

astra-safepolicy

- - o [astra-autologin-control](#)
 - o [astra-bash-lock](#)
 - o [astra-commands-lock](#)
 - o [astra-console-lock](#)
 - o [astra-digsig-control](#)
 - o [astra-docker-isolation](#)
 - o [astra-format-lock](#)
 - o [astra-hardened-control](#)
 - o [astra-ilev1-control](#)
 - o [astra-interpreters-lock](#)
 - o [astra-lkrg-control](#)
 - o [astra-macros-lock](#)
 - o [astra-mac-control](#)
 - o [astra-mic-control](#)
 - o [astra-modban-lock](#)
 - o [astra-modeswitch](#)
 - o [astra-mode-apps](#)
 - o [astra-mount-lock](#)
 - o [astra-noautonet-control](#)
 - o [astra-nobootmenu-control](#)
 - o [astra-nochmodx-lock](#)
 - o [astra-overlay](#)
 - o [astra-pttrace-lock](#)
 - o [astra-secdel-control](#)
 - o [astra-shutdown-lock](#)
 - o [astra-strictmode-control](#)
 - o [astra-sudo-control](#)
 - o [astra-sumac-lock](#)
 - o [astra-swapwiper-control](#)
 - o [astra-sysrq-lock](#)
 - o [astra-ufw-control](#)
 - o [astra-ulimits-control](#)
- [astra-security-monitor](#)

 :

- Astra Linux Special Edition .10015-01 (1.7)
- Astra Linux Special Edition .10152-02 (4.7)
- Astra Linux Special Edition .10015-01 (1.6) 6 (, .)
- Astra Linux Common Edition 2.12.29 (, , .)

 .



```
- ( astra-modeswitch astra-strictmode-control), astra-safepolicy, :  
  
• enable - / .  
    (, astra-mic-control enable astra-autologin-control);  
  
• disable - / ( astra-strictmode-control disable );  
  
• status - , , ( , , ).  
    (0 - , 1 - );  
  
• is-enabled (/).  
    (0 - , 1 - );  
  
, - , , (.).  
- ( unit-, )".
```

astra-autologin-control

.



0, .

astra-bash-lock

bash. , , .. , , .

 , bash , bash , .

astra-admin.

.

astra-commands-lock

:

- df;
- chattr;
- arp;
- ip.

750 (rwx r-x -- -).

.

astra-console-lock

, astra-console. astra-console , astra-admins .

.

astra-digsig-control

() . astra-digsig-control enable (DIGSIG_ELF_MODE=1 /etc/digsig/digsig_initramfs.conf), astra-digsig-control disable (DIGSIG_ELF_MODE=0 /etc/digsig/digsig_initramfs.conf).



.

astra-docker-isolation



Astra Linux x.7 .

docker 2. /etc/systemd e override-. docker. docker , docker .

astra-format-lock



Astra Linux x.7 .

. ().

astra-hardened-control

/ grub2 hardened , .



, grub2.

astra-ilev1-control



:

Astra Linux Special Edition .10015-01 1.6 [20210611SE16 \(7\)](#).

1, /etc/systemd override- . . :

- apache2;
- dovecot;
- exim4.

, . . . , :

sudo systemctl restart apache2 dovecot exim4

astra-interpreters-lock

. [astra-bash-lock](#).

, . . :

- perl;
- python;
- irb;
- dash;
- ksh;
- zsh;
- csh;
- tcl;
- tk;
- expect;
- lua;
- ptksh ([2024-0212SE17MD \(1.7.5.UU.1\)](#));
- qemu-user-static ([2024-0212SE17MD \(1.7.5.UU.1\)](#));



astra-interpreters-lock:

- bash, , bash, . bash [astra-bash-lock](#).
- astra-admin.

, . . . astra-nochmodx-lock, .. , , . astra-interpreters-lock [astra-nochmodx-lock](#).

.

astra-lkrg-control

lkrg (lkrg-5.10.0-1045-generic, lkrg-5.4.0-81-generic, lkrg-5.10-generic, lkrg-5.4.0-54-generic, lkrg-5.4-generic .) generic, lkrg (initrd) lkrg
astra-lkrg-control. astra-lkrg-control lkrg . lkrg - , . . , , virtualbox.



hardened, astra-lkrg-control , hardened lkrg .

astra-macros-lock

libreoffice. libreoffice , , , . - .

.

astra-mac-control



Astra Linux x.7 .

. . . .



astra-mic-control

•

astra-modban-lock

• , •

•

astra-modeswitch

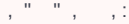


:

• • •
• • •
• • •

•

- : ;
- : () , , , .



• •

•

9 9 *

•

0			
0			

:

- list - ;
- get - ;
- getname - ;
- set <> - , <> (). :

	base	0
	advanced	1
	maximum	2

astra-mode-apps



Astra Linux x.7 .

:

- AstraMode apache2 (/etc/apache2/apache2.conf). AstraMode /etc/apache2/apache2.conf () ;
- Enable cups (/etc/cups/cupsd.conf).

apache2 cups.

astra-mount-lock

fly-reflex-service/fly-admin-reflex .

.

astra-noautonet-control

, [NetworkManager](#), [network-manager](#) [connman](#), .

.

astra-nobootmenu-control

grub2. .



, grub2.

astra-nochmodx-lock

(chmod +x), . , , astra-admin, root.

astra-nochmodx-lock [astra-interpreters-lock](#).

.

astra-overlay

overlay (). overlay , . , , , , . , , , , .

 overlay , , , , /home , .

astra-pttrace-lock

pttrace, kernel.yama.pttrace_scope 3 (pttrace).

. 0. .

astra-secdel-control

, /etc/fstab. :

- ext2;
- ext3;
- ext4;
- xfs;

astra-secdel-control , , . , , .

(..).

astra-shutdown-lock

, . policykit (/etc/polkit-1/localauthority/10-vendor.d/ru.astralinux.noshutdown.pkla), . Ctrl-Alt-Del.

astra-strictmode-control



:

- Astra Linux Special Edition .10015-01 .10015-10 (1.7) [2022-0819SE17 \(1.7.2\)](#)
- Astra Linux Special Edition .10015-37 (7.7)
- Astra Linux Special Edition .10152-02 (4.7) [2022-0926SE47 \(4.7.2\)](#)



(disable) .

astra-sudo-control

sudo. Astra Linux Special Edition x.7 sudo (), sudo . sudo , . "" sudo , "" - .

astra-sumac-lock

sumac fly-sumac. , , PARSEC_CAP_SUMAC, sumac. 000 sumac libsumacrunner.so.

astra-swapwiper-control

. /etc/parsec/swap_wiper.conf.

astra-sysrq-lock

, SysRq, .. kernel.sysrq. /etc/sysctl.d/999-astra.conf.



,.. SysRq .

astra-ufw-control

ufw. firewalld (), ufw ,.. .

astra-ulimits-control

, . /etc/security/limits.conf.

, , .

astra-security-monitor

" " .

:



- **list** - ;
- **status** - (,);
- **status N** - N, N -- id , list;
- **switches** - , .

:

- /
- /
-

"" , , . "" . , ptrace "" .. , .

"" , , , . "" " " , (.).

, .. , .

:

- - , , , /etc/parsec/fs-ilev.conf. , :
- "" - ;
- "" - ;
- "" - ;



, /etc/parsec/fs-ilev.conf, :

```
sudo set-fs-ilev status -v
```

- (xattr) - , , xattr ;
- root ssh - root (,). root ssh, .. "";
- - , . /etc/parsec/parsec.conf login_local admin (, astra-admin) no (), ;
- - "" ;
- - "" .

