

DHCP

Server

apt install isc-dhcp-server

nano /etc/dhcp/dhcpd.conf

Adjust accordingly:

```
GNU nano 7.2 /etc/dhcp/dhcpd.conf *
# dhcpd.conf
#
# Sample configuration file for ISC dhcpd
#
# option definitions common to all supported networks...
#option domain-name "example.org";
#option domain-name-servers ns1.example.org, ns2.example.org;
default-lease-time 600;
max-lease-time 7200;

# The ddns-updates-style parameter controls whether or not the server will
# attempt to do a DNS update when a lease is confirmed. We default to the
# behavior of the version 2 packages ('none', since DHCP v2 didn't
# have support for DDNS.)
#ddns-update-style none;

# If this DHCP server is the official DHCP server for the local
# network, the authoritative directive should be uncommented.
#authoritative;

# Use this to send dhcp log messages to a different log file (you also
# have to hack syslog.conf to complete the redirection).
#log-facility local7;

# No service will be given on this subnet, but declaring it helps the
# DHCP server to understand the network topology.
#subnet 10.152.187.0 netmask 255.255.255.0 {
#}

subnet 10.1.10.0 netmask 255.255.255.0 {
}

failover peer "dhcp-failover" {
    primary;
    address 10.1.10.21;
    peer address 10.1.10.22;
    mclt 3600;
    split 128;
    max-response-delay 60;
    max-unacked-updates 10;
    load balance max seconds 3;
}

subnet 10.1.30.0 netmask 255.255.255.0 {
    option domain-name-servers 10.1.20.11, 10.2.10.11, 203.0.113.10;
    option domain-name "lego.dk";
    option routers 10.1.30.1;
    pool {
        failover peer "dhcp-failover";
        range 10.1.30.100 10.1.30.200;
    }
}
```

nano /etc/default/isc-dhcp-server

Adjust accordingly:

```
GNU nano 7.2 /etc/default/isc-dhcp-server
# Defaults for isc-dhcp-server (sourced by /etc/init.d/isc-dhcp-server)

# Path to dhcpd's config file (default: /etc/dhcp/dhcpd.conf).
#DHCPDv4_CONF=/etc/dhcp/dhcpd.conf
#DHCPDv6_CONF=/etc/dhcp/dhcpd6.conf

# Path to dhcpd's PID file (default: /var/run/dhcpd.pid).
#DHCPDv4_PID=/var/run/dhcpd.pid
#DHCPDv6_PID=/var/run/dhcpd6.pid

# Additional options to start dhcpd with.
# Don't use options -cf or -pf here; use DHCPD_CONF/ DHCPD_PID instead
#OPTIONS=""

# On what interfaces should the DHCP server (dhcpd) serve DHCP requests?
# Separate multiple interfaces with spaces, e.g. "eth0 eth1".
INTERFACESv4="ens192"
```

Relay

apt install isc-dhcp-relay

10.1.10.21 10.1.10.22

ens??? (to client) ens??? (to server)