DHCP

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  - IP MAC-
-
- DNS FreeIPA

DHCP isc-dhcp-server Astra Linux DHCP dnsmasq. LTSP (ltsp-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):

```
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
```

:

```
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