
closed
closed
closed
conversation
disconnect
disconnect
from
from
group:
group:
group:
group:
listening
login
of
of
password
password
password
password
password
password
password
```

[illegible]

3

Для результата из предыдущего пункта найдите количество повторений для каждого источника и выведите их в виде списка «число\_повторений источник», результат отсортируйте по убыванию количества повторений

```
user3)
root@eltex-practice2-pg1-v5:~# awk '{print $5}' /var/log/auth.log | sed 's/\[[0-9]*\]//g' | sort | uniq -c | sort -nr
475 session
7 user1)
7 password
6 closed
6 added
5 user2)
4 group:
3 user:
3 user
2 'user3'
2 user3)
2 'user2'
2 'user1'
2 publicKey
2 of
2 from
2 disconnect
1 login
1 listening
1 conversation
1 auth
1 723
1 721
root@eltex-practice2-pg1-v5:~#
```

4

В файле /etc/passwd найдите всех пользователей в системе, у которых установлен shell /usr/sbin/nologin и выведите их в виде списка: «UID, username, список его групп», отсортированный в обратном порядке по UID, список групп используйте из файла /etc/group

```
root@eltex-practice2-pg1-v5:~# id user3
uid=1003(user3) gid=1003(user3) groups=1003(user3),100(users),1004(practice_group)
root@eltex-practice2-pg1-v5:~# id -nG user3
user3 users practice_group
root@eltex-practice2-pg1-v5:~# awk -F: '$7=="usr/sbin/nologin" {print $3,""$1}' /etc/passwd | while IFS=, read uid username; do
> groups=$(id -nG "$username" 2>/dev/null | tr ' ' ',')
> echo "$uid, $username, $groups"
> done | sort -nr -k1 | head -5
65534, nobody, nogroup
1003, user3, user3,users,practice_group
998, systemd-network, systemd-network
997, systemd-timesync, systemd-timesync
992, systemd-resolve, systemd-resolve
root@eltex-practice2-pg1-v5:~#
```

5

Найдите в результате вывода dmesg все строки, содержащие слово 'kernel'

```
root@eltex-practice2-pg1-v5:~# dmesg | grep -i 'kernel'
[ 0.000000] KERNEL supported cpus:
[ 0.042172] Booting paravirtualized kernel on KVM
[ 0.043097] Kernel command line: BOOT_IMAGE=/vmlinuz-6.8.0-55-generic root=/dev/mapper/ubuntu--vg-ubuntu--lv ro
[ 0.043127] Unknown kernel command line parameters "BOOT_IMAGE=/vmlinuz-6.8.0-55-generic", will be passed to user space.
[ 0.096229] Memory: 3933500K/4193760K available (22528K kernel code, 4443K rwdata, 14344K rodata, 4988K init, 4716K bss, 260000K reserved, 0K cma-reserved)
[ 0.256067] DMA: preallocated 512 KiB GFP_KERNEL pool for atomic allocations
[ 0.256097] DMA: preallocated 512 KiB GFP_KERNEL pool for atomic allocations
[ 0.256123] DMA: preallocated 512 KiB GFP_KERNEL pool for atomic allocations
[ 0.516115] Loaded X.509 cert 'Build time autogenerated kernel key: e0bedf6fa049a1e09bd65ebab3904f14cdd5bc68'
[ 0.520009] Loaded X.509 cert 'Canonical Ltd. Kernel Module Signing: 88f752e560a1e0737e31163a466ad7b70a850c19'
[ 0.662112] Loaded X.509 cert 'Build time autogenerated kernel key: e0bedf6fa049a1e09bd65ebab3904f14cdd5bc68'
[ 0.683568] Freeing unused kernel image (initmem) memory: 4988K
[ 0.684325] Write protecting the kernel read-only data: 38912k
[ 0.680958] Freeing unused kernel image (rodata/data gap) memory: 2040K
[ 5.125093] systemd[1]: Listening on systemd-udevd-kernel.socket - udev Kernel Socket.
[ 5.135875] systemd[1]: Mounting sys-kernel-debug.mount - Kernel Debug File System...
[ 5.139194] systemd[1]: Mounting sys-kernel-tracing.mount - Kernel Trace File System...
[ 5.188761] systemd[1]: Starting modprobe@configfs.service - Load Kernel Module configfs...
[ 5.194806] systemd[1]: Starting modprobe@dm_mod.service - Load Kernel Module dm_mod...
[ 5.195911] systemd[1]: Starting modprobe@drm.service - Load Kernel Module drm...
[ 5.200860] systemd[1]: Starting modprobe@efi_pstore.service - Load Kernel Module efi_pstore...
[ 5.203885] systemd[1]: Starting modprobe@fuse.service - Load Kernel Module fuse...
[ 5.208511] systemd[1]: Starting modprobe@loop.service - Load Kernel Module loop...
[ 5.214863] systemd[1]: Starting systemd-modules-load.service - Load Kernel Modules...
[ 5.219017] systemd[1]: Starting systemd-remount-fs.service - Remount Root and Kernel File Systems...
```

6

Подсчитайте количество строк в файле /var/log/kern.log

```
root@eltex-practice2-pg1-v5:~# wc -l /var/log/kern.log
34 /var/log/kern.log
root@eltex-practice2-pg1-v5:~#
```

7

Отформатируйте вывод записей в /var/log/apt/history.log в следующем порядке, построчно:

Commandline: ... ; Start-Date: ... ; End-Date: ...



```
root@eltex-practice2-pg1-v5:~# awk
> /^Commandline:/ {cmd=$0}
> /^Start-Date:/ {start=$0}
> /^End-Date:/ {end=$0; print cmd " ; " start " ; " end; cmd=start=end="" }
> ' /var/log/apt/history.log
Commandline: apt-get install --reinstall apt ; Start-Date: 2025-02-16 20:51:22 ; End-Date: 2025-02-16 20:51:24
Commandline: apt-get install --reinstall base-files ; Start-Date: 2025-02-16 20:51:26 ; End-Date: 2025-02-16 20:51:28
Commandline: apt-get install --reinstall base-passwd ; Start-Date: 2025-02-16 20:51:31 ; End-Date: 2025-02-16 20:51:32
Commandline: apt-get install --reinstall bash ; Start-Date: 2025-02-16 20:51:35 ; End-Date: 2025-02-16 20:51:37
Commandline: apt-get install --reinstall bsdtar ; Start-Date: 2025-02-16 20:51:39 ; End-Date: 2025-02-16 20:51:41
Commandline: apt-get install --reinstall coreutils ; Start-Date: 2025-02-16 20:51:44 ; End-Date: 2025-02-16 20:51:45
Commandline: apt-get install --reinstall dash ; Start-Date: 2025-02-16 20:51:48 ; End-Date: 2025-02-16 20:51:49
Commandline: apt-get install --reinstall debconf ; Start-Date: 2025-02-16 20:51:52 ; End-Date: 2025-02-16 20:51:53
Commandline: apt-get install --reinstall debianutils ; Start-Date: 2025-02-16 20:51:56 ; End-Date: 2025-02-16 20:51:58
Commandline: apt-get install --reinstall diffutils ; Start-Date: 2025-02-16 20:52:00 ; End-Date: 2025-02-16 20:52:02
Commandline: apt-get install --reinstall dpkg ; Start-Date: 2025-02-16 20:52:04 ; End-Date: 2025-02-16 20:52:06
Commandline: apt-get install --reinstall e2fsprogs ; Start-Date: 2025-02-16 20:52:09 ; End-Date: 2025-02-16 20:52:10
Commandline: apt-get install --reinstall findutils ; Start-Date: 2025-02-16 20:52:13 ; End-Date: 2025-02-16 20:52:14
Commandline: apt-get install --reinstall gcc-14-base:amd64 ; Start-Date: 2025-02-16 20:52:17 ; End-Date: 2025-02-16 20:52:18
Commandline: apt-get install --reinstall gpgv ; Start-Date: 2025-02-16 20:52:21 ; End-Date: 2025-02-16 20:52:23
Commandline: apt-get install --reinstall grep ; Start-Date: 2025-02-16 20:52:25 ; End-Date: 2025-02-16 20:52:27
Commandline: apt-get install --reinstall gzip ; Start-Date: 2025-02-16 20:52:29 ; End-Date: 2025-02-16 20:52:31
Commandline: apt-get install --reinstall hostname ; Start-Date: 2025-02-16 20:52:34 ; End-Date: 2025-02-16 20:52:35
Commandline: apt-get install --reinstall init-system-helpers ; Start-Date: 2025-02-16 20:52:38 ; End-Date: 2025-02-16 20:52:39
Commandline: apt-get install --reinstall libacl1:amd64 ; Start-Date: 2025-02-16 20:52:42 ; End-Date: 2025-02-16 20:52:43
Commandline: apt-get install --reinstall libapt-pkg6.0t64:amd64 ; Start-Date: 2025-02-16 20:52:46 ; End-Date: 2025-02-16 20:52:47
Commandline: apt-get install --reinstall libassuan0:amd64 ; Start-Date: 2025-02-16 20:52:50 ; End-Date: 2025-02-16 20:52:51
Commandline: apt-get install --reinstall libattr1:amd64 ; Start-Date: 2025-02-16 20:52:54 ; End-Date: 2025-02-16 20:52:56
Commandline: apt-get install --reinstall libaudit-common ; Start-Date: 2025-02-16 20:52:58 ; End-Date: 2025-02-16 20:53:00
Commandline: apt-get install --reinstall libaudit1:amd64 ; Start-Date: 2025-02-16 20:53:02 ; End-Date: 2025-02-16 20:53:04
Commandline: apt-get install --reinstall libblkid1:amd64 ; Start-Date: 2025-02-16 20:53:06 ; End-Date: 2025-02-16 20:53:08
Commandline: apt-get install --reinstall libbz2-1.0:amd64 ; Start-Date: 2025-02-16 20:53:11 ; End-Date: 2025-02-16 20:53:12
Commandline: apt-get install --reinstall libc-bin ; Start-Date: 2025-02-16 20:53:15 ; End-Date: 2025-02-16 20:53:17
Commandline: apt-get install --reinstall libc6:amd64 ; Start-Date: 2025-02-16 20:53:19 ; End-Date: 2025-02-16 20:53:22
Commandline: apt-get install --reinstall libcap-ng0:amd64 ; Start-Date: 2025-02-16 20:53:25 ; End-Date: 2025-02-16 20:53:26
Commandline: apt-get install --reinstall libcap2:amd64 ; Start-Date: 2025-02-16 20:53:29 ; End-Date: 2025-02-16 20:53:30
```

root@eltex-practice2-pg1-v5:~#

```
ata libgmp10 libgnutls30t64 libgpg-error0 libgpgme1t64 libgpm2 libgsapi-krb5-2 libgstreamer1.0-0 libgudev-1.0-0 libgusb2 libhogweed6t64 libibv
son-c5 libjson-glib-1.0-0 libjson-glib-1.0-common libk5crypto3 libkeyutils1 libklb libkmod2 libkrb5-3 libkrb5support0 libksba8 libldap-common
mbim-glib4 libnbl-proxy libnbl-util libnbl libnbl-glib libnbl libnbl-module-find-perl libnbl-module-scandeps-perl libnbl-mount1 libnbl-fr6 libnbl-pack0t64
nghttp2-14 libnl-3-200 libnl-genl-3-200 libnl-route-3-200 libnpt0t64 libnss-pr4 libnss-systemd libnss3 libntfs-3g89t64 libnumal libnvmelt64 libor
md libpam0g libparted2t64 libpcap0.8t64 libpci3 libpcrc2-8-0 libperl5.38t64 libpipelinel libplymouth5 libpng16-16t64 libpolkit-agent-1-0 libpolk
libpython3.12-stdlib libpython3.12t64 libqmi-glib5 libqmi-proxy libqmi-util libqtrt-glib0 libreadline8t64 libreise-score0t64 librtmp1 libssl1
libsepol2 libsigutils2-1.46-2 libsigsegv2 libslang2 libsmartcols1 libsqlite3-0 libss2 libssh-4 libssl3t64 libst
-perl libtext-wrap18n-perl libtinfo6 libtirpc-common libtirpc3t64 libtraceevent1 libtraceevent1-plugin libtracefs1 libtss2-esys-3.0.2-0t64 libt
buchardet0 libudev1 libudisks2-0 libunistring5 liburcu8t64 libusb-1.0-0 libutempter0 libuuid libuv1t64 libvolume-key1 libx11-6 libx1
1 libxtables12 libxxhash0 libyaml-0-2 libzstd1 linux-base locales login logrotate logsave lsb-release lshw lsof lvm2 lxd-agent-loader lxd-instal
es-bin needrestart netbase netcat-openbsd netplan-generator netplan.io networkd-dispatcher nftables nfs-3g numactl open-iscsi open-vm-tools ope
-modules-5.38 p11-kit p11-kit-modules p11-kit-trust plymouth plymouth-theme-ubuntu-text polkitd pollinate powermgmt-base procs psmisc publicsuffix python-apt-common
python3-certifi python3-cffi-backend python3-chardet python3-click python3-colorama python3-commandnotfound python3-configobj python3-constantly
stupgrade python3-gdbm python3-gi python3-hamcrest python3-httplib2 python3-hyperlink python3-idna python3-incremental python3-jmespath python3-
nimal python3-netifaces python3-netplan python3-newt python3-oauthlib python3-openssl python3-packaging python3-pexpect python3-pkg-resources py
ts python3-rich python3-s3transfer python3-service-identity python3-setuptools python3-six python3-software-properties python3-systemd python3-t
readline-common rsysync rsyslog run-one sbsigntool screen secureboot-db sed sensible-utils sg3-utils sgml-base shared-mime-info sr
ed systemd-sysv systemd-timesyncd sysvinit-utils tar tcl tcl8.6 tcpdump telnet thin-provisioning-tools time tmux tnftp tpm-udev trace-cmd tzdata
ard ucf udev udisks2 ufw unattended-upgrades update-manager-core update-notifier-common usb-modeswitch usb-modeswitch-data usb.ids usbutils util
ls zerofree zlib1g zstd cloud-init ; Start-Date: 2025-02-16 21:00:10 ; End-Date: 2025-02-16 21:00:28
Commandline: apt-get --quiet --assume-yes --option=Dpkg::options::=force-unsafe-io --option=Dpkg::Options::=force-confold install grub-pc ;
Commandline: apt-get --quiet --assume-yes --option=Dpkg::options::=force-unsafe-io --option=Dpkg::Options::=force-confold install linux-gene
Commandline: apt-get --quiet --assume-yes --option=Dpkg::options::=force-unsafe-io --option=Dpkg::Options::=force-confold install openssh-se
Commandline: /usr/bin/unattended-upgrades -v ; Start-Date: 2025-03-12 18:13:21 ; End-Date: 2025-03-12 18:14:11
Commandline: apt dist-upgrade ; Start-Date: 2025-03-12 18:19:08 ; End-Date: 2025-03-12 18:21:04
Commandline: apt install vim qemu-guest-agent ; Start-Date: 2025-03-12 18:21:23 ; End-Date: 2025-03-12 18:21:31
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 06:26:10 ; End-Date: 2025-10-16 06:27:13
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 06:27:26 ; End-Date: 2025-10-16 06:29:38
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 06:29:41 ; End-Date: 2025-10-16 06:36:33
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 06:36:41 ; End-Date: 2025-10-16 06:37:01
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 06:37:14 ; End-Date: 2025-10-16 06:37:57
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 06:38:02 ; End-Date: 2025-10-16 06:42:03
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 06:42:11 ; End-Date: 2025-10-16 06:53:04
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 06:53:08 ; End-Date: 2025-10-16 06:55:45
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 06:55:49 ; End-Date: 2025-10-16 06:56:49
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 06:56:55 ; End-Date: 2025-10-16 07:00:01
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:00:12 ; End-Date: 2025-10-16 07:04:25
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:04:37 ; End-Date: 2025-10-16 07:06:49
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:06:56 ; End-Date: 2025-10-16 07:16:21
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:16:29 ; End-Date: 2025-10-16 07:22:30
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:22:37 ; End-Date: 2025-10-16 07:25:06
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:25:19 ; End-Date: 2025-10-16 07:30:54
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:31:07 ; End-Date: 2025-10-16 07:32:46
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:32:52 ; End-Date: 2025-10-16 07:38:57
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:39:05 ; End-Date: 2025-10-16 07:43:05
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:43:11 ; End-Date: 2025-10-16 07:44:20
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:44:35 ; End-Date: 2025-10-16 07:45:57
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:46:16 ; End-Date: 2025-10-16 07:47:25
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:47:37 ; End-Date: 2025-10-16 07:48:36
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:48:41 ; End-Date: 2025-10-16 07:50:42
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:50:47 ; End-Date: 2025-10-16 07:51:35
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:51:41 ; End-Date: 2025-10-16 07:52:28
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:52:38 ; End-Date: 2025-10-16 07:55:42
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:55:47 ; End-Date: 2025-10-16 07:57:08
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:57:16 ; End-Date: 2025-10-16 07:58:06
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:58:21 ; End-Date: 2025-10-16 07:59:23
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 07:59:31 ; End-Date: 2025-10-16 08:00:10
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 08:06:18 ; End-Date: 2025-10-16 08:08:39
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 08:09:02 ; End-Date: 2025-10-16 08:13:50
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 08:13:59 ; End-Date: 2025-10-16 08:15:42
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 08:15:59 ; End-Date: 2025-10-16 08:20:37
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 08:20:41 ; End-Date: 2025-10-16 08:22:35
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 08:22:40 ; End-Date: 2025-10-16 08:24:29
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 08:24:32 ; End-Date: 2025-10-16 08:25:52
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 08:26:00 ; End-Date: 2025-10-16 08:26:55
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 08:27:00 ; End-Date: 2025-10-16 08:27:41
Commandline: /usr/bin/unattended-upgrade ; Start-Date: 2025-10-16 08:27:46 ; End-Date: 2025-10-16 08:29:29
Commandline: apt install bz2 ncompress ; Start-Date: 2025-10-19 13:26:25 ; End-Date: 2025-10-19 13:26:31
root@eltex-practice2-pg1-v5:~#
```