Partie DNS

sudo nano /etc/bind/db.local

```
myteam.mlv      IN      A       192.168.XXX.128
```

sudo nano /etc/bind/named.conf.local

```
        zone "myteam.mlv" {
        type master;
        file "/etc/bind/db.local";
};
```

sudo nano /etc/hosts

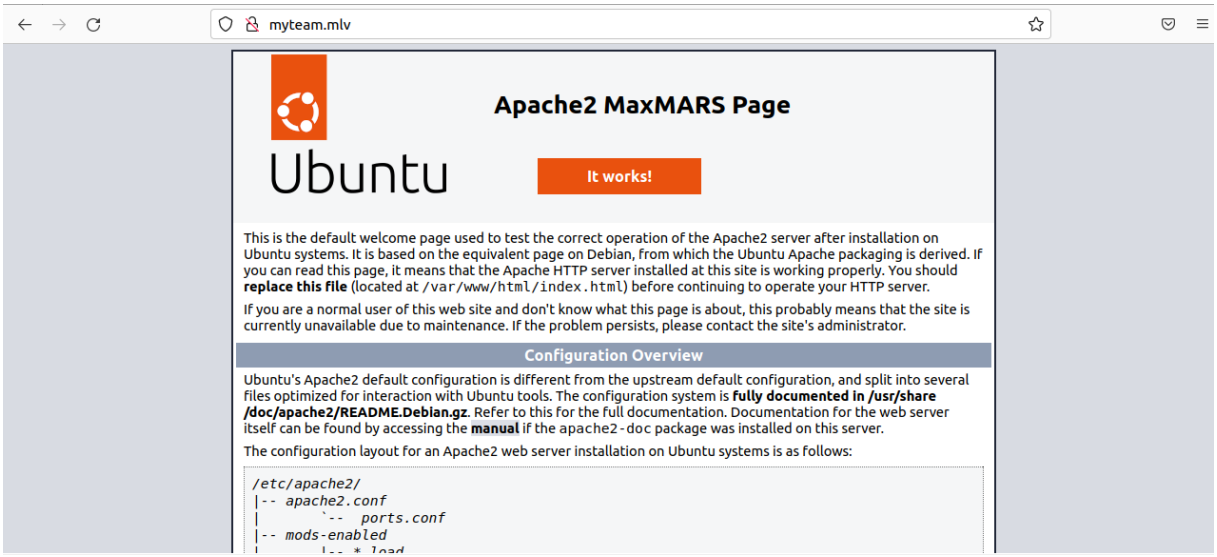
```
#NAT
192.168.XXX.XXX myteam.mlv
#HOST only
10.XXX.3.XXX    myteam.mlv
```

sudo nano /var/www/html/index.html

```
        <span style="margin-top: 1.5em;" class="floating_element">
          Apache2 MaxMARS Page
        </span>
      </div>
      <div class="banner">
        <div id="about"></div>
        It works!
      </div>

    </div>
    <div class="content_section floating_element">
      <div class="content_section_text">
        <p>
              This is the default welcome page used to test the correct
              operation of the Apache2 server after installation on Ubuntu systems.
              It is based on the equivalent page on Debian, from which the Ubuntu Apache
              packaging is derived.
              If you can read this page, it means that the Apache HTTP server installed at
              this site is working properly. You should <b>replace this file</b> (located at
              <tt>/var/www/html/index.html</tt>) before continuing to operate your HTTP server.
        </p>

        <p>
              If you are a normal user of this web site and don't know what this page is
              about, this probably means that the site is currently unavailable due to
              maintenance.
              If the problem persists, please contact the site's administrator.
        </p>

      </div>
```

sudo service apache2 stop

sudo service apache2 start



Partie DHCP

créer isc-dhcp-server

nano /etc/default/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="ens33"
INTERFACESv6=""
```

INTERFACESv4="ens33"

nano /etc/dhcp/dhcpd.conf

```
#Host only and NAT connection
subnet 192.168.XXX.0 netmask 255.255.255.0 {
        range   192.168.XXX.1 192.168.XXX.100;
        option domain-name-servers      192.168.XXX.128;
        option  routers 192.168.XXX.2;
}
#bridge  connection
subnet 10.10.XXX.0 netmask 255.255.255.0 {
        range   10.10.XXX.1 10.10.XXX.100;
        option domain-name-servers      10.10.XXX.189;
        option  routers 10.10.XXX.0;
}
```

subnet 192.168.XXX.0 netmask 255.255.255.0 {

range 192.168.XXX.1 192.168.XXX.100;

option domain-name-servers 192.168.XXX.XXX;

option routers 192.168.XXX.2;

}

service isc-dhcp-server start

service isc-dhcp-server status

```
● isc-dhcp-server.service - ISC DHCP IPv4 server
     Loaded: loaded (/lib/systemd/system/isc-dhcp-server.service; enabled; vendor preset: enabled)
     Active: active (running) since Thu 2022-12-22 10:55:53 CET; 2h 15min ago
       Docs: man:dhcpd(8)
   Main PID: 5451 (dhcpd)
      Tasks: 4 (limit: 3453)
     Memory: 6.1M
        CPU: 166ms
     CGroup: /system.slice/isc-dhcp-server.service
             └─5451 dhcpd -user dhcpd -group dhcpd -f -4 -pf /run/dhcp-server/dhcpd.pid -cf /etc/dhcp/dhcpd.conf ens33
```