

/var/log/auth.log .:

/var/log/auth.log

```
Feb 19 12:32:48 nd-nout fly-dm: :0[3421]: pam_unix(fly-dm:session): session opened for user ivanov by (uid=0)

«ivanov».
```

/var/log/auth.log

```
Feb 19 13:15:38 ac-old login[3865]: pam_unix(login:session): session closed for user petrovich

«petrovich».
```

```
,      parsec: /var/log/parsec/user.mlog,      «userlog».      «auth» (), «exit» ().
:
```

ac-old:~# userlog

```
[u] 'Tue Feb 19 12:50:00 2013' '/bin/login' <26828,26778,0,2500,0>[s] exit("login","petrovich")
[u] 'Tue Feb 19 12:57:59 2013' '/usr/bin/fly-dm' <25927,3462,0,0,0> [s] exit("fly-dm","root")
[u] 'Tue Feb 19 13:14:52 2013' '/bin/login' <3796,3680,0,0,0> [s] auth("login","root")
[u] 'Tue Feb 19 13:15:33 2013' '/bin/login' <3865,3683,0,2500,0> [s] auth("login","petrovich")
[u] 'Tue Feb 19 13:15:39 2013' '/bin/login' <3865,3683,0,2500,0> [s] exit("login","petrovich")
[u] 'Tue Feb 19 13:19:53 2013' '/bin/login' <3992,3898,0,2500,0> [s] auth("login","petrovich")
[u] 'Tue Feb 19 13:20:13 2013' '/bin/login' <3992,3898,0,2500,0> [s] exit("login","petrovich")
[u] 'Tue Feb 19 13:20:23 2013' '/bin/login' <4070,4020,0,2500,0> [s] auth("login","petrovich")
[u] 'Tue Feb 19 13:20:31 2013' '/bin/login' <4070,4020,0,2500,0> [s] exit("login","petrovich")
[u] 'Tue Feb 19 13:27:48 2013' '/bin/login' <4212,4091,0,2500,0> [s] auth("login","petrovich")
[u] 'Tue Feb 19 13:27:54 2013' '/bin/login' <4212,4091,0,2500,0> [s] exit("login","petrovich")
[u] 'Tue Feb 19 13:33:51 2013' '/bin/login' <4327,4234,0,2500,0> [s] auth("login","petrovich")
[u] 'Tue Feb 19 13:33:55 2013' '/bin/login' <4327,4234,0,2500,0> [s] exit("login","petrovich")
[u] 'Tue Feb 19 13:39:49 2013' '/bin/login' <4440,4348,0,2500,0> [s] auth("login","petrovich")
[u] 'Tue Feb 19 13:39:53 2013' '/bin/login' <4440,4348,0,2500,0> [s] exit("login","petrovich")
```

10 « «Astra Linux Special Edition». . 1». «man» , «man parselog». «Astra Linux Special Edition» «. . . » , . . :
0 :

ac-old:~# ald-admin user-aud-get petrovich

```
Audit policy user:petrovich

Audit success rules: ocxudntligarmphew

nr f flag

-- - ----

0 o open
```

1 c create

2 x exec

3 u delete

4 d chmod

5 n chown

6 t mount

7 l module

8 i uid

9 g gid

10 a audit

11 r acl

12 m mac

13 p cap

14 h chroot

15 e rename

16 w net

Audit fail rules: ocxudntligarmphew

nr f flag

-- - ----

0 o open

1 c create

2 x exec

3 u delete

4 d chmod

5 n chown

6 t mount

7 l module

8 i uid

9 g gid

10 a audit

11 r acl

12 m mac

13 p cap

14 h chroot

15 e rename

16 w net

:

> /var/log/parsec/kernel.mlog

«petrovich». kernlog «petrovich»:

```
ac-old:~# kernlog | grep "petrovich"
```

```
[p] 'Tue Feb 19 13:39:49 2013' '/bin/bash' <4450,4440,2500,2500,2500> [f] open("/ald_home/petrovich/.
bash_profile",O_RDONLY) = -2 ENOENT ( )

[p] 'Tue Feb 19 13:39:49 2013' '/bin/bash' <4450,4440,2500,2500,2500> [f] open("/ald_home/petrovich/.
bash_login",O_RDONLY) = -2 ENOENT ( )

[p] 'Tue Feb 19 13:39:49 2013' '/bin/bash' <4450,4440,2500,2500,2500> [f] open("/ald_home/petrovich/.profile",
O_RDONLY) = -2 ENOENT ( )

[p] 'Tue Feb 19 13:39:49 2013' '/bin/bash' <4450,4440,2500,2500,2500> [s] open("/ald_home/petrovich/.
bash_history",O_RDONLY) = 3

[p] 'Tue Feb 19 13:39:49 2013' '/bin/bash' <4450,4440,2500,2500,2500> [s] open("/ald_home/petrovich/.
bash_history",O_RDONLY) = 3

[p] 'Tue Feb 19 13:39:52 2013' '/bin/bash' <4450,4440,2500,2500,2500> [f] open("/ald_home/petrovich/.
bash_logout",O_RDONLY) = -2 ENOENT ( )

[p] 'Tue Feb 19 13:39:52 2013' '/bin/bash' <4450,4440,2500,2500,2500> [s] open("/ald_home/petrovich/.
bash_history",O_WRONLY | O_APPEND) = 3

[p] 'Tue Feb 19 13:39:52 2013' '/bin/bash' <4450,4440,2500,2500,2500> [s] open("/ald_home/petrovich/.
bash_history",O_RDONLY) = 3

[p] 'Tue Feb 19 13:39:52 2013' '/bin/login' <4440,4348,0,2500,0> [s] umount("/ald_home/petrovich/mac/0/0") = 0

[p] 'Tue Feb 19 13:39:52 2013' '/bin/login' <4440,4348,0,2500,0> [s] umount("/ald_home/petrovich/mac") = 0

[p] 'Tue Feb 19 13:39:52 2013' '/bin/login' <4440,4348,0,2500,0> [s] umount("/ald_home/petrovich") = 0

[p] 'Tue Feb 19 13:39:52 2013' '/bin/login' <4440,4348,0,2500,0> [s] umount("/var/private/mac/petrovich/0/0") =
0

[p] 'Tue Feb 19 13:39:52 2013' '/bin/login' <4440,4348,0,2500,0> [s] umount("/var/private/mac/petrovich") = 0

[p] 'Tue Feb 19 13:39:52 2013' '/usr/sbin/pmvarrun' <4453,4440,0,2500,0> [s] create("/var/run/pam_mount
/petrovich",O_RDWR | O_CREAT,-rw-----) = 7

[p] 'Tue Feb 19 13:39:52 2013' '/usr/sbin/pmvarrun' <4453,4440,0,2500,0> [s] chown("/var/run/pam_mount
/petrovich",2500,0) = 0

[p] 'Tue Feb 19 13:39:53 2013' '/sbin/umount.cifs' <4455,4454,0,2500,0> [s] umount("/ald_home/petrovich") = 0
```

«open»(),«mount»(),«create»(),«chown»(). «petrovich» «testdir» «testfile». — :

```
dc-old:~# ls -l /ald_export_home/petrovich/ | grep test
```

```
drwxr-x--- 2 petrovich petrovich 4096 19 13:50 testdir
```

```
dc-old:~# ls -l /ald_export_home/petrovich/testdir/
```

```
4
-rwxr----- 1 petrovich petrovich 5 19 13:50 testfile
```

:

```
dc-old:/ald_export_home/petrovich# getfaud testdir/
```

```
# file: testdir
o:ouc:ouc
default:o:ouc:ouc
```

```
dc-old:/ald_export_home/petrovich# getfaud testdir/testfile
```

```
# file: testdir/testfile
```

```
o:ouc:ouc
```

```
«petrovich» testdir/testfile, testdir/testfile2. /var/log/parsec/kern.mlog :
```

kernlog

```
:  
[f] 'Tue Feb 19 14:07:23 2013' '/usr/sbin/smbd' <6514,3024,0,0,2500> [s] open("/ald_export_home/petrovich/testdir",NO_PERMS | O_NONBLOCK | O_DIRECTORY) = 0  
:  
[f] 'Tue Feb 19 14:07:25 2013' '/usr/sbin/smbd' <6514,3024,0,0,2500> [s] unlink("/ald_export_home/petrovich/testdir/testfile (deleted)") = 0  
:  
[f] 'Tue Feb 19 14:07:34 2013' '/usr/sbin/smbd' <6514,3024,0,0,2500> [s] create("/ald_export_home/petrovich/testdir/testfile2",-rw-r-----) = 0  
[f] 'Tue Feb 19 14:07:34 2013' '/usr/sbin/smbd' <6514,3024,0,0,2500> [s] open("/ald_export_home/petrovich/testdir/testfile2",O_RDONLY | O_CREAT | O_NOFOLLOW) = 0  
:  
[f] 'Tue Feb 19 14:12:15 2013' '/usr/bin/scp' <6609,6606,0,0,0> [s] create("/ald_export_home/petrovich/testdir/remote_cp",-rw-r--r--) = 0  
[f] 'Tue Feb 19 14:12:15 2013' '/usr/bin/scp' <6609,6606,0,0,0> [s] open("/ald_export_home/petrovich/testdir/remote_cp",O_RDONLY | O_CREAT) = 0  
  
, («create»), . / «chmac» ( ).
```

```
setfaud -s o:ocum:ocum testdir/testfile2
```

```
> /var/log/parsec/kernel.mlog
```

```
chmac 1:0 testdir/testfile2
```

dc-old:~# kernlog

```
[f] 'Tue Feb 19 14:24:55 2013' '/bin/bash' <5891,5887,0,0,0> [s] open("/ald_export_home/petrovich/testdir",NO_PERMS | O_NONBLOCK | O_DIRECTORY) = 0  
[f] 'Tue Feb 19 14:24:56 2013' '/usr/sbin/chmac' <6914,5891,0,0,0> [s] parsec_chmac("/ald_export_home/petrovich/testdir/testfile2",{1,0x0},0) = 0
```

```
« . . . » . «Astra Linux Special Edition» . ping.
```

```
[p] 'Fri Feb 22 12:57:29 2013' '/bin/bash' <6798,6795,2500,2500,0> [s] exec("/bin/ping") = 0  
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,0> [s] open("/etc/ld.so.cache",O_RDONLY) = 3  
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,0> [s] open("/lib/libresolv.so.2",O_RDONLY) = 3  
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,0> [s] open("/lib/libc.so.6",O_RDONLY) = 3  
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,0> [s] setuid(2500) = 0  
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] open("/etc/resolv.conf",O_RDONLY) = 4  
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] open("/etc/resolv.conf",O_RDONLY) = 4  
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] connect(SOCK_STREAM,{AF_UNIX,...}, {AF_UNIX,/var/run/nscd/socket}) = 0  
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] connect(SOCK_STREAM,{AF_UNIX,...}, {AF_UNIX,/var/run/nscd/socket}) = 0  
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] open("/etc/nsswitch.conf",O_RDONLY) = 4
```

```

[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] open("/etc/ld.so.cache",O_RDONLY) = 4
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] open("/lib/libnss_files.so.2",
O_RDONLY) = 4</
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] open("/etc/host.conf",O_RDONLY) = 4
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] open("/etc/hosts",O_RDONLY) = 4
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] open("/etc/ld.so.cache",O_RDONLY) = 4
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] open("/lib/libnss_dns.so.2",O_RDONLY)
= 4
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] connect(SOCK_DGRAM,{AF_INET,
10.0.0.106:41209},{AF_INET,10.0.0.1:53}) = 0
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] sendmsg(SOCK_DGRAM,{AF_INET,
10.0.0.106:41209},{AF_INET,10.0.0.1:53}) = 29
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] recvmsg(SOCK_DGRAM,{AF_INET,
10.0.0.106:41209},{AF_INET,10.0.0.1:53}) = 78
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] connect(SOCK_DGRAM,{AF_INET,
10.0.0.106:48650},{AF_INET,10.0.0.1:1025}) = 0
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] sendmsg(SOCK_RAW,{AF_INET,0.0.0.0:1},
{AF_INET,10.0.0.1:0}) = 64
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] recvmsg(SOCK_RAW,{AF_INET,0.0.0.0:1},
{AF_INET,10.0.0.1:0}) = 84
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] open("/etc/hosts",O_RDONLY) = 4
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] connect(SOCK_DGRAM,{AF_INET,
10.0.0.106:44260},{AF_INET,10.0.0.1:53}) = 0
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] sendmsg(SOCK_DGRAM,{AF_INET,
10.0.0.106:44260},{AF_INET,10.0.0.1:53}) = 39
[p] 'Fri Feb 22 12:57:29 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] recvmsg(SOCK_DGRAM,{AF_INET,
10.0.0.106:44260},{AF_INET,10.0.0.1:53}) = 96
[p] 'Fri Feb 22 12:57:30 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] sendmsg(SOCK_RAW,{AF_INET,0.0.0.0:1},
{AF_INET,10.0.0.1:0}) = 64
[p] 'Fri Feb 22 12:57:30 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] recvmsg(SOCK_RAW,{AF_INET,0.0.0.0:1},
{AF_INET,10.0.0.1:0}) = 84
[p] 'Fri Feb 22 12:57:30 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] open("/etc/hosts",O_RDONLY) = 4
[p] 'Fri Feb 22 12:57:30 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] connect(SOCK_DGRAM,{AF_INET,
10.0.0.106:53774},{AF_INET,10.0.0.1:53}) = 0
[p] 'Fri Feb 22 12:57:30 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] sendmsg(SOCK_DGRAM,{AF_INET,
10.0.0.106:53774},{AF_INET,10.0.0.1:53}) = 39
[p] 'Fri Feb 22 12:57:30 2013' '/bin/ping' <6798,6795,2500,2500,2500> [s] recvmsg(SOCK_DGRAM,{AF_INET,
10.0.0.106:53774},{AF_INET,10.0.0.1:53}) = 96

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, IP- . 10 « «Astra Linux Special Edition». . 1».

1.2, 0, . , /etc/pam.d/common-session :

session optional pam_ald.so populate_krb5cc

, . .