

2022-0318SE17MD



«Astra Linux Special Edition» .10015-01 .10015-10 (1.7), - Astra Linux, .

- , linux
 -
 - (main)
 - (base)
 -
- , apache2
 - lua_module , (multipart)
 - SSRF- (Server Side Request Forgery) mod_proxy
 - HTTP Request Smuggling
- - Firefox
 - Chromium



1.7.1 (2021-1126SE17).



1.7.1 (2021-1126SE17).



1.7.2.



1.7.2.

, linux



(base).



(base) (main), .



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



().



«» () «» ():
• :
• : fly-astra-update/astra-update :

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

(main)

1. tar- WEB- : https://download.astralinux.ru/astra/frozen/1.7_x86-64/1.7.1/iso/2022-0318SE17MD.tgz;





(main) "-":

https://download.astralinux.ru/astra/frozen/1.7_x86-64/1.7.1/iso/2022-0318SE17MD.tgz_2022-03-24_14-25-53.tsp.sig.

2. tar-;
3. , . . :

```
gostsum 2022-0318SE17MD.tgz
```

:

```
24a8dfa3d55170eadec3dce8ef3e6fe612eca883572515021b955bd7182c5996
```

4. ,, /mnt/, :

```
sudo tar xzvf 2022-0318SE17MD.tgz -C /mnt/
```

5. tar- 2022-0318SE17MD (. [Astra Linux](#)), /mnt/2022-0318SE17MD/, /etc/apt/sources.list

```
deb file:/mnt/2022-0318SE17MD/ 1.7_x86-64 main contrib non-free
```

```
sudo apt update
```

6. , . . :

- sudo astra-update -a -r

- sudo apt dist-upgrade

(base)

1. tar- WEB- : https://download.astralinux.ru/astra/frozen/1.7_x86-64/1.7.1/iso/base-2022-0318SE17MD.tar.gz ;



(base) "-":

https://download.astralinux.ru/astra/frozen/1.7_x86-64/1.7.1/iso/base-2022-0318SE17MD.tar.gz_2022-03-24_14-26-27.tsp.sig.

2. tar-;
3. , . . :

```
gostsum base-2022-0318SE17MD.tar.gz
```

:

```
d2a922fdb44befe0a6cc9d1252624f7654ebc351aa641805ee12f330737cb45
```

4. ,, /mnt/, :

```
sudo tar xzvf base-2022-0318SE17MD.tar.gz -C /mnt/
```

5. `tar- base-2022-0318SE17MD` ([Astra Linux](#))., `/mnt/base-2022-0318SE17MD/`, `/etc/apt/sources.list`

```
deb file:/mnt/base-2022-0318SE17MD/ 1.7_x86-64 main contrib non-free
```

```
sudo apt update
```

6. , :

- `sudo astra-update -a -r`

- `sudo apt dist-upgrade`



.



`fly-admin-int-check gostsums.txt`, `2022-0318SE17MD`.

, `apache2`

, `lua_module` , (multipart)

LUA. , :

```
sudo apachectl -M
```

`lua`, :

```
sudo a2dismod lua
```

- Apache, :

```
sudo systemctl restart apache2
```

SSRF- (Server Side Request Forgery) `mod_proxy`

`proxy` (`/etc/apache2/sites-enabled/000-default.conf`).

`ProxyRequests` "off". , , - .





, proxy, :

```
sudo a2dismod proxy
```

- Apache, :

```
sudo systemctl restart apache2
```

HTTP Request Smuggling

(: /etc/apache2/sites-enabled/000-default.conf) http/2 — Protocols () "h2" (HTTP/2).

- Apache, :

```
sudo systemctl restart apache2
```

- Apache HTTPS.



«» () «» ():

, , , (), .

Astra Linux apache2 astra-ilev1-control. man astra-ilev1-control.



.



ca-certificates-local .

Firefox

1. , , : — — **Firefox**.
 2. "about:preferences" <Enter>.
 3. [].
 4. [...].
 5. /usr/share/ca-certificates/mozilla/rootca_MinDDC_rsa2022.crt [].
 6. - [].
 7. [].
- , [] :

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Chromium

1. , , : — — **Chromium**.
2. " chrome://settings/certificates " <Enter>.
3. [].

4. /usr/share/ca-certificates/mozilla/rootca_MinDDC_rsa2022.crt [].

5. [].

:

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