

2023-0426SE17 (1.7.4)

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

 :

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

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- , 2023-0426SE17 (1.7.4)
- , 2023-0426SE17 (1.7.4)
- , 2023-0426SE17 (1.7.4)
- 2023-0426SE17 (1.7.4):

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- [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](#)

 Astra Linux: **1.7.4.7**

 : [Astra Linux](#)

 .

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

 Astra Linux (, « ») , Astra Linux.

 !

(,) , [openssh](#).

- -
 - (main)
 -
 -
 - (main) - Astra Linux
 - (base)
 - - Astra Linux
 - tar- (base)
-
- - openssh
 - - Firefox
 - Chromium
 - « »

 :

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

 .

(main)

1. - :
https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.4/iso/repository-update.iso
:

```
wget https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.4/iso/repository-update.iso
```

2. :
• , 34.11-2012 . :

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

:

```
cf8e2b1607de71d241f53bc10dbd3ea1e6f65f2d592c827b2799e0eb0dc0d227
```

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

- a. "-" - :
https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.4/iso/repository-update.iso.sig
:

```
wget https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.4/iso/repository-update.iso.sig
```

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

```
/opt/cprocp/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_x86-64/1.7.4/repository-main/ 1.7_x86-64 main contrib  
non-free  
deb http://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.4/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_x86-64/1.7.4/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- .
3. . :

- , 34.11-2012 . :

```
gostsum base-1.7.4-24.04.2023_14.23.tgz
```

:

```
2882db0003f1c66956357c58660bcb989901254fde1a5df022ce893b7e617838
```

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

:

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

```
/opt/cproesp/bin/amd64/cryptcp -verify -detached base-1.7.4-24.04.2023_14.23.tgz base-1.7.4-24.04.2023_14.23.tgz.sig -f base-1.7.4-24.04.2023_14.23.tgz.sig
```

, "y" <Enter>.

:

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

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

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

```
sudo tar zxvf base-1.7.4-24.04.2023_14.23.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
```



openssh

1. /etc/pam.d/sshd :

```
session    required    pam_parsec_cap.so
session    required    pam_parsec_aud.so
session    required    pam_parsec_mac.so stub
```

2. .



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 .
```