

Manuel YuGiOhJCJ DHCP

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1 Introduction

DHCP¹ est un serveur DHCP.

Le site web officiel de DHCP est <http://www.isc.org/software/dhcp>.

Le DHCP est expliqué dans la RFC² 2131.

Ce manuel est écrit pour DHCP 4.1.

¹ DHCP : Dynamic Host Configuration Protocol

² RFC : Request For Comment

2 L'installation

Pour effectuer la procédure suivante, vous avez besoin de :

- wget (<http://www.gnu.org/software/wget/>)
- tar (<http://www.gnu.org/software/tar/>)
- make (<http://www.gnu.org/software/make/>)
- gcc (<http://www.gnu.org/software/gcc/>)

Pour installer DHCP vous devez taper les commandes suivantes :

```
$ wget http://ftp.isc.org/isc/dhcp/dhcp-4.1.1-P1.tar.gz
$ tar zxvf dhcp-4.1.1-P1.tar.gz
$ cd dhcp-4.1.1-P1
$ ./configure
$ make
$ make install
$ mkdir /var/db
$ touch /var/db/dhcpd.leases
$ cp client/scripts/linux /sbin/dhclient-script
```

3 La configuration

La configuration du serveur se fait dans le fichier `‘/etc/dhcpd.conf’`.

Voici un exemple :

`‘/etc/dhcpd.conf’`

```
# Nom de domaine
option domain-name "mondomaine";
# Serveurs DNS
option domain-name-servers 212.27.53.252, 212.27.54.252;
# Passerelle
option routers 192.168.0.1;

ddns-update-style none;

# Plage d'adresses à attribuer
subnet 192.168.0.0 netmask 255.255.255.0 {
    range 192.168.0.3 192.168.0.10;
}

# Adresse IP réservée à une machine spécifique
host toto {
    hardware ethernet 00:C0:9F:DA:AF:8E;
    fixed-address 192.168.0.2;
}
```

4 L'utilisation

4.1 Le lancement du serveur

Pour lancer le serveur, vous devez taper :

```
$ dhcpd -cf /etc/dhcpd.conf
```

4.2 Le lancement du client

Pour lancer le client, vous devez taper :

```
$ dhclient -v eth0
```

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