

2023-0630SE17MD (1.7.4.UU.1)



1.7.4.UU.1 , «Astra Linux Special Edition» .10015-01 (1.7), .10015-10, .10015-37 (7.7), - Astra Linux.



- :
- () (- main);
 - (base).



1.7.4.UU.1 1.7.4.EXT.1 (2023-0426SE17).



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- , 2023-0630SE17MD (1.7.4.UU.1)
 - 2023-0630SE17MD (1.7.4.UU.1):

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



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- 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



Astra Linux: 1.7.4.11

.: Astra Linux



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



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



(main)

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

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

2. . :
• , 34.11-2012 . :

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

:

```
36ca1eede57216d52342f66dfb8fe5f846d6539af888d8b45f1f917280051c1a
```

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

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

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

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

```
/opt/cproccsp/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 https://dl.astralinux.ru/astra/stable/1.7_x86-64/repository-main/ 1.7_x86-64 main contrib non-free

# 1.7.4.UU.1
deb https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.4/uu/1/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 https://dl.astralinux.ru/astra/frozen/1.7_x86-64/1.7.4/uu/1/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-1.7.4.11-23.06.23_17.13.iso
```

:

```
d8c160ac7c21042a666bcc0552c67e5dc2ca4be43a6301df956c8fc12255b4a9
```

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

:

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

```
/opt/cprocsp/bin/amd64/cryptcp -verify -detached base-  
1.7.4.11-23.06.23_17.13.iso base-1.7.4.11-23.06.23_17.13.iso.  
sig -f base-1.7.4.11-23.06.23_17.13.iso.sig
```

, "y" <Enter>.

:

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

4. :

```
sudo mount base-1.7.4.11-23.06.23_17.13.iso /media/cdrom/
```

5. :

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

:

```
:  
deb cdrom:[OS Astra Linux 1.7.4 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
```



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. [].
- , [].

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. [].
- :

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Russian Trusted Root CA



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

« » :

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

```
qtnotifydaemon .
```