

# 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).



- 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



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



Astra Linux: 1.7.4.7



Astra Linux

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



⚠ ( , ) ( - main) fly-admin-int-check gotsu  
ms.txt, repository-update.iso.  
( ) Astra Linux (, « ») , Astra Linux.



!

( , ) , openssh.



- ;
- : 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/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, /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/cprocsp/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, .



## 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 .