

2023-0316SE47MD (4.7.3.UU.2)

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

 :

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

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- , 2023-0316SE47MD (4.7.3.UU.2)

 : 4.7.3.9

.: Astra Linux

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 - - Astra Linux
 - (base)
 - - Astra Linux
 - tar- (base)
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- -

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4.7.3 (2022-1121SE47).

 4.7.3.UU.1 (2023-0131SE47MD).

FreelPA (2023-0208SE47MD).

 Linux, 4.7.3.UU.2, TF307-MB-S-C rev3.0 sdk-5.4.

Astra Linux .

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

() Astra Linux (, « ») , Astra Linux.

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

 .

1. `sudo apt-get install` `https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.3/uu/2/iso/repository-update.iso` :

```
wget https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.3/uu/2/iso/repository-update.iso
```

2. ISO- `dd if=/mnt/ repository-update.iso of=/mnt/ repository-update.iso bs=1M` 34.11-2012 . :

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

```
4839e6c2d8e1956a107a2a0ce4e682bae4c946b3d67d4297c95e5590b77f2b36
```

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

- a. `sudo apt-get install` `https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.3/uu/2/iso/repository-update.iso.sig` :

```
wget https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.3/uu/2/iso/repository-update.iso.sig
```

- b. `dd if=/mnt/ repository-update.iso of=/mnt/ repository-update.iso bs=1M` ,
c. `dd if=/mnt/ repository-update.iso of=/mnt/ repository-update.iso bs=1M` (-f <__>):

```
/opt/cproccsp/bin/amd64/cryptcp -verify -detached repository-update.iso repository-update.iso.sig -f repository-update.iso.sig
```

, "y" <Enter>.

:

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

, .

(.) `sudo apt-get install` `/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/ repository-update.iso` , `/mnt/ repository-update.iso`.
• [fly-astra-update](#) [astra-update](#).

- Astra Linux



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

- baikal1;
- huawei1;
- mtrust1.

1. - Astra Linux, /etc/apt/sources.list (- baikal1):

```
# , - baikal1:
deb https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.3/uu/2/repository-main/ 4.7_arm main contrib
non-free baikal1

# , - baikal1:
deb https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.3/uu/2/repository-update/ 4.7_arm main contrib
non-free baikal1
```

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.

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

```
#
deb https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.3/uu/2/repository-base/ 4.7_arm main
contrib non-free
# - -
deb https://dl.astralinux.ru/astra/frozen/4.7_arm/4.7.3/uu/2/repository-base/ 4.7_arm <__>
```

2. :

```
sudo apt update
```

3. , :

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

tar- (base)





tar-

1. tar- , .
2. tar- , /mnt . :

- , 34.11-2012 . :

```
gostsum /mnt/base-4.7.3-uu2-16.03.2023_14.21.tgz
```

:

```
8667a5db039ffd5a8a591cd609c580e2e192895acff54793f4eec35a851eae1
```

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

:

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

```
/opt/cprocsp/bin/amd64/cryptcp -verify -detached base-4.7.3-uu2-16.03.2023_14.21.tgz base-4.7.3-uu2-16.03.2023_14.21.tgz.sig -f base-4.7.3-uu2-16.03.2023_14.21.tgz.sig
```

, "y" <Enter>.

:

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

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

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

```
sudo tar zxvf base-4.7.3-uu2-16.03.2023_14.21.tgz -C /srv/base-repository/
```



5. /srv/base-repository/ (. [Astra Linux](#)). , , :

```
#
deb file:/srv/base-repository/ 4.7_arm main contrib non-free
# - -
deb file:/srv/base-repository/ 4.7_arm <__>
```

6. :

```
sudo apt update
```

7. , :

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



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



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Astra Linux, 4.7.3.UU.2, 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
```