

20211019SE81 (.10015-16 .2)

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```
sudo astra-nochmodx-lock disable
```



```
fly-astra-update astra-update -A, , .
```

- () Astra Linux.



```
apt-cdrom add .
```

()

1. WEB- :

https://dl.astralinux.ru/astra/stable/leningrad/security-updates/8.1-FSB/20211019SE81/RUSB.10015-16_v2_8.1.3.iso

```
wget https://dl.astralinux.ru/astra/stable/leningrad/security-updates/8.1-FSB/20211019SE81/RUSB.10015-16_v2_8.1.3.iso
```

2. ISO- /mnt :

- , 34.11-2012 . :

```
gostsum -d /mnt/RUSB.10015-16_v2_8.1.3.iso
```

:

```
9559c8e27cd27fe75edb10d2405513f22c9db5950b39370957db5c2ad8e8a3a5
```

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

:

- a. "-" WEB- :

https://dl.astralinux.ru/astra/stable/leningrad/security-updates/8.1-FSB/20211019SE81/RUSB.10015-16_v2_8.1.3.iso.sig

:

```
wget https://dl.astralinux.ru/astra/stable/leningrad/security-updates/8.1-FSB/20211019SE81/RUSB.10015-16_v2_8.1.3.iso.sig
```

- b. /mnt ,

- c. /mnt , (-f <_>):

```
/opt/cprocsp/bin/amd64/cryptcp -verify -detached RUSB.10015-16_v2_8.1.3.iso RUSB.10015-16_v2_8.1.3.iso.sig -f RUSB.10015-16_v2_8.1.3.iso.sig
```

, "y" <Enter>.

:

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

1. , , WEB- :
https://dl.astralinux.ru/astra/stable/leningrad/security-updates/8.1-FSB/20211019SE81/RUSB.10015-16_v2_8.1.3-devel.iso
:

```
wget https://dl.astralinux.ru/astra/stable/leningrad/security-updates/8.1-FSB/20211019SE81/RUSB.10015-16_v2_8.1.3-devel.iso
```

2. ISO- /mnt :
 - , 34.11-2012 . :

```
gostsum -d /mnt/RUSB.10015-16_v2_8.1.3-devel.iso
```

:

```
d28b99c5c416c11f9fe1f90410c51454e2efe4ceccbf80a9b79b0083b4587e2e
```

- ISO- CSP, . CSP [CSP](#) [fly-csp](#).
:
 - a. "-" WEB- :
https://dl.astralinux.ru/astra/stable/leningrad/security-updates/8.1-FSB/20211019SE81/RUSB.10015-16_v2_8.1.3-devel.iso.sig
:

```
wget https://dl.astralinux.ru/astra/stable/leningrad/security-updates/8.1-FSB/20211019SE81/RUSB.10015-16_v2_8.1.3-devel.iso.sig
```

- b. /mnt ,
- c. /mnt , (-f<_>):

```
/opt/cproccsp/bin/amd64/cryptcp -verify -detached RUSB.10015-16_v2_8.1.3-devel.iso RUSB.10015-16_v2_8.1.3-devel.iso.sig \  
-f RUSB.10015-16_v2_8.1.3-devel.iso.sig
```

, "y" <Enter>.

:

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

, .

fly-astra-update/astra-update

1. ISO- () , , /media/cdrom:

```
sudo mount /mnt/RUSB.10015-16_v2_8.1.3.iso /media/cdrom
```

2. :

a. astra-update:

```
sudo apt install /media/cdrom/pool/non-free/a/astra-update/astra-update_*.deb
```

b. astra-update fly-astra-update:

```
sudo apt install /media/cdrom/pool/non-free/a/astra-update/astra-update_*.deb
sudo apt install /media/cdrom/pool/non-free/libf/libflyadmin/libflyadminpackage_*.deb
sudo apt install /media/cdrom/pool/non-free/f/fly-astra-update/fly-astra-update_*.deb
```

3. :

```
sudo umount /media/cdrom
```

(.) ISO-, :

1. :

a. ;
b. ;

2. :

a. ;
b. ;

/etc/apt/sources.list, :

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

/etc/apt/sources.list , astra-update/fly-astra-update (fly-astra-update astra-update -).

ISO-

, ISO-, :

1. ISO-:

a. ;
b. ;

2. ISO-:

a. ;
b. ;

ISO- , . astra-update/fly-astra-update, :

```
sudo astra-update -a -T /mnt/<____> /mnt/RUSB.10015-16_v2_8.1.3.iso /mnt/<____> /mnt/RUSB.10015-16_v2_8.1.3-devel.iso
```

, /mnt , /mnt.

. fly-astra-update astra-update - .





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