

20220407SE16MD

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

- , linux
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 -

 .

 10 (20211126SE16).

 , , 11 (20220829SE16).

 , , .

 QEMU, .

, linux

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 :

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

 ().

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- ; fly-astra-update/astra-update :

`sudo astra-nochmodx-lock disable`

```
wget https://dl.astralinux.ru/astra/stable/smolensk/security-updates/1.6/20220407SE16MD/20220407SE16MD.tar.gz
```



"-": <https://dl.astralinux.ru/astra/stable/smolensk/security-updates/1.6/20220407SE16MD/20220407SE16MD.tar.gz.sig>.

2. tar- 20220407SE16MD.tar.gz;
3. , , :

```
gostsum 20220407SE16MD.tar.gz
```

:

```
0e9c533a438adcd2093c20ddb09e2fb8a7eab2fc8450eb71c14275e194485238
```

4. , , /mnt/, :

```
sudo tar xzvf 20220407SE16MD.tar.gz -C /mnt/
```

5. tar- 20220407SE16MD (. [Astra Linux](#)), , /mnt/20220407SE16MD/, :

- /etc/apt/sources.list :

```
deb file:/mnt/20220407SE16MD/ smolensk main contrib non-free
```

:

```
echo "deb file:/mnt/20220407SE16MD/ smolensk main contrib non-free" | sudo tee -a /etc/apt/sources.list
```

- :

```
sudo apt update
```

6. , , :

- sudo astra-update -a -r

- sudo apt dist-upgrade

1. tar- WEB- : <https://dl.astralinux.ru/astra/stable/smolensk/security-updates/1.6/devel/20220407SE16MD/20220407SE16MD-devel.tar.gz>, :

```
wget https://dl.astralinux.ru/astra/stable/smolensk/security-updates/1.6/devel/20220407SE16MD/20220407SE16MD-devel.tar.gz
```



"-": <https://dl.astralinux.ru/astra/stable/smolensk/security-updates/1.6/devel/20220407SE16MD/20220407SE16MD-devel.tar.gz.sig>.

2. `tar-20220407SE16MD-devel.tar.gz`;

3. `gostsum` :

```
gostsum 20220407SE16MD-devel.tar.gz
```

:

```
ec6908eeb9c19acf4c883e0dcc59b97f3b35b0db13c534c87889b82184543f8a
```

4. `mount` `/mnt` :

```
sudo tar xzvf 20220407SE16MD-devel.tar.gz -C /mnt/
```

5. `tar-20220407SE16MD-devel` ([Astra Linux](#)) `/mnt/20220407SE16MD-devel` :

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

```
deb file:/mnt/20220407SE16MD-devel/ smolensk main contrib non-free
```

:

```
echo "deb file:/mnt/20220407SE16MD-devel/ smolensk main contrib  
non-free" | sudo tee -a /etc/apt/sources.list
```

- `apt update` :

```
sudo apt update
```

6. `apt` :

- `sudo astra-update -a -r`

- `sudo apt dist-upgrade`



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`fly-admin-int-check` `gostsums.txt`, `20220407SE16MD`.