

# DHCP

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 DHCP [isc-dhcp-server](#) Astra Linux DHCP [dnsmasq](#).  
[LTSP \(ltspp-server-standalone\)](#) Astra Linux.

 :

- Astra Linux Special Edition .10015-01 ( 1.7), .10015-10
- Astra Linux Special Edition .10015-17
- Astra Linux Special Edition .10015-37 ( 7.7)
- Astra Linux Special Edition .10015-03 ( 7.6)
- Astra Linux Special Edition .10152-02 ( 4.7)
- Astra Linux Special Edition .10015-01 ( 1.6)
- Astra Linux Special Edition .10015-16 . 1
- Astra Linux Special Edition .10015-16 . 2
- Astra Linux Special Edition .10265-01 ( 8.1)
- Astra Linux Common Edition 2.12

Astra Linux **DHCP**- `isc-dhcp-server` `fly-admin-dhcp.` `fly-admin-dhcp` (`. synaptic`), :

```
sudo apt install fly-admin-dhcp
```

```
fly-admin-dhcp    isc-dhcp-server.    ("'" > "'" > "'" > "DHCP"),    .
```

```
DHCP /etc/default/isc-dhcp-server /etc/dhcp/dhcpd.conf. /etc/default/isc-dhcp-server INTERFACES , . ,
. ( IPv4 eth0, IPv6):
```

```

i INTERFACESv4="eth0"
#INTERFACESv6=" "

```

ip a

/etc/dhcp/dhcpd.conf , DHCP .

```

! , , /etc/default/isc-dhcp-server IP-
, DHCP , , .
    "Not configured to listen on any interfaces!" , IP-

```

IPv6 , , IPv6.  
 , IPv4, .

nmap:

```
sudo apt install nmap
sudo nmap --script broadcast-dhcp-discover localhost
```

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```
cat /var/lib/dhcp/dhcpd.lease
```

DNS:-

 option domain-name "somedomain.example.com";  
option domain-name-servers 10.0.2.254;

- filename -
- next-server - , ( IP- )

:

 subnet 10.0.2.0 netmask 255.255.255.0 {  
    range 10.0.2.10 10.0.2.100;  
    max-lease-time 86400;  
    option routers 10.0.2.1;  
    **filename "pxelinux.0";**  
    **next-server 10.0.2.254;**  
}

## IP MAC-

 host hostname1 {hardware ethernet 52:54:00:36:8f:d1; fixed-address 10.0.2.10;}  
host hostname2 {hardware ethernet 52:54:00:a0:b1:c2; fixed-address 10.0.2.11;}

 host hostname1 {hardware ethernet 52:54:00:36:8f:d1; fixed-address hostname1.example.com;}  
host hostname2 {hardware ethernet 52:54:00:a0:b1:c2; fixed-address hostname2.example.com;}

DHCP IPv4 fly-admin-dhcp.

 **DHCP**  
: /etc/dhcp/dhcpd.conf authoritative. , , ( ), .

:

```
sudo systemctl restart isc-dhcp-server
```

## DNS FreeIPA

DHCP DNS- FreeIPA . [DNS FreeIPA](#)