

# 20200807SE16MD



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



. .

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



6 ( 20200722SE16).



, , 8 ( 20210730SE16).

, grub2



:

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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. /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<br>0 2 | /boot | ext4 | ro,noatime,nodiratime |

/boot .

.  
.

 (, ).

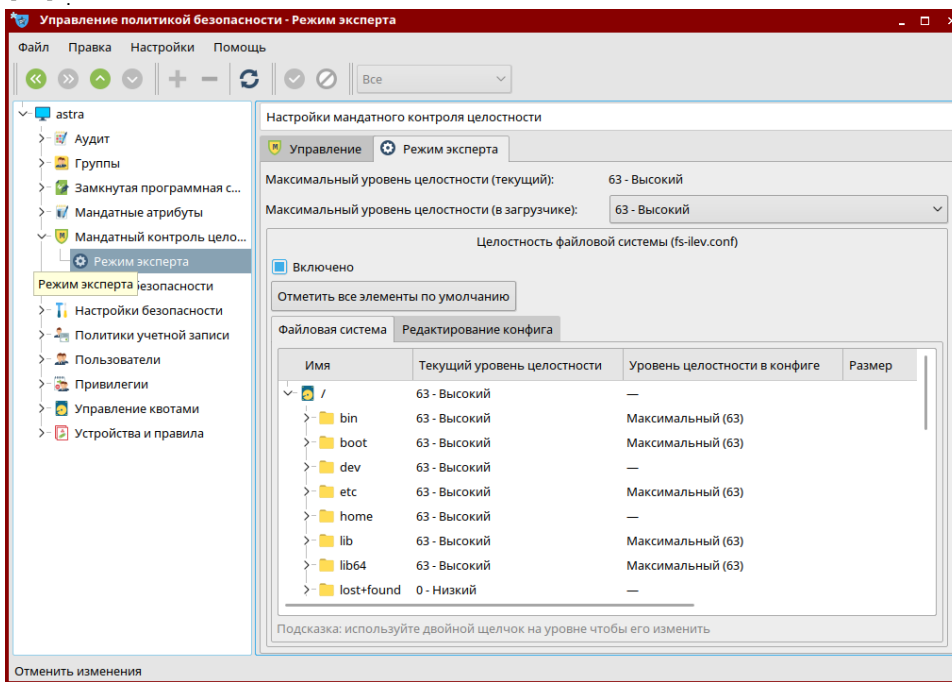
:

```
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