

DHCP

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- IP MAC-
- DNS FreeIPA

 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-.

```

① 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](#)