

20230525SE16MD



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



() Astra Linux (, « ») , Astra Linux.



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12 (20221220SE16).



, :

- Chromium;
- LibreOffice;
- (System Security Services Daemon – SSSD);
- Redis.



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



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tar-

- tar- - :
`https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.12/iso/20230525SE16MD.tar.gz`
:

```
wget https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.12/iso/20230525SE16MD.tar.gz
```

- tar- 20230525SE16MD.tar.gz . :
 - , 34.11-2012 . :

```
gostsum 20230525SE16MD.tar.gz
```

:

```
5a8579d370b9619d2ec6de116ea3124d566d1a9d608e5df139ee72691b3cbe95
```

- CSP.
 . CSP CSP fly-csp.
 :
 a. "-" - , ;
 b. c tar- 20230525SE16MD.tar.gz,
 c. c tar- 20230525SE16MD.tar.gz , (-f<__>):

```
/opt/cproscsp/bin/amd64/cryptcp -verify -detached
20230525SE16MD.tar.gz 20230525SE16MD.tar.gz.sig -f
20230525SE16MD.tar.gz.sig
```

, "y" <Enter>.

:

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

, .

1. , , /mnt/20230525SE16MD, :

```
sudo mkdir /mnt/20230525SE16MD
sudo tar xzvf 20230525SE16MD.tar.gz -C /mnt/20230525SE16MD/
```

2. tar- 20230525SE16MD (. Astra Linux)., /mnt/20230525SE16MD/, :

- /etc/apt/sources.list :

```
deb file:/mnt/20230525SE16MD/ smolensk main contrib non-free
```

:

```
echo "deb file:/mnt/20230525SE16MD/ 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

tar-

1. tar- - :
https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.12/iso/20230525SE16MD-devel.tar.gz
:

```
wget https://dl.astralinux.ru/astra/frozen/1.6_x86-64/1.6.12/iso/20230525SE16MD-devel.tar.gz
```

2. tar- 20230525SE16MD-devel.tar.gz . . :
 - , 34.11-2012 . . :

```
gostsum 20230525SE16MD-devel.tar.gz
```

:

```
125dfec6cb6e1edfa3dd614daf84cc649998eb54f730b7dd1e9d2cc67a3428
```

- CSP.
CSP CSP fly-csp.
:
a. "-" - , ;
b. c tar- 20230525SE16MD-devel.tar.gz,
c. c tar- 20230525SE16MD-devel.tar.gz , (-f <__>):

```
/opt/cproesp/bin/amd64/cryptcp -verify -detached  
20230525SE16MD-devel.tar.gz 20230525SE16MD-devel.tar.gz.sig -  
f 20230525SE16MD-devel.tar.gz.sig
```

, "y" <Enter>.

:

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

1. , , /mnt/20230525SE16MD-devel, :

```
sudo mkdir /mnt/20230525SE16MD-devel
```

```
sudo tar xzvf 20230525SE16MD-devel.tar.gz -C /mnt/20230525SE16MD-devel/
```

2. tar- /mnt/20230525SE16MD-devel (. Astra Linux), /mnt/20230525SE16MD/, :
 - /etc/apt/sources.list :

```
deb file:/mnt/20230525SE16MD-devel/ smolensk main contrib non-free
```

:

```
echo "deb file:/mnt/20230525SE16MD-devel/ 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`



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`fly-admin-int-check` gostsums.txt, 20230525SE16MD.