

Linux

Ubuntu Server 16.04 LTS

Instalação e Configuração do DHCP no Ubuntu Server

Professor:

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1 1-Configuração do DHCP no Servidor Linux

1.1- Instalação e Configuração do servidor DHCP

```
root@ubuntu:/home/ubuntu# apt-get update_
```

1.1- Instalação e Configuração do servidor DHCP

```
root@ubuntu:/home/ubuntu# apt-get update
Get:1 http://security.ubuntu.com/ubuntu xenial-security InRelease [94.5 kB]
Hit:2 http://br.archive.ubuntu.com/ubuntu xenial InRelease
Get:3 http://br.archive.ubuntu.com/ubuntu xenial-updates InRelease [95.7 kB]
Hit:4 http://br.archive.ubuntu.com/ubuntu xenial-backports InRelease
Fetched 190 kB in 2s (64.0 kB/s)
Reading package lists... Done
root@ubuntu:/home/ubuntu# _
```

1.1- Instalação e Configuração do servidor DHCP

```
root@ubuntu:/home/ubuntu# apt-get install isc-dhcp-server
```

1.1- Instalação e Configuração do servidor DHCP

```
root@ubuntu:/home/ubuntu# apt-get install isc-dhcp-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  isc-dhcp-client isc-dhcp-common
Suggested packages:
  avahi-autoipd isc-dhcp-server-ldap
The following NEW packages will be installed:
  isc-dhcp-server
The following packages will be upgraded:
  isc-dhcp-client isc-dhcp-common
2 upgraded, 1 newly installed, 0 to remove and 86 not upgraded.
Need to get 2,107 kB of archives.
After this operation, 2,138 kB of additional disk space will be used.
Do you want to continue? [Y/n] _
```

1.1- Instalação e Configuração do servidor DHCP

```
isc-dhcp-server-ldap polycoreutils
The following NEW packages will be installed:
  isc-dhcp-server libirs-export141 libiscconf-export140
0 upgraded, 3 newly installed, 0 to remove and 31 not upgraded.
Need to get 468 kB of archives.
After this operation, 1,579 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://br.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libiscconf-export140 amd64 1:9.10.3.dfsg.P4-8ubuntu1 [38.6 kB]
Get:2 http://br.archive.ubuntu.com/ubuntu xenial-updates/main amd64 libirs-export141 amd64 1:9.10.3.dfsg.P4-8ubuntu1 [17.5 kB]
Get:3 http://br.archive.ubuntu.com/ubuntu xenial-updates/main amd64 isc-dhcp-server amd64 4.3.3-5ubuntu12.1 [412 kB]
Fetched 468 kB in 12s (37.2 kB/s)
Preconfiguring packages ...
Selecting previously unselected package libiscconf-export140.
(Reading database ... 59373 files and directories currently installed.)
Preparing to unpack .../libiscconf-export140_1:9.10.3.dfsg.P4-8ubuntu1_amd64.deb ...
Unpacking libiscconf-export140 (1:9.10.3.dfsg.P4-8ubuntu1) ...
Selecting previously unselected package libirs-export141.
Preparing to unpack .../libirs-export141_1:9.10.3.dfsg.P4-8ubuntu1_amd64.deb ...
Unpacking libirs-export141 (1:9.10.3.dfsg.P4-8ubuntu1) ...
Selecting previously unselected package isc-dhcp-server.
Preparing to unpack .../isc-dhcp-server_4.3.3-5ubuntu12.1_amd64.deb ...
Unpacking isc-dhcp-server (4.3.3-5ubuntu12.1) ...
Processing triggers for libc-bin (2.23-0ubuntu3) ...
Processing triggers for systemd (229-4ubuntu7) ...
Processing triggers for ureadahead (0.100.0-19) ...
Processing triggers for man-db (2.7.5-1) ...
Setting up libiscconf-export140 (1:9.10.3.dfsg.P4-8ubuntu1) ...
Setting up libirs-export141 (1:9.10.3.dfsg.P4-8ubuntu1) ...
Setting up isc-dhcp-server (4.3.3-5ubuntu12.1) ...
Generating /etc/default/isc-dhcp-server...
Processing triggers for libc-bin (2.23-0ubuntu3) ...
```

1.1- Instalação e Configuração do servidor DHCP

```
root@ubuntu:/home/ubuntu# nano /etc/dhcp/dhcpd.conf
```



1.1- Instalação e Configuração do servidor DHCP

```
GNU nano 2.2.6      File: /etc/dhcp/dhcpd.conf

#
# Sample configuration file for ISC dhcpd for Debian
#
# Attention: If /etc/ltsp/dhcpd.conf exists, that will be used as
# configuration file instead of this file.
#
#
# 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;

# 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;

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

[ Read 110 lines ]
^G Get Help  ^O WriteOut  ^R Read File ^Y Prev Page ^K Cut Text  ^C Cur Pos
^X Exit      ^J Justify   ^W Where Is  ^U Next Page ^U UnCut Text ^T To Spell
```

1.1- Instalação e Configuração do servidor DHCP

```
root@ubuntu:/home/ubuntu# rm /etc/dhcp/dhcpd.conf
```

1.1- Instalação e Configuração do servidor DHCP

```
root@ubuntu:/home/ubuntu# nano /etc/dhcp/dhcpd.conf
```



1.1- Instalação e Configuração do servidor DHCP

```
GNU nano 2.2.6      File: /etc/dhcp/dhcpd.conf

[ New File ]
^G Get Help  ^O WriteOut  ^R Read File  ^Y Prev Page  ^K Cut Text   ^C Cur Pos
^X Exit      ^J Justify   ^W Where Is   ^U Next Page  ^U UnCut Text ^T To Spell
```

1.1- Instalação e Configuração do servidor DHCP

```
GNU nano 2.2.6      File: /etc/dhcp/dhcpd.conf      Modified

ddns-update-style none;
default-lease-time 600;
max-lease-time 7200;
authoritative;

subnet 192.168.13.0 netmask 255.255.255.0 {
range 192.168.13.2 192.168.13.254;
option routers 192.168.13.1;
option domain-name-servers 8.8.8.8,192.168.13.1;
option broadcast-address 192.168.13.255;

}_

^G Get Help  ^O WriteOut  ^R Read File  ^Y Prev Page  ^K Cut Text   ^C Cur Pos
^X Exit      ^J Justify   ^W Where Is   ^U Next Page  ^U UnCut Text ^T To Spell
```

1.1- Instalação e Configuração do servidor DHCP

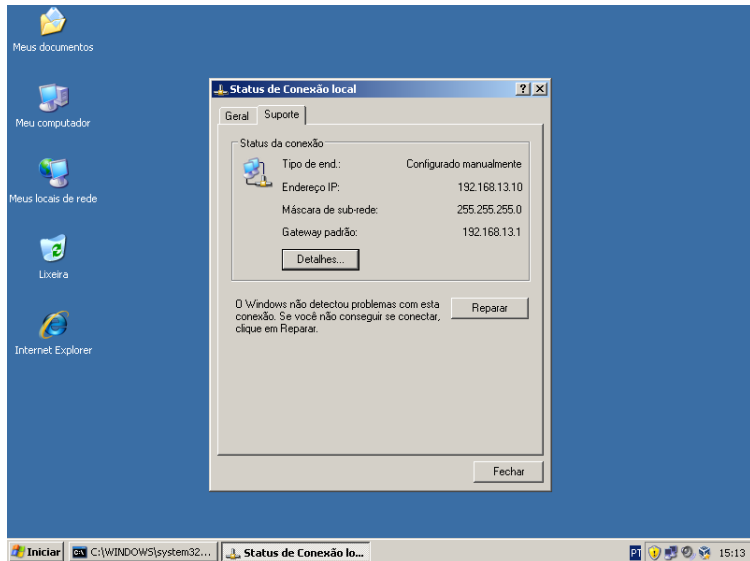
```
root@ubuntu:/home/ubuntu# service isc-dhcp-server restart
```



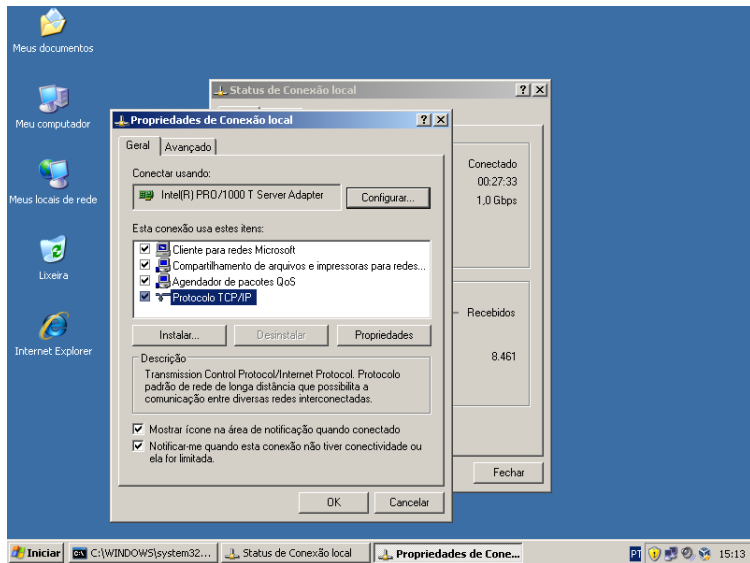
1.1- Instalação e Configuração do servidor DHCP

```
root@ubuntu:/home/ubuntu# service isc-dhcp-server restart
isc-dhcp-server stop/waiting
isc-dhcp-server start/running, process 1913
root@ubuntu:/home/ubuntu#
```

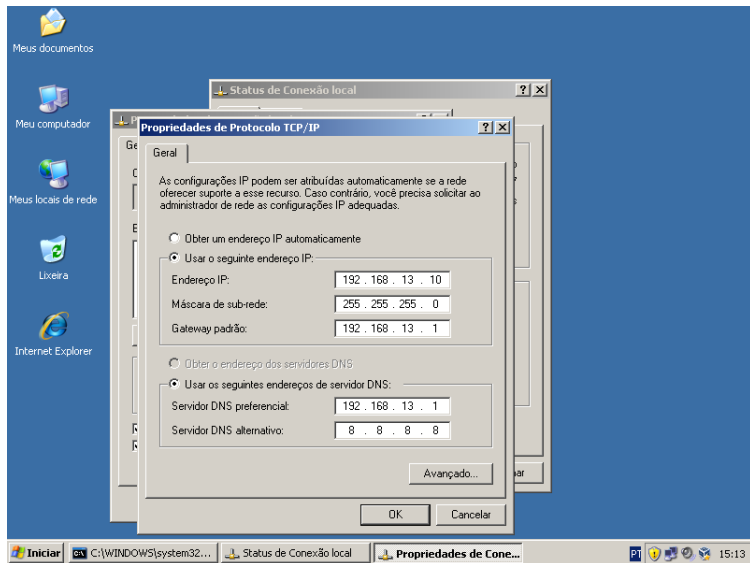
1.2- Teste de funcionamento



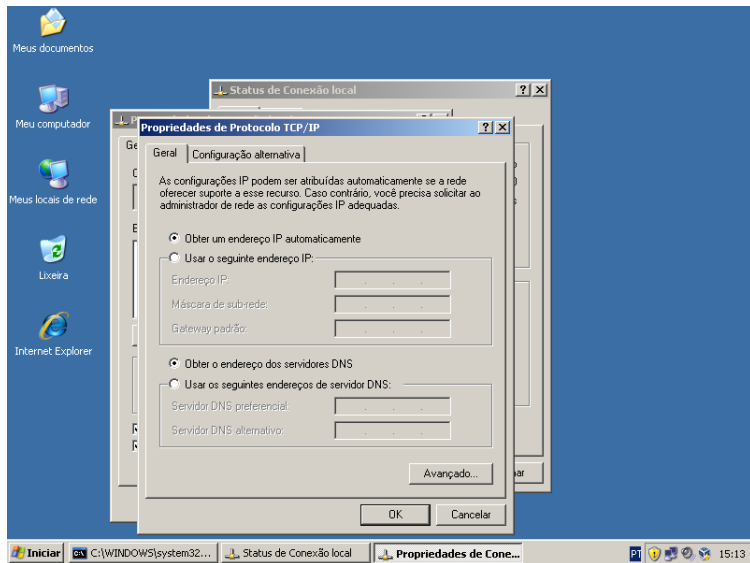
1.2- Teste de funcionamento



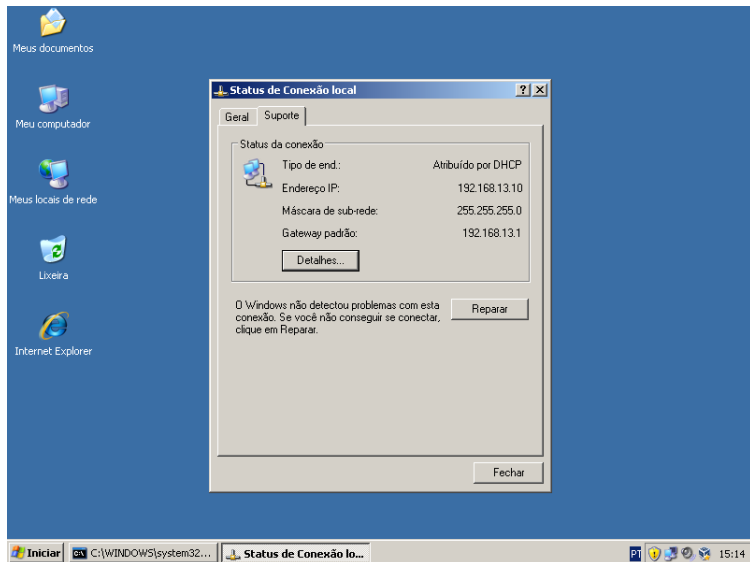
1.2- Teste de funcionamento



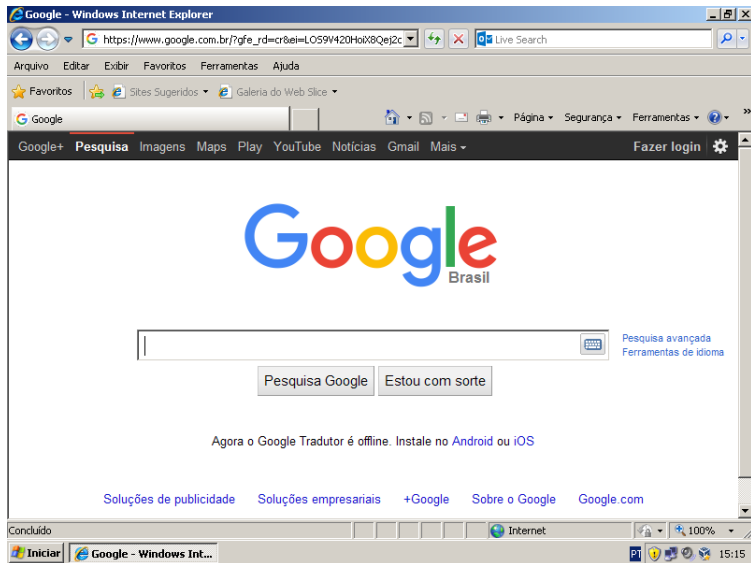
1.2- Teste de funcionamento



1.2- Teste de funcionamento



1.2- Teste de funcionamento



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