

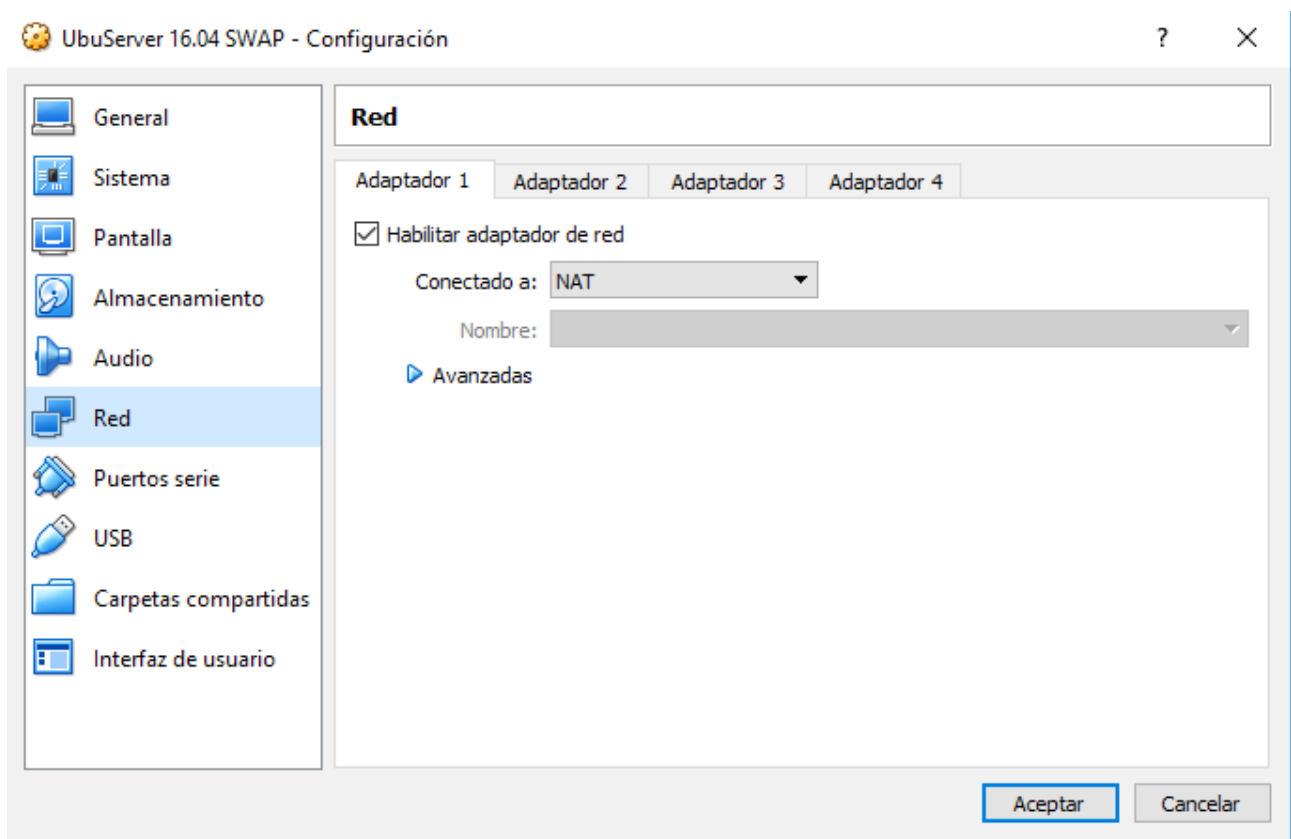
Práctica 1 – Instalación de las máquinas

Voy a poner capturas y explicaciones que demuestren que mis máquinas son capaces de dar servicio web y ssh.

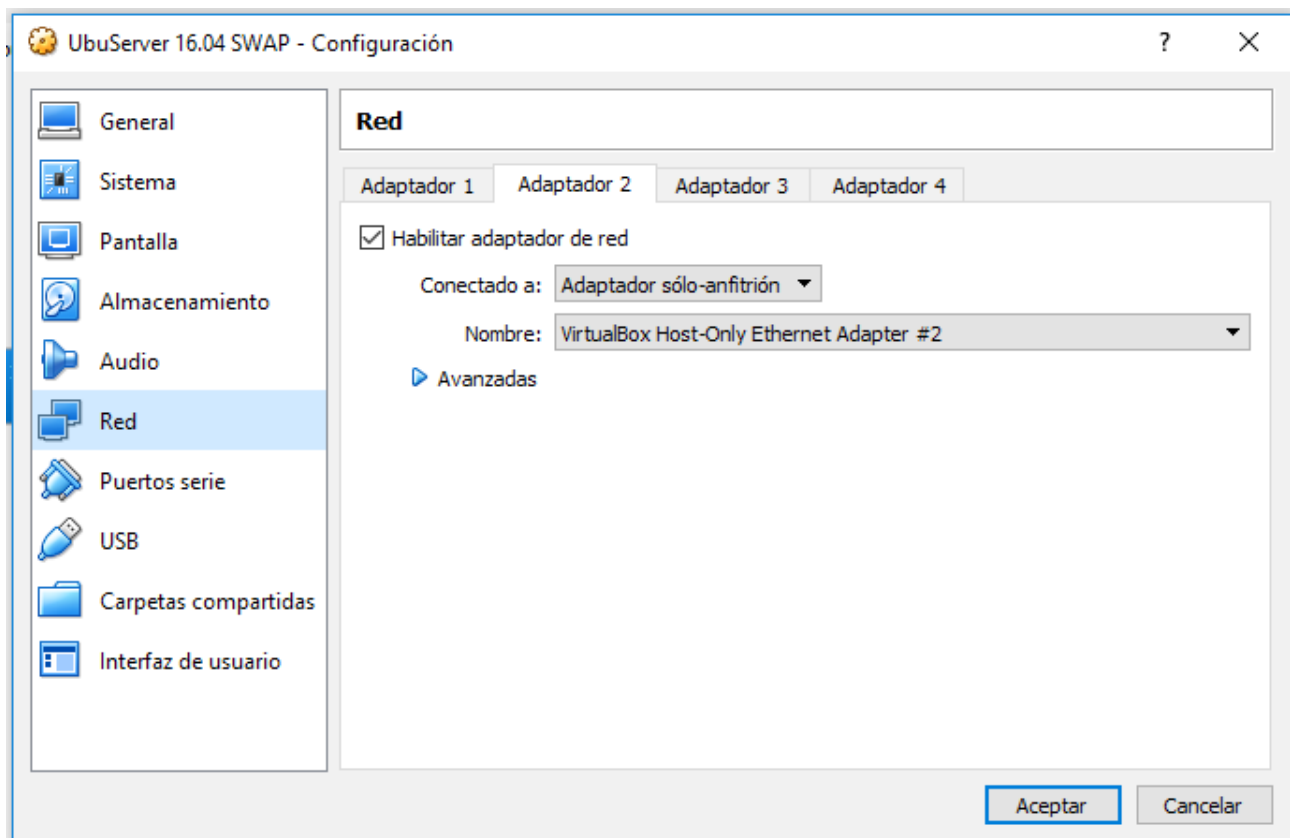
Lo primero fue instalar una máquina con **ubuntu server 16.04.5** para clonarla y tener dos.

He configurado dos interfaces en las maquinas virtuales:

enp0s3 Sale hacia internet:

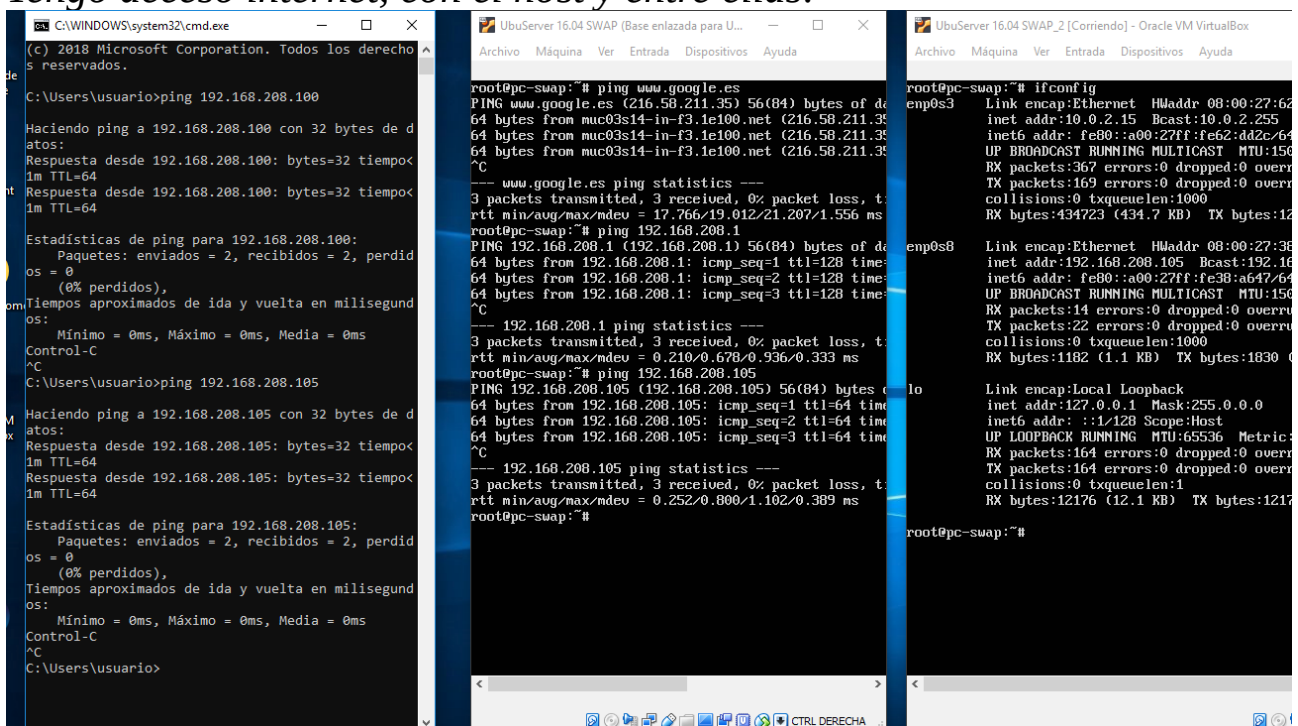


enp0s8 es una red entre las maquinas y el host:



He configurado correctamente `/etc/network/interfaces` para dar una ip estática al host (192.168.208.1), y dos a las maquinas virtuales (192.168.208.100 y 192.168.208.105).

Tengo acceso internet, con el host y entre ellas:



También instalé la LAMP del tasksel por defecto y openssh-server:

The image displays two terminal windows from the Ubuntu Server 16.04 SWAP environment.

The left terminal window shows a user named 'jdaf' attempting to SSH into the IP address 192.168.208.105. The terminal output includes a warning about the host's authenticity, a confirmation to add the host to the list of known hosts, and a successful login. The user is prompted for their password and then greeted with the Ubuntu 16.04.5 LTS version and kernel information. The user then checks for updates, which shows 130 packages can be updated and 92 security updates are available. The user is also informed that a new release '18.04.2 LTS' is available and can be upgraded to.

The right terminal window shows the user running the 'ifconfig' command to check the network configuration. The output shows the configuration for the 'enp0s3' and 'enp0s8' network interfaces. Both interfaces are Ethernet cards with IP addresses 192.168.208.105 and 192.168.208.255 respectively. The 'enp0s3' interface has a MAC address of 08:00:27:62:dd:2c and is configured with a broadcast address of 10.0.2.255 and a mask of 255.255.255.0. The 'enp0s8' interface has a MAC address of 08:00:27:38:a6:47 and is configured with a broadcast address of 192.168.208.255 and a mask of 255.255.255.0. Both interfaces are running the 'UP BROADCAST RUNNING MULTICAST' flags and have a metric of 1. The 'enp0s3' interface has 372 RX packets, 0 errors, 0 dropped, 0 overruns, 0 frame, 0 TX packets, 0 errors, 0 dropped, 0 overruns, 0 carrier, 0 collisions, and a txqueuelen of 1000. The 'enp0s8' interface has 25 RX packets, 0 errors, 0 dropped, 0 overruns, 0 frame, 0 TX packets, 0 errors, 0 dropped, 0 overruns, 0 carrier, 0 collisions, and a txqueuelen of 1000. The 'lo' interface is a Local Loopback card with IP address 127.0.0.1 and a mask of 255.0.0.0. It has a MAC address of ::1/128 and is configured with a broadcast address of ::1/128 and a metric of 1. It has 164 RX packets, 0 errors, 0 dropped, 0 overruns, 0 frame, 0 TX packets, 0 errors, 0 dropped, 0 overruns, 0 carrier, 0 collisions, and a txqueuelen of 1.

Esto es un “curl localhost | more”:

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<!--
  Modified from the Debian original for Ubuntu
  Last updated: 2014-03-19
  See: https://launchpad.net/bugs/1288690
-->
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
  <title>Apache2 Ubuntu Default Page: It works</title>
  <style type="text/css" media="screen">
* {
  margin: 0px 0px 0px 0px;
  padding: 0px 0px 0px 0px;
}

body, html {
  padding: 3px 3px 3px 3px;

  background-color: #D8DBE2;

  font-family: Verdana, sans-serif;
  font-size: 11pt;
  text-align: center;
}

div.main_page {
  position: relative;
  display: table;

  width: 800px;

  margin-bottom: 3px;
  margin-left: auto;

```