

2022-1110SE17 (1.7.3)

 1.7.3 , «Astra Linux Special Edition» .10015-01 (1.7), .10015-10, .10015-37 (7.7), - Astra Linux.

 :

- () (- main);
- (base);
- (extended).

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- , 2022-1110SE17 (1.7.3);
- 2022-1110SE17 (1.7.3): ;
- , 2022-1110SE17 (1.7.3).

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- , 2022-1110SE17 (1.7.3)

 Astra Linux: 1.7.3.7

∴ Astra Linux

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- [2022-1011SE17MD \(1.7.2.UU.1\)](#)
- [2022-0819SE17 \(1.7.2\)](#)
- [2022-0407SE17MD](#)
- [2022-0318SE17MD](#)
- [2022-0201SE17MD](#)
- [2021-1126SE17 \(1.7.1\)](#)
- [2021-0915SE17MD](#)

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 !

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

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-
- (main)
-
-
- (main) - Astra Linux
- (base)
- - Astra Linux
- tar- (base)
-
- ksmbd.ko Linux
-
-
- Firefox
- Chromium
- « »

 , , (base).

 (base) (main), . .

 ().

 (,) (- main) fly-admin-int-check gostsums.txt, repository-update.iso.

() Astra Linux (, « ») , Astra Linux.



```

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

```



```

, . :

```

```
df -h /boot
```

```
75. /boot , /boot ( 512 ).
```

```
. boot LVM. .
```

(main)

1. - :
https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.3/iso/repository-update.iso
 :

```
wget https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.3/iso/
repository-update.iso
```

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

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

```
:
```

```
8f1a20d4d705eca75d34af61e5671a5cdebcb4ad573f105d298b8bb826c4940e
```

- ISO- CSP. , . CSP CSP fly-csp.
 :
 a. " " - :
https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.3/iso/repository-update.iso.sig
 :

```
wget https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.3/
iso/repository-update.iso.sig
```

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

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

```
, "y" <Enter>.
```

```
:
```

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

```
, .
```

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

```
sudo astra-update -A -r
```

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

, . , . :

```
sudo astra-update -A /mnt/<__> /mnt/repository-update.iso
```

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

(main) - Astra Linux

1. - Astra Linux, :

a. , HTTPS, apt-transport-https ca-certificates:

```
sudo apt install apt-transport-https ca-certificates
```



, - Astra Linux HTTP.

b. /etc/apt/sources.list :

o HTTPS

```
deb https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.3/repository-main/ 1.7
_x86-64 main contrib non-free
deb https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.3/repository-update/ 1.7
_x86-64 main contrib non-free
```

o HTTP

```
deb http://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.3/repository-main/ 1.7
_x86-64 main contrib non-free
deb http://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.3/repository-update/ 1.7
_x86-64 main contrib non-free
```



, :

```
deb cdrom:[<__>]/ 1.7_x86-64 contrib main non-free
```

("#").

2. :

```
sudo apt update
```

3. , :

```
sudo astra-update -A -r
```

(base)

- Astra Linux

1. - Astra Linux, :

a. , HTTPS, apt-transport-https ca-certificates:

```
sudo apt install apt-transport-https ca-certificates
```



, - Astra Linux HTTP.

b. /etc/apt/sources.list :

- HTTPS

```
deb https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.3/repository-base/ 1.7_x86-64
main contrib non-free
```

- HTTP

```
deb http://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.3/repository-base/ 1.7_x86-64
main contrib non-free
```



, :

```
deb cdrom:[<__>]/ 1.7_x86-64 contrib main non-free
```

("#").

2. :

```
sudo apt update
```

3. , :

- :

```
sudo astra-update -A -r
```

- [1.7.1 \(2021-1126SE17 \)](#) :

```
sudo astra-update -A -r -T
```

tar- (base)



tar- .

1. tar- , .
2. tar- /mnt . :

- , 34.11-2012 . :

```
gostsum /mnt/base-1.7.3-03.11.2022_15.53.tgz
```

:

```
92665e2fd671b70b57d69905450eff95aac5544740555ccb1f82c8bb354d655c
```

- tar- CSP. , . CSP [CSP](#) [fly-csp](#).

:

- a. "-" , ,
- b. /mnt ,
- c. /mnt , (-f<_>):

```
/opt/cprocsp/bin/amd64/cryptcp -verify -detached base-1.7.3-03.11.2022_15.53.tgz base-1.7.3-03.11.2022_15.53.tgz.sig -f base-1.7.3-03.11.2022_15.53.tgz.sig
```

, "y" <Enter>.

:

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

3. tar- .
4. tar-, /srv/base-repository:

```
sudo mkdir /srv/base-repository
```

```
sudo tar zxvf base-1.7.3-03.11.2022_15.53.tgz -C /srv/base-repository/
```



, , .



13 .

5. /srv/base-repository/ ([Astra Linux](#)). , , :

```
deb file:/srv/base-repository/ 1.7_x86-64 main contrib non-free
```



, :

```
deb cdrom:[<__>]/ 1.7_x86-64 contrib main non-free
```

("#").

6. :

```
sudo apt update
```

7. , :

- :

```
sudo astra-update -A -r
```

- [1.7.1 \(2021-1126SE17\)](#) :

```
sudo astra-update -A -r -T
```



.

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
```



.



.



1.7.2 Astra Linux ca-certificates-local, .



ca-certificates-local .

Firefox

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

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Chromium

1. ,, : — — - **Chromium**.
 2. "chrome://settings/certificates" <Enter>.
 3. [].
 4. /etc/ssl/certs/rootca_MinDDC_rsa2022.pem [].
 5. [].
- :

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1.7.1 Astra Linux « » (fly-notifications), .

« » :

```
sudo apt install fly-notifications
```

qtnotifydaemon .