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

```
~►ssh 217.71.138.1 -p 44556 -l eltex-pg1-v24                                208.346s 18:35
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 18:32:05 2025 from 89.113.141.142
eltex-pg1-v24@eltex-2025-summer:~$
```

screen

                              [Press Space or Return to end.]

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

w

```
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
tech     pts/0    37.193.179.176   15:39    1:55m  0.02s  0.02s sshd: tech [priv]
eltex-pg pts/2    217.71.131.237   18:30    1:57   0.00s  ?     -bash
eltex-pg pts/3    178.130.143.197  17:28    1:08m  0.00s  ?     -bash
eltex-pg pts/4    217.71.131.234   18:29    7.00s  0.02s  ?     screen -r 2434
eltex-pg pts/5    176.59.145.254   17:30    1:06m  0.00s  ?     -bash
eltex-pg pts/6    185.210.141.98   18:34    31.00s 0.00s  ?     -bash
eltex-pg pts/7    :pts/4:S.3       18:36    22:43  0.00s  ?     vi report_part1.txt
eltex-pg pts/8    217.71.131.234   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
eltex-pg pts/11   :pts/86:S.0      18:20    11:27  0.00s  ?     SCREEN -S Top -d -m
eltex-pg pts/13   :pts/10:S.0      18:35    1.00s  0.01s  0.01s vi report_part1.txt
eltex-pg pts/15   :pts/4:S.1       18:36    11:47  2.46s  2.46s top
eltex-pg pts/17   91.79.222.224    17:38    58:46  0.00s  ?     -bash
eltex-pg pts/18   178.178.206.36   17:38    58:49  0.00s  ?     -bash
eltex-pg pts/20   176.59.146.129   17:38    58:39  0.00s  ?     -bash
eltex-pg pts/22   :pts/42:S.0      17:59    35:35  0.21s  0.03s SCREEN -S top -d -m
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    9:43   0.01s  ?     screen -dr top
eltex-pg pts/32   89.113.141.142   18:35    4.00s  0.00s  ?     screen
eltex-pg pts/33   217.71.131.237   17:45    17.00s 0.11s  0.04s -bash
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   217.71.139.234   17:55    45.00s 0.01s  ?     screen -r
eltex-pg pts/56   :pts/32:S.0      18:36    4.00s  0.11s  0.11s w
eltex-pg pts/75   :pts/4:S.2       18:36    31:59  0.42s  0.41s watch /usr/bin/vmstat
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
eltex-pg pts/83   178.178.206.36   18:29    6.00s  0.03s  0.03s -bash
eltex-pg pts/86   :pts/90:S.0      18:11    11:27  0.00s  ?     screen -r Top
eltex-pg pts/88   :pts/9:S.1       18:05    31:03  0.75s  0.75s watch /usr/bin/vmstat
eltex-pg pts/90   :pts/74:S.0      18:05    11:27  0.00s  ?     screen -S top
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

```
eltex-pg1-v24@eltex-2025-summer:~$ screen -ls
There are screens on:
        32094.top       (09.10.2025 18:38:04)   (Detached)
        30857.pts-32.eltex-2025-summer  (09.10.2025 18:36:18)   (Detached)
2 Sockets in /run/screen/S-eltex-pg1-v24.
```

Screen -r top

```
top - 18:39:08 up  3:01, 42 users,  load average: 0.11, 0.09, 0.03
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
MiB Mem :   3914.7 total,   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
  6902 tech      20   0   11640   5404   3252 S   0.3   0.1   0:02.24 top
 20043 eltex-p+  20   0   11644   5120   3220 S   0.3   0.1   0:01.18 top
 25548 eltex-p+  20   0   18008   7008   5140 S   0.3   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
     2 root      20   0       0      0      0 S   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      0      0 I   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
     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
    11 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_kthread
    12 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_rude_kthread
    13 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_trace_kthre+
    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      rt   0       0      0      0 S   0.0   0.0   0:00.03 migration/0
    18 root      20   0       0      0      0 S   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
    20 root      rt   0       0      0      0 S   0.0   0.0   0:00.24 migration/1
    21 root      20   0       0      0      0 S   0.0   0.0   0:00.04 ksoftirqd/1
    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      rt   0       0      0      0 S   0.0   0.0   0:00.24 migration/2
    26 root      20   0       0      0      0 S   0.0   0.0   0:00.03 ksoftirqd/2
    28 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kworker/2:0H-events_h+
    29 root      20   0       0      0      0 S   0.0   0.0   0:00.00 cpuhp/3
    30 root      rt   0       0      0      0 S   0.0   0.0   0:00.24 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+
    38 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kdevtmpfs
    39 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 inet_frag_wq
    40 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kauditd
    41 root      20   0       0      0      0 S   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
    43 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 writeback
    44 root      20   0       0      0      0 S   0.0   0.0   0:00.15 kcompactd0
    45 root      25   5       0      0      0 S   0.0   0.0   0:00.00 ksmd
    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
    49 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kblockd
    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
```

\<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
```

\<ctrl-a "\>

```
Num Name                                                              Flags

   0 top                                                                 $
   1 bash                                                                $

```

\<enter ctrl-a A\> vmstat

```



Set window's title to: vmstat

```

\<ctrl-a p\>

```
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
%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

    PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
     15 root      20   0       0      0      0 I   0.3   0.0   0:00.57 rcu_preempt
   5436 eltex-p+  20   0   11652   5480   3332 S   0.3   0.1   0:02.62 top
   6384 eltex-p+  20   0    7388   4144   2492 S   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
  10184 eltex-p+  20   0   11620   5504   3356 S   0.3   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
      1 root      20   0  168372  12860   9184 S   0.0   0.3   0:00.85 systemd
      2 root      20   0       0      0      0 S   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      0      0 I   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
      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
     11 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_kthread
     12 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_rude_kthread
     13 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_trace_kthre+
     14 root      20   0       0      0      0 S   0.0   0.0   0:00.05 ksoftirqd/0
     16 root      rt   0       0      0      0 S   0.0   0.0   0:00.03 migration/0
     18 root      20   0       0      0      0 S   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
     20 root      rt   0       0      0      0 S   0.0   0.0   0:00.24 migration/1
     21 root      20   0       0      0      0 S   0.0   0.0   0:00.04 ksoftirqd/1
     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      rt   0       0      0      0 S   0.0   0.0   0:00.24 migration/2
     26 root      20   0       0      0      0 S   0.0   0.0   0:00.04 ksoftirqd/2
     28 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kworker/2:0H-events_h+
     29 root      20   0       0      0      0 S   0.0   0.0   0:00.00 cpuhp/3
     30 root      rt   0       0      0      0 S   0.0   0.0   0:00.24 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+
     38 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kdevtmpfs
     39 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 inet_frag_wq
     40 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kauditd
     41 root      20   0       0      0      0 S   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
     43 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 writeback
     44 root      20   0       0      0      0 S   0.0   0.0   0:00.15 kcompactd0
     45 root      25   5       0      0      0 S   0.0   0.0   0:00.00 ksmd
     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
     49 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kblockd
```

<ctrl-a d>

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

screen -S vi

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

vi report_part1.txt

```
_
~
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~
"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.
```

<ctrl-d> ssh 217.71.138.1 -p 44556 -l eltex-pg1-v24

```
eltex-pg1-v24@eltex-2025-summer:~$
logout
Connection to 217.71.138.1 closed.
~►ssh 217.71.138.1 -p 44556 -l eltex-pg1-v24                              769.571s 18:48
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

```
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:~$
```

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:~$
```