

20220829SE16 (11)

 1.6.11 , "Astra Linux Special Edition" .10015-01 (1.6), - Astra Linux.

 :

- [20220407SE16MD](#)
- [20220318SE16MD](#)
- [20220201SE16MD](#)
- [20211126SE16 \(10\)](#)
- [20211008SE16 \(9\)](#)
- [20210730SE16 \(8\)](#)
- [20210723SE16MD](#)
- [20210611SE16 \(7\)](#)
- [20210317SE16MD](#)
- [20210128SE16MD](#)
- [20201207SE16MD](#)
- [20200921SE16MD](#)
- [20200807SE16MD](#)
- [20200722SE16 \(6\)](#)
- [20200526SE16MD](#)
- [20200327SE16 \(5\)](#)
- [20191029SE16 \(4\)](#)
- [20190912SE16 \(3\)](#)
- [20190712SE16MD](#)
- [20190621SE16MD](#)
- [20190529SE16MD](#)
- [20190222SE16 \(2\)](#)
- [20181229SE16 \(1\)](#)

 :

- 0 ;
- 0 .

- -
 -
 -
 -
 - - [fly-astra-update/astra-update](#)
 - [fly-astra-update/astra-update](#)
 - -
 - [ISO-](#)
-
- [ksmbd.ko](#) [Linux](#)
- - [- Astra Linux](#)
 - - [Firefox](#)
 - [Chromium](#)

 :

- , [20220829SE16 \(11\)](#)
- [20220829SE16 \(11\)](#):

 Astra Linux: **1.6.11.4**

 .: [Astra Linux](#)

 , , .

 !

[Linux 5.15](#), [ksmbd.ko](#), [Linux](#) – . [ksmbd.ko Linux](#).

 [fly-admin-int-check](#) [gostsums.txt](#), [r](#)
[epository-update-bin.iso](#).

[Astra Linux \(, « »\)](#) , [Astra Linux](#).

 ().

 , , ([repository-update-dev.iso](#)).





:

- : fly-astra-update astra-update - .



!

.

, . :

df -h /boot

100 . /boot , /boot (512).

. boot LVM. .

1. - :
https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.11/iso/repository-update-bin.iso
:

```
wget https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.11/iso
repository-update-bin.iso
```

2. /mnt . :
 - , 34.11-2012 . :

```
gostsum -d /mnt/repository-update-bin.iso
```

:

c72be1785375e1bf1bf8c12da9ea1e8b9fac953f9ccbcc6332aacca3162b5553

- CSP.
CSP CSP fly-csp.
:
a. "-" - :
https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.11/iso/repository-update-bin.iso.sig
:

```
wget https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.11
/iso/repository-update-bin.iso.sig
```

- b. /mnt ,
- c. /mnt , (-f<__>):

```
/opt/cprocsp/bin/amd64/cryptcp -verify -detached repository-
update-bin.iso repository-update-bin.iso.sig -f repository-
update-bin.iso.sig
```

, "y" <Enter>.

:

[ErrorCode: 0x00000000]



1. `https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.11/iso/repository-update-dev.iso`

```
wget https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.11/iso/repository-update-dev.iso
```

2. `/mnt` , 34.11.2012 . :

```
gostsum -d /mnt/repository-update-dev.iso
```

```
41026349e68be9a8e0e6e5c1ad4a5015768d9c902fbad91c047ab2a262fdebe5
```

- CSP. CSP fly-csp.

- a. `https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.11/iso/repository-update-dev.iso.sig`

```
wget https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.11/iso/repository-update-dev.iso.sig
```

- b. `/mnt` ,
- c. `/mnt` , (-f<__>):

```
/opt/cprocsp/bin/amd64/cryptcp -verify -detached repository-update-dev.iso repository-update-dev.iso.sig -f repository-update-dev.iso.sig
```

, "y" <Enter>.

```
[ErrorCode: 0x00000000]
```

fly-astra-update/astra-update

(.) /etc/apt/sources.list, :

- fly-astra-update (astra-update):

```
sudo apt update
sudo apt install fly-astra-update
```

- astra-update:

```
sudo apt update
sudo apt install astra-update
```

fly-astra-update/astra-update

1. , , /media/cdrom:

```
sudo mount /mnt/repository-update-bin.iso /media/cdrom
```

2. :
astra-update:

```
sudo apt install /media/cdrom/pool/non-free/a/astra-update/astra-  
update_*.deb
```

astra-update fly-astra-update:

```
sudo apt install /media/cdrom/pool/non-free/a/astra-update/astra-  
update_*.deb  
sudo apt install /media/cdrom/pool/non-free/libf/libflyadmin  
/libflyadminpackage_*.deb  
sudo apt install /media/cdrom/pool/non-free/f/fly-astra-update/fly-  
astra-update_*.deb
```

3. :

```
sudo umount /media/cdrom
```

(.) ISO-:

1. :
• ;
• ;
2. :
• ;
• ;

/etc/apt/sources.list, :

```
sudo astra-update -a -r
```

/etc/apt/sources.list , astra-update/fly-astra-update (fly-astra-update astra-update -).

ISO-

, ISO- :

1. :
• ;
• ;

2. :

ISO- , . astra-update/fly-astra-update, :

```
sudo astra-update -a /mnt/<____> /mnt/repository-update-bin.iso /mnt/<____>  
/mnt/repository-update-dev.iso
```

, /mnt , /mnt.
. fly-astra-update astra-update.



ksmbd.ko Linux

Linux 5.15, ksmbd.ko, Linux. .

1. /etc/modprobe.d/blacklist.local.conf (-).
2. , install, shell:

```
install ksmbd /bin/true
```

3. :

```
sudo update-initramfs -uk all
```



- Astra Linux



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





, /etc/apt/sources.list () (HTTPS):

```
# ( )
deb https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.<__>/repository smolensk main contrib non-free

#
deb https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.<__>/repository-update/ smolensk main contrib non-free

#
deb https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.<__>/repository-dev/ smolensk main contrib non-free

#
deb https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.<__>/repository-dev-update/ smolensk main contrib non-free
```

, Astra Linux 1.6.10 :

```
deb https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.10/repository smolensk main contrib non-free
deb https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.10/repository-update/ smolensk main contrib non-free
deb https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.10/repository-dev/ smolensk main contrib non-free
deb https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.10/repository-dev-update/ smolensk main contrib non-free
```

- :

sudo apt update



ca-certificates-local .

Firefox

1. ,, : — — **Firefox**.
2. "about:preferences" <Enter>.
3. [].
4. [...].
5. /etc/ssl/certs/rootca_MinDDC_rsa2022.pem [].
6. - [].
7. [].

, [] :

The Ministry of Digital Development and Communications
Russian Trusted Root CA

Chromium

1. ,, : — — **Chromium**.
2. "chrome://settings/certificates" <Enter>.
3. [].
4. /etc/ssl/certs/rootca_MinDDC_rsa2022.pem [].

5. □.

:

org-The Ministry of Digital Development and Communications
Russian Trusted Root CA