ssh 217.71.138.1 -p 44556 -l eltex-pg1-v24

```
PSSh 217.71.138.1 -p 44556 -l eltex-pg1-v24
eltex-pg1-v24@217.71.138.1's password:
Linux eltex-2025-summer 6.1.0-40-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.153-1 (2025-09-20) x8 6_64
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the exact distribution terms for each program are described in the individual files in /usr/share/doc/*/copyright.
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.
Last login: Thu Oct 9 18:32:05 2025 from 89.113.141.142
eltex-pg1-v24@eltex-2025-summer:~$
```

screen

GNU Screen version 4.09.00 (GNU) 30-Jan-22

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Send bugreports, fixes, enhancements, t-shirts, money, beer & pizza to screen-devel@gnu.org

Capabilities:

+copy +remote-detach +power-detach +multi-attach +multi-user +font +color-256 +utf8 +rxvt +builtin-telnet

[Press Space or Return to end.]

```
eltex-pg1-v24@eltex-2025-summer:~$ w
18:36:55 up 2:59, 37 users, load average: 0.04, 0.05, 0.01
USER
        TTY
                 FROM
                                  LOGIN@
                                          IDLE
                                                 JCPU
                                                        PCPU WHAT
                                                        0.02s sshd: tech [priv]
        pts/0
                 37.193.179.176
                                          1:55m 0.02s
tech
                                  15:39
eltex-pg pts/2
                 217.71.131.237
                                  18:30
                                          1:57
                                                 0.00s
                                                              -bash
eltex-pg pts/3
                 178.130.143.197
                                          1:08m 0.00s
                                 17:28
                                                              -bash
                                          7.00s
eltex-pg pts/4
                 217.71.131.234
                                                 0.02s
                                                             screen -r 2434
                                  18:29
                 176.59.145.254
                                 17:30
                                         1:06m 0.00s
eltex-pg pts/5
                                                              -bash
                                 18:34
                                         31.00s 0.00s
eltex-pg pts/6
                 185.210.141.98
                                                              -bash
                                                 0.00s
                                                             vi report_part1.txt
eltex-pg pts/7
                 :pts/4:S.3
                                 18:36
                                         22:43
                 217.71.131.234
eltex-pg pts/8
                                  18:28
                                         4:15
                                                 0.01s 0.01s -bash
eltex-pg pts/9
                 217.71.131.234
                                 17:43
                                         26:12
                                                 0.01s
                                                              screen -r top
eltex-pg pts/10
               176.59.145.254
                                 18:34
                                         1.00s 0.01s
                                                              screen -r vireport
                                 18:20
                                                 0.00s
                                                             SCREEN -S Top -d -m
eltex-pg pts/11
               :pts/86:S.0
                                        11:27
                :pts/10:S.0
                                 18:35
                                         1.00s 0.01s 0.01s vi report part1.txt
eltex-pg pts/13
eltex-pg pts/15
                :pts/4:S.1
                                         11:47
                                                 2.46s 2.46s top
                                 18:36
eltex-pg pts/17
                 91.79.222.224
                                 17:38
                                         58:46
                                                 0.00s
                                                              -bash
eltex-pg pts/18
                 178.178.206.36
                                         58:49
                                                 0.00s
                                                              -bash
                                  17:38
                                 17:38
eltex-pg pts/20
                 176.59.146.129
                                         58:39
                                                 0.00s
                                                              -bash
eltex-pg pts/22
                                  17:59
                                         35:35
                                                 :pts/42:S.0
eltex-pg pts/23
                 :pts/9:S.0
                                 18:04
                                        26:12
                                                 0.00s 0.02s SCREEN -S top -d -m
eltex-pg pts/28
                 176.59.145.254
                                 17:43
                                                 0.01s
                                         9:43
                                                             screen -dr top
                                         4.00s 0.00s
                                 18:35
eltex-pg pts/32
                 89.113.141.142
                                                              screen
                                         17.00s
                                                 0.11s 0.04s -bash
eltex-pg pts/33
                 217.71.131.237
                                 17:45
eltex-pg pts/36
                 :pts/40:S.0
                                 18:35
                                          1:01
                                                 0.00s
                                                              SCREEN -S top
eltex-pg pts/40
                217.71.131.237
                                 17:52
                                         1:03
                                                 0.00s
                                                             screen -S top
eltex-pg pts/41
               :pts/28:S.0
                                 18:22
                                         22:47
                                                 1.76s
                                                       1.76s top
eltex-pg pts/43
                :pts/46:S.1
                                 18:33
                                         45.00s 0.00s
                                                              /usr/bin/bash
eltex-pg pts/45
                 217.71.131.234
                                  18:36
                                         7.00s 0.00s
                                                              -bash
eltex-pg pts/46
                                                              screen -r
                 217.71.139.234
                                  17:55
                                         45.00s
                                                 0.01s
eltex-pg pts/56
                :pts/32:S.0
                                 18:36
                                          4.00s
                                                 0.11s 0.11s w
eltex-pg pts/75
                                 18:36
                                         31:59
                                                 0.42s 0.41s watch /usr/bin/vmstat
                :pts/4:S.2
eltex-pg pts/79
                 89.113.140.71
                                 18:12
                                         31.00s 0.01s
                                                              screen -r whoami_part2
eltex-pg pts/80 :pts/28:S.1
                                 18:24
                                          9:43
                                                 0.00s
                                                              /usr/bin/bash
                 178.178.206.36
                                 18:29
                                          6.00s 0.03s 0.03s -bash
eltex-pg pts/83
eltex-pg pts/86
                 :pts/90:S.0
                                 18:11
                                                 0.00s
                                                             screen -r Top
                                         11:27
eltex-pg pts/88
                 :pts/9:S.1
                                  18:05
                                         31:03
                                                 0.75s 0.75s watch /usr/bin/vmstat
eltex-pg pts/90
                                  18:05
                                                 0.00s
                                                             screen -S top
                 :pts/74:S.0
                                         11:27
eltex-pg pts/105 :pts/79:S.0
                                  18:28
                                         31.00s
                                                 0.03s 0.01s SCREEN -S whoami_part2
eltex-pg pts/112 176.59.146.129
                                 18:18
                                          2.00s
                                                 0.01s 0.01s -bash
```

<ctrl-a d>

```
[detached from 30857.pts-32.eltex-2025-summer]
eltex-pg1-v24@eltex-2025-summer:~$
```

screen -S top -d -m top

```
eltex-pg1-v24@eltex-2025-summer:~$ screen -S top -d -m top
eltex-pg1-v24@eltex-2025-summer:~$ _
```

screen -ls

Screen -r top

Tasks: **361** total, **1** running, **351** sleeping, **9** stopped, **0** zombie %Cpu(s): 0.2 us, 0.3 sy, 0.0 ni, 99.4 id, 0.0 wa, 0.0 hi, 0.1 si, 0.0 st **3914.7** total, MiB Mem : **3231.4** free, **689.1** used, **208.5** buff/cache MiB Swap: **976.0** total, **976.0** free, **0.0** used. **3225.6** avail Mem PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND 3252 S 6902 tech 20 0 11640 5404 0.3 0.1 0:02.24 top 11644 3220 S 20043 eltex-p+ 20 0 5120 0.3 0.1 0:01.18 top 0 18008 5140 S 0.3 25548 eltex-p+ 20 7008 0.2 0:00.04 sshd 31769 eltex-p+ 20 0 11680 5360 3204 S 0.3 0.1 0:00.09 top 1 root 20 0 168372 12860 9184 S 0.0 0.3 0:00.83 systemd 0 S 2 root 20 0 0 0 0.0 0.0 0:00.00 kthreadd 3 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 rcu gp 0 -20 0 I 4 root 0 0 0.0 0.0 0:00.00 rcu par gp 0.0 0 - 20 0 0 I 0:00.00 slub flushwq 5 root 0 0.0 6 root 0 - 20 0 0 0 I 0.0 0.0 0:00.00 netns 10 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 mm percpu wq 0:00.00 rcu_tasks_kthread 0 I 0.0 11 root 20 0 0 0 0.0 0:00.00 rcu_tasks_rude_kthread 12 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_trace_kthre+ 0 13 root 20 0 0 0 I 0.0 0.0 14 root 20 0 0 0 0 S 0.0 0.0 0:00.05 ksoftirqd/0 15 root 20 0 0 0 0 I 0.0 0.0 0:00.53 rcu preempt 16 root 0 0 0 S 0.0 0:00.03 migration/0 гt 0 0.0 0 S 18 root 20 0 0 0 0.0 0.0 0:00.00 cpuhp/0 19 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/1 гt 0 0 S 20 root 0 0 0.0 0.0 0:00.24 migration/1 0 0 S 21 root 20 0 0 0.0 0.0 0:00.04 ksoftirgd/1 0:00.00 kworker/1:0H-events_h+ 23 root 0 - 20 0 0 0 I 0.0 0.0 0 S 24 root 20 0 0 0 0.0 0.0 0:00.00 cpuhp/2 0 S 0.0 0.0 0:00.24 migration/2 25 root гt 0 0 0 0 S 0:00.03 ksoftirqd/2 26 root 20 0 0 0 0.0 0.0 0 I 0:00.00 kworker/2:0H-events h+ 28 root 0 -20 0 0 0.0 0.0 29 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/330 root гt 0 0 0 0 S 0.0 0.0 0:00.24 migration/320 0 0 0 0 S 0.0 0:00.03 ksoftirgd/3 31 root 0.0 0 I 33 root 0 -20 0 0 0.0 0.0 0:00.00 kworker/3:0H-events h+ 38 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kdevtmpfs 39 root 0 0 0 I 0:00.00 inet_frag_wq 0 -20 0.0 0.0 0 0 S 0.0 0.0 0:00.00 kauditd 40 root 20 0 0 0 S 0:00.00 khungtaskd 41 root 20 0 0 0 0.0 0.0 0 S 0:00.00 oom reaper 42 root 20 0 0 0 0.0 0.0 43 root 0 I 0.0 0:00.00 writeback 0 - 20 0 0 0.0 0 S 0:00.15 kcompactd0 44 root 20 0 0 0 0.0 0.0 25 0 S 0:00.00 ksmd 45 root 0 0 0.0 0.0 47 root 39 19 0 0 0 S 0.0 0.0 0:00.11 khugepaged 48 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kintegrityd 0 - 20 0:00.00 kblockd 49 root 0 0 0 I 0.0 0.0 50 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 blkcg_punt_bio 51 root 0 - 20 0 0 0 I 0.0 0.0 0:00.00 tpm_dev_wq

top - 18:39:08 up 3:01, 42 users, load average: 0.11, 0.09, 0.03

<ctrl-a c>

```
eltex-pg1-v24@eltex-2025-summer:~$
```

watch /usr/bin/vmstat

```
      Every 2.0s: /usr/bin/vmstat
      eltex-2025-summer: Thu Oct 9 18:40:22 2025

      procs ------memory------
      -----swap------io------system------cpu-----

      r b swpd free buff cache si so bi bo in cs us sy id wa st

      1 0 0 3308512 24752 188936 0 0 2 4 34 41 0 0 99 0 0
```

Num	Name	Flags
0	top	\$
1	bash	\$
-ente	er ctrl-a A> vmstat	
Set	window's title to: vmstat	

<ctrl-a p>

```
%Cpu(s): 0.2 us, 0.5 sy, 0.0 ni, 99.3 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem :
            3914.7 total,
                            3241.6 free,
                                            678.5 used,
                                                            209.0 buff/cache
MiB Swap:
             976.0 total,
                             976.0 free,
                                              0.0 used.
                                                           3236.2 avail Mem
                                           SHR S %CPU %MEM
    PID USER
                  PR NI
                            VIRT
                                    RES
                                                                  TIME+ COMMAND
     15 root
                  20
                       0
                               0
                                              0 I
                                                          0.0
                                                                0:00.57 rcu_preempt
                                      0
                                                    0.3
                                           3332 S
   5436 eltex-p+
                  20
                       0
                           11652
                                   5480
                                                    0.3
                                                          0.1
                                                                0:02.62 top
                                   4144
                                           2492 S
   6384 eltex-p+
                  20
                      0
                           7388
                                                    0.3
                                                          0.1
                                                                0:00.98 watch
   9084 eltex-p+
                  20
                     0
                           11640
                                   5464
                                          3316 S
                                                    0.3
                                                          0.1
                                                               0:02.30 top
                                                    0.3
  10184 eltex-p+
                                   5504
                                           3356 S
                  20
                           11620
                                                          0.1
                                                                0:02.18 top
  32095 eltex-p+
                  20
                      0
                           11644
                                   5508
                                           3356 R
                                                    0.3
                                                          0.1
                                                                0:00.37 top
  34870 eltex-p+
                  20
                      0
                           11680
                                   5256
                                           3096 S
                                                    0.3
                                                          0.1
                                                               0:00.05 top
                                          9184 S
                      0
                          168372
                                 12860
                                                    0.0
                                                         0.3
                                                              0:00.85 systemd
     1 root
                  20
                                             0 S
      2 root
                  20
                      0
                               0
                                      0
                                                    0.0
                                                          0.0
                                                               0:00.00 kthreadd
      3 root
                  0 -20
                               0
                                      0
                                             0 I
                                                    0.0
                                                          0.0
                                                                0:00.00 rcu gp
     4 root
                   0 -20
                                             0 I
                               0
                                      0
                                                    0.0
                                                          0.0
                                                                0:00.00 rcu_par_gp
      5 root
                   0 -20
                               0
                                      0
                                             0 I
                                                    0.0
                                                          0.0
                                                                0:00.00 slub flushwq
                   0 - 20
                               0
                                      0
                                             0 I
                                                    0.0
                                                          0.0
                                                                0:00.00 netns
      6 root
                                             0 I
     10 root
                  0 -20
                               0
                                      0
                                                    0.0
                                                          0.0
                                                                0:00.00 mm_percpu_wq
     11 root
                  20
                               0
                                      0
                                              0 I
                                                    0.0
                                                          0.0
                                                                0:00.00 rcu tasks kthread
    12 root
                               0
                                      0
                                             0 I
                                                    0.0
                                                          0.0
                                                                0:00.00 rcu_tasks_rude_kthread
                  20
                       0
     13 root
                                             0 I
                                                                0:00.00 rcu_tasks_trace_kthre+
                  20
                               0
                                      0
                                                    0.0
                                                          0.0
                       0
                                             0 S
     14 root
                  20
                      0
                               0
                                      0
                                                    0.0
                                                          0.0
                                                               0:00.05 ksoftirgd/0
     16 root
                  гt
                               0
                                      0
                                             0 S
                                                    0.0
                                                          0.0
                                                              0:00.03 migration/0
                                             0 S
                               0
                                      0
                                                    0.0
                                                              0:00.00 cpuhp/0
     18 root
                  20
                     0
                                                         0.0
                                             0 S
     19 root
                  20
                     0
                               0
                                      0
                                                    0.0
                                                         0.0
                                                              0:00.00 cpuhp/1
    20 root
                  гt
                      0
                               0
                                      0
                                             0 S
                                                    0.0
                                                          0.0
                                                               0:00.24 migration/1
                                             0 S
                                                                0:00.04 ksoftirqd/1
     21 root
                  20
                      0
                               0
                                      0
                                                    0.0
                                                          0.0
     23 root
                  0 -20
                               0
                                      0
                                             0 I
                                                    0.0
                                                          0.0
                                                                0:00.00 kworker/1:0H-events_h+
     24 root
                  20
                      0
                               0
                                      0
                                             0 S
                                                    0.0
                                                          0.0
                                                                0:00.00 cpuhp/2
     25 root
                               0
                                      0
                                             0 S
                                                    0.0
                                                          0.0
                                                                0:00.24 migration/2
                  гt
                       0
                  20
                     0
                               0
                                      0
                                             0 S
                                                    0.0
                                                          0.0
                                                                0:00.04 ksoftirgd/2
     26 root
                                                          0.0
                  0 -20
                               0
                                      0
                                             0 I
                                                    0.0
                                                                0:00.00 kworker/2:0H-events_h+
    28 root
                                             0 S
     29 root
                  20
                               0
                                      0
                                                    0.0
                                                          0.0
                                                                0:00.00 \text{ cpuhp/3}
                       0
                                             0 S
     30 root
                  гt
                       0
                               0
                                      0
                                                    0.0
                                                          0.0
                                                               0:00.24 \text{ migration/3}
     31 root
                  20
                      0
                               0
                                      0
                                             0 S
                                                    0.0
                                                          0.0
                                                              0:00.03 ksoftirqd/3
     33 root
                  0 -20
                               0
                                      0
                                             0 I
                                                    0.0
                                                         0.0
                                                              0:00.00 kworker/3:0H-events_h+
                                              0 S
                  20
                       0
                               0
                                      0
                                                    0.0
                                                          0.0
                                                              0:00.00 kdevtmpfs
     38 root
    39 root
                  0 -20
                               0
                                      0
                                             0 I
                                                    0.0
                                                          0.0
                                                                0:00.00 inet frag wg
    40 root
                  20
                      0
                               0
                                      0
                                             0 S
                                                    0.0
                                                          0.0
                                                                0:00.00 kauditd
                                             0 S
    41 root
                  20
                       0
                               0
                                      0
                                                    0.0
                                                          0.0
                                                                0:00.00 khungtaskd
    42 root
                  20
                      0
                               0
                                      0
                                             0 S
                                                    0.0
                                                          0.0
                                                                0:00.00 oom_reaper
                                             0 I
                               0
                                      0
                                                                0:00.00 writeback
    43 root
                  0 -20
                                                    0.0
                                                          0.0
    44 root
                  20
                      0
                               0
                                      0
                                             0 S
                                                    0.0
                                                          0.0
                                                                0:00.15 kcompactd0
                                                    0.0
                                                          0.0
    45 root
                  25
                      5
                               0
                                      0
                                             0 S
                                                                0:00.00 ksmd
     47 root
                  39 19
                               0
                                      0
                                             0 S
                                                    0.0
                                                          0.0
                                                                0:00.11 khugepaged
                   0 - 20
                               0
                                      0
                                              0 I
                                                    0.0
                                                          0.0
                                                                0:00.00 kintegrityd
     48 root
     49 root
                   0 -20
                               0
                                      0
                                              0 I
                                                    0.0
                                                          0.0
                                                                0:00.00 kblockd
```

top - 18:42:57 up 3:05, 41 users, load average: 0.01, 0.05, 0.01

Tasks: **351** total, **2** running, **339** sleeping, **10** stopped, **0** zombie

<ctrl-a d>

[detached from 32094.top]
eltex-pg1-v24@eltex-2025-summer:~\$

screen -S vi

eltex-pg1-v24@eltex-2025-summer:~\$ _

```
"report_part1.txt" [New]
                                                                            0,0-1
                                                                                          All
<ctrl-a d>
[detached from 36956.vi]
eltex-pg1-v24@eltex-2025-summer:~$ _
screen -ls
eltex-pg1-v24@eltex-2025-summer:~$ screen -ls
There are screens on:
        36956.vi
                       (09.10.2025 18:45:03)
                                                (Detached)
        32094.top
                        (09.10.2025 18:38:04)
                                               (Detached)
        30857.pts-32.eltex-2025-summer (09.10.2025 18:36:18) (Detached)
3 Sockets in /run/screen/S-eltex-pg1-v24.
```

```
eltex-pg1-v24@eltex-2025-summer:-$
logout
Connection to 217.71.138.1 closed.

→sh 217.71.138.1 -p 44556 -l eltex-pg1-v24

eltex-pg1-v24@217.71.138.1's password:
Linux eltex-2025-summer 6.1.0-40-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.153-1 (2025-09-20) x8 6_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.
Last login: Thu Oct 9 18:35:33 2025 from 89.113.141.142
eltex-pg1-v24@eltex-2025-summer:-$
```

screen -ls

screen -r vi

<i> Мельничук Валентин Денисович часть 1 модуля 1 успешно завершена 9.10.25 18:19 <:wq>

```
"report_part1.txt" 1L, 131B written
eltex-pg1-v24@eltex-2025-summer:~$ _
```

<ctrl-a K y>

```
[screen is terminating]
eltex-pg1-v24@eltex-2025-summer:~$ _
```

```
screen -S top -X quit
screen -S pts -X quit
```

```
eltex-pg1-v24@eltex-2025-summer:~$ screen -S top -X quit
eltex-pg1-v24@eltex-2025-summer:~$ screen -S pts -X quit
eltex-pg1-v24@eltex-2025-summer:~$ screen -ls
No Sockets found in /run/screen/S-eltex-pg1-v24.
eltex-pg1-v24@eltex-2025-summer:~$
```