

ELF

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DLL



:

- Astra Linux Special Edition .10015-01 (1.7)
- Astra Linux Special Edition .10015-01 (1.6)
- Astra Linux Special Edition .10015-16 . 1 . 2
- Astra Linux Special Edition .10015-01 (1.5)
- Astra Linux Special Edition .10265-01 (8.1)
- Astra Linux Common Edition 2.12



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- ORG;
- test_elf , , .

- 16. " . 1 .10015-01 97 01-1";
- man bsign man gpg;
- - Astra Linux: ;
 - Astra Linux Special Edition 1.5
- , Astra Linux;
- . . ;
- ISO- -



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- , :
 - . , , , - :

```
gpg --import /etc/digsg/primary_key_2018.gpg
gpg --import /etc/digsg/partners_rbt_root_key_2018.gpg
```

. Astra Linux Special Edition .10015-01 (1.5) . ORG_password.txt. - . , :

```
gpg --import --pinentry-mode=loopback --passphrase-
file=ORG_password.txt ORG_secret.gpg
```

--passphrase-file , , .

- ORG_secret_key_id:

```
gpg --list-secret-keys
```

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- :
 - Astra Linux Special Edition .10015-01 (1.7);
 - Astra Linux Special Edition .10152-02 (4.7);
 - Astra Linux Special Edition .10015-01 (1.6);
 - Astra Linux Special Edition .10015-16 . 1 . 2;
 - Astra Linux Special Edition .10265-01 (8.1);



 gpg digsig_verif - . gpg ().

- deb- ;
- . ELF, DLL . file. , /bin/bash:

```
file /bin/bash
```

```
/bin/bash: ELF 64-bit LSB executable, x86-64, version 1 (SYSV),
dynamically linked, interpreter /lib64/ld-linux-x86-64.so.2, for GNU
/Linux 2.6.32, BuildID[sha1]=30bada4dfa11f45a96a5993d4c2fd41a27a61663,
stripped
```

- ELF- test_elf bsign:

```
bsign -s test_elf
```

```
, - , , :
```

```
bsign -s --pgoptions="--default-key=ORG_secret_key_id" test_elf
```



(, ssh), ,.. , (). :

1. (- ORG_password.txt.
2. bsign :

```
bsign -N -s --pgoptions="--batch --pinentry-mode=loopback --
passphrase-file=ORG_password.txt --default-
key=ORG_secret_key_id" test_elf
```

-N bsign, --pgoptions , , .

, , :

```
bsign -w test_elf
```

deb-, .

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() ORG_pub.key /etc/digsig/keys :

```
sudo update-initramfs -uk all
```



, Astra Linux Special Edition .10015-01 (1.5) , astra-digsig-oldkeys. /etc/digsig/keys/legacy/keys/