

2023-0727SE47 (4.7.4)

 4.7.4 , "Astra Linux Special Edition" .10152-02 (4.7), - Astra Linux, , .

 :

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

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- , 2023-0727SE47 (4.7.4)
- , 2023-0727SE47 (4.7.4)

 : 4.7.4.4

"" Astra Linux . Astra Linux .

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- [2023-0316SE47MD](#)
- [2023-0131SE47MD](#)
- [2022-1121SE47 \(4.7.3\)](#)
- [2022-0926SE47 \(4.7.2\)](#)
- [2022-0407SE47MD](#)
- [2022-0318SE47MD](#)
- [2022-0201SE47MD](#)
- [2022-0114SE47 \(4.7.1\)](#)
- [2021-0915SE47MD](#)

 Linux, 4.7.4, TF307-MB-S-C rev3.0 sdk-5.4.

., [Astra Linux](#) .

 .

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

() Astra Linux (, « ») , Astra Linux.

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 - (main)
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 - (main) - Astra Linux
 - (base)
 - - Astra Linux
 - (base)
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 :

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

 .

(main)

1. `curl -O https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.4/iso/repository-update.iso`

```
wget https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.4/iso/repository-update.iso
```

2.
 - `gostsum -d repository-update.iso`

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

```
3e32ee21cedf5ed16fee252b09cb8946887623b14a1b2a028df29508c71a8991
```

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

- a. `curl -O https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.4/iso/repository-update.iso.sig`

```
wget https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.4/iso/repository-update.iso.sig
```

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

```
/opt/cproccsp/bin/aarch64/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 -T
```

`/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



Astra Linux Special Edition .10152-02 (4.7) - . : :

- baikal1;
- huawei1;
- mtrust1;
- imx8.

1. - Astra Linux, /etc/apt/sources.list :

```
# :
deb https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.4/repository-main/ 4.7_arm <__> main contrib
non-free

# :
deb https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.4/repository-update/ 4.7_arm <__> main contrib
non-free
```

- baikal1:

```
# , - baikal1:
deb https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.4/repository-main/ 4.7_arm baikal1 main contrib
non-free

# , - baikal1:
deb https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.4/repository-update/ 4.7_arm baikal1 main
contrib non-free
```

2. :

```
sudo apt update
```

3. , :

```
sudo astra-update -a -r -T
```

(base)

- Astra Linux



Astra Linux Special Edition .10152-02 (4.7) - . : :

- baikal1;
- huawei1;
- mtrust1;
- imx8.

1. - Astra Linux, /etc/apt/sources.list :

```
#
deb https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.4/repository-base/ 4.7_arm <__> main contrib
non-free
```

- baikal1:

```
deb https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.4/repository-base/ 4.7_arm baikal1 main contrib non-free
```

2. :

```
sudo apt update
```

3. , :

```
sudo astra-update -a -r -T
```

(base)



1. , .
2. .
3. . :

- , 34.11-2012 . :

```
gostsum -d base-4.7.4.4-21.07.2023_20.04.iso
```

:

```
452ad832f4425db2f77c8e46ebad3d428833c0b88367d4986d8f967019841d0f
```

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

:

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

```
/opt/cprocsp/bin/aarch64/cryptcp -verify -detached base-4.7.4.4-21.07.2023_20.04.iso base-4.7.4.4-21.07.2023_20.04.iso.sig -f base-4.7.4.4-21.07.2023_20.04.iso.sig
```

, "y" <Enter>.

:

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

4. :

```
sudo mount base-4.7.4.4-21.07.2023_20.04.iso /media/cdrom/
```

5. :

```
sudo apt-cdrom add
```



6. :

```
sudo mount base-4.7.4.4-21.07.2023_20.04.iso /media/cdrom/
```

7. :

```
sudo apt update
```

8. , :

```
sudo astra-update -a -r -T
```



Astra Linux, TF307-MB-S-C rev3.0, sdk-5.4, , .



Astra Linux, 4.7.4, TF307-MB-S-C rev3.0 sdk-5.4. TF307-MB-S-C sdk-5.4 . .

, :

1. bm1000-mbm10.dtb /boot,:

```
sudo cp -f /usr/lib/firmware/5.4.0-110-generic/device-tree/baikal  
/bm1000-mbm10.dtb /boot
```

2. /boot/grub/grub.cfg — menuentry, , :

```
devicetree /boot/bm1000-mbm10.dtb
```