

2023-1023SE17 (1.7.5)

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

 :

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

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- , 2023-1023SE17 (1.7.5)
- , 2023-1023SE17 (1.7.5)
- , 2023-1023SE17 (1.7.5)
- 2023-1023SE17 (1.7.5):

 Astra Linux: 1.7.5.9

`.. : Astra Linux`

 :

- [2023-0630SE17MD \(1.7.4.UU.1\)](#)
- [2023-0426SE17 \(1.7.4\)](#)
- [2023-0303SE17MD \(1.7.3.UU.2\)](#)
- [2022-1221SE17MD \(1.7.3.UU.1\)](#)
- [2022-1110SE17 \(1.7.3\)](#)
- [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](#)

 QEMU/KVM Astra Linux [libvirt-admin](#).

 .

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

`() Astra Linux (, « ») , Astra Linux.`

- -
 - (main)
 -
 -
 -
 - (main) - Astra Linux
 - (base)
 - - Astra Linux
 - (base)
-
- - libvirt-admin
 - - Firefox
 - Chromium
 - « »

 :

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

 .

(main)

1. - :
https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.5/iso/repository-update.iso
:

```
wget https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.5/iso
/repository-update.iso
```

2. . :
 - , 34.11-2012 . :

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

```
692588a909935b73b71baea84d7c67ca5d9dcc7948cf2f002e367a46a685004e
```

- ISO- CSP. , . CSP [CSP](#) [fly-csp](#).
:
 - a. "-" - :
https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.5/iso/repository-update.iso.sig
:

```
wget https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.5
/iso/repository-update.iso.sig
```

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

```
/opt/cproscsp/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, /etc/apt/sources.list :

```
deb http://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.5/repository-main/ 1.7_x86-64 main contrib  
non-free  
deb http://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.5/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, /etc/apt/sources.list :

```
deb http://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.5/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
```

(base)



1. , .
2. .
3. . :

- , 34.11-2012 . :

```
gostsum -d base-1.7.5.9-16.10.23_16.58.iso
```

:

```
973da543fa6a604085ccb7c88cd794bf1f6980c1dd6165c2d376ea53fbafa6a4
```

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

:

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

```
/opt/cprobsp/bin/amd64/cryptcp -verify -detached base-1.7.5.9-16.10.23_16.58.iso base-1.7.5.9-16.10.23_16.58.iso.sig -f base-1.7.5.9-16.10.23_16.58.iso.sig
```

, "y" <Enter>.

:

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

4. :

```
sudo mount base-1.7.5.9-16.10.23_16.58.iso /media/cdrom/
```

5. :

```
sudo apt-cdrom add -m
```

:

```
:  
deb cdrom:[OS Astra Linux 1.7.5 1.7_x86-64 devel]/ 1.7_x86-64 contrib main non-free  
CD.
```

6. :

```
sudo apt update
```

7. , :

- :

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

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

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



libvirt-admin

- libvirt-admin sudo , . Astra Linux (). . libvirt-admin:

```
sudo usermod -a -G libvirt-admin $USER
```

. [QEMU/KVM Astra Linux](#)



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 .
```