

Astra Linux Special Edition 1.5

- [tftp-hpa](#)



- Astra Linux Special Edition .10015-01 (1.5)
• [Astra Linux](#) (UEFI Legacy BIOS)



1. Astra Linux ([EULA](#));;
2. Astra Linux Special Edition .10015-01 (1.7) Astra Linux Special Edition .10152-02 (4.7) . [Astra Linux Special Edition](#) (x.7): .

1. [isc-dhcp-server](#) [vsftpd](#) ().
2. [tftpd-hpa](#). , :

```
sudo apt install tftpd-hpa
```

tftp-hpa



. : [PXE](#) [Astra Linux](#).

/etc/default/tftpd-hpa. :



```
# /etc/default/tftpd-hpa
TFTP_USERNAME="tftp"
TFTP_DIRECTORY="/srv/tftp"
TFTP_ADDRESS="0.0.0.0:69"
TFTP_OPTIONS="--ipv4 --secure --create --umask 027 --permissive"
```

:

--create	, ,
--ipv4	IPv4, .
--umask 027	, .
--permissive	, .

tftp /etc/passwd /srv/tftp.

, :

```
sudo systemctl restart tftpd-hpa
```

:

```
sudo mkdir -p /srv/ftp/astra
sudo mount /dev/sr0 /srv/ftp/astra
```

/srv/ftp netinst *.c32 :

```
sudo cp /srv/ftp/astra/netinst/* /srv/tftp/
sudo cp /srv/ftp/astra/isolinux/*.c32 /srv/tftp/
```

/srv/tftp pxelinux.cfg

```
sudo mkdir /srv/tftp/pxelinux.cfg
```

default. default , preseed.cfg:

/srv/tftp/pxelinux.cfg/default

```
DEFAULT astra
LABEL astra
kernel linux
append initrd=initrd.gz vga=788 auto=true priority=critical debian-installer/locale=en_US console-keymaps-at
/keymap=ru hostname=test2 domain=my.dom astra-license/license=true url=ftp://10.0.2.254/preseed.cfg
interface=auto netcfg/dhcp_timeout=60
```

TIMEOUT 5

, IP- 10.0.2.254



preseed.cfg . .

[preseed.cfg](#) /srv/ftp.

preseed.cfg , , ():



```
# ftp, mirror/country string .
d-i mirror/protocol string ftp
d-i mirror/country string manual
d-i mirror/ftp/hostname string ### mirror.yandex.ru
```

```
d-i mirror/ftp/directory string /astra/current/orel/repository
d-i mirror/ftp/proxy string
```

:

```
chmod 664 /srv/ftp/preseed.cfg
```



:

```
sudo debconf-get-selections --installer > seedlog.txt
```

debconf-utils .

, , .