20200807SE16MD

Astra Linux Special Edition .10015-01 (1.6) .

- , grub2
  -
  - /boot " " (read-only)
  - .
-

. .

6 (20200722SE16).

, , 8 (20210730SE16).

, grub2

.
.

:

1. **grub2.** ;
2. **.** , ;
3. **/boot " " (read-only).** . (,). , /boot .
4. **.** . (,).

.

3 " /boot " " (read-only)" 4 " " (,).

grub2

grub2 .

1. : ;
2. , :

```
gostsum 20200807SE16MD.tar.gz
```

```
3de1343e259d509ac056a33af140554664f3753c3341a1f91b7a0adac907f8ec
20200807se16md.tar.gz
```

"-" ().

.

3. , :

```
tar xzf 20200807se16md.tar.gz
```

4. :

```
cd 20200807se16md
```

5. /boot " ", ;
6. :

```
sudo ./update.sh
```

, .

. -1 " .468266.003 1" 7.5 " ". . :

1. /boot/grub/grub.cfg
2. /boot/*vmlinuz*
3. /boot/efi/EFI/astralinuxse/grubx64.efi
4. /boot/efi/EFI/Boot/bootx64.efi

, grub.cfg .

/boot " " (read-only)

/boot " " (read-only) .

(,).
, /boot .

" " (read-only) /etc/fstab ro:

/etc/fstab

```
UUID=8ea2a0d4-611f-4614-a41c-34d24c69eea6        /boot        ext4        ro,noatime,nodiratime
0         2
```

/boot .

.

(,).

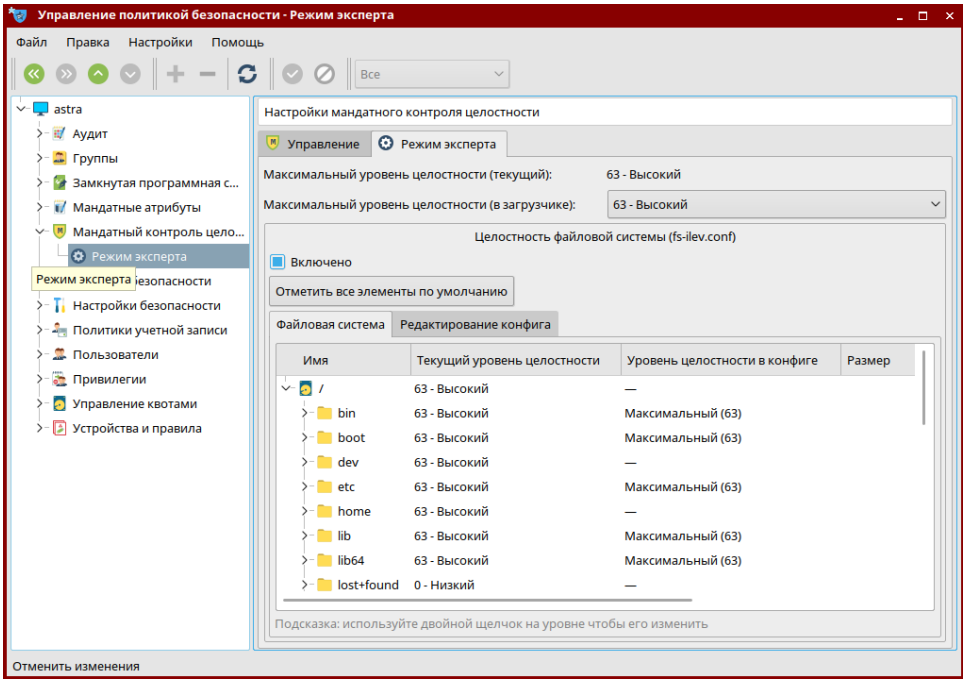
:

```
sudo set-fs-ilev
```

" ":

1. ;

2. - " - ":



3. .

- grub2

  CVE-2020-10713 CVE-2020-14308 CVE-2020-14309 CVE-2020-14310 CVE-2020-14311 C
  VE-2020-15706 CVE-2020-15707