

20230412SE16MD



Astra Linux Special Edition .10015-01 (1.6), - Astra Linux, .

- , Redis
 - o
 - o tar-
 - o
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12 (20221220SE16).



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, Redis



, Redis.



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



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tar-

1. tar- - :
https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.12/iso/20230412SE16MD.tar.gz
:

```
wget https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.12/iso/20230412SE16MD.tar.gz
```

2. tar- 20230412SE16MD.tar.gz . :
 - , 34.11-2012 . :

```
gostsum 20230412SE16MD.tar.gz
```

:

7a0ffdd536b7421df8c1b389fe802a9b7fe8e8b0dd8f48fe1fc2dfbd4500b0b1

- CSP.

, . CSP CSP fly-csp.

:

a. "-" - :
https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.12/iso/20230412SE16MD.tar.gz.sig
:

```
wget https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.12/iso/20230412SE16MD.tar.gz.sig
```

- b. `c tar- 20230412SE16MD.tar.gz,`
- c. `c tar- 20230412SE16MD.tar.gz , (-f<__>):`

```
/opt/cproccsp/bin/amd64/cryptcp -verify -detached 20230412SE16MD.tar.gz 20230412SE16MD.tar.gz.sig -f 20230412SE16MD.tar.gz.sig
```

, "y" <Enter>.

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

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1. `., /mnt/, :`

```
sudo tar xzvf 20230412SE16MD.tar.gz -C /mnt/
```

2. `tar- 20230412SE16MD (. Astra Linux )., /mnt/20230412SE16MD/, :`

- `/etc/apt/sources.list :`

```
deb file:/mnt/20230412SE16MD/ smolensk main contrib non-free
```

:

```
echo "deb file:/mnt/20230412SE16MD/ smolensk main contrib non-free" | sudo tee -a /etc/apt/sources.list
```

- `:`

```
sudo apt update
```

3. `., :`

- `sudo astra-update -a -r`

- `sudo apt dist-upgrade`

