TAREA 2.4
VIRTUAL HOSTING
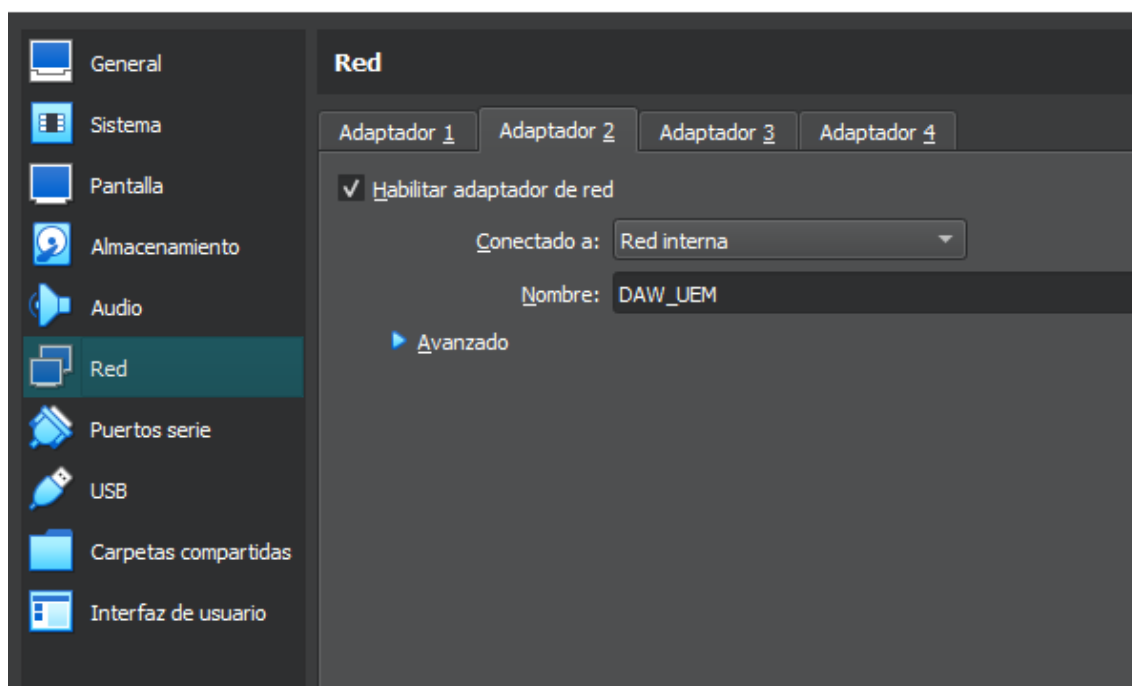
ADRIAN ARCONES GOMEZ

DESPLIEGUE DE APLICACIONES 2º DAW
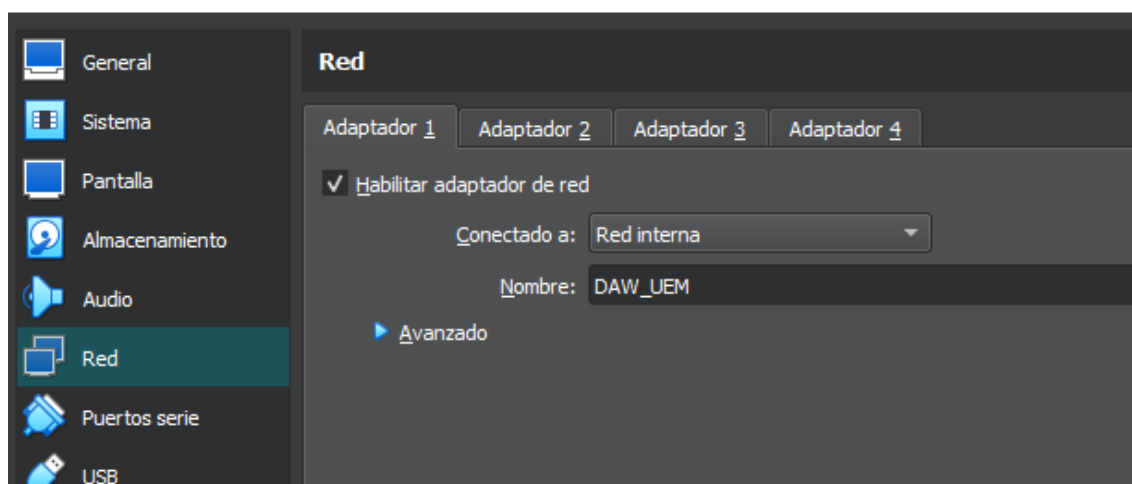
ÍNDICE

Configuración de Red en las Máquinas Virtuales

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Red

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☑ Habilitar adaptador de red

Conectado a: Red interna

Nombre: DAW_UEM

▶ Avanzado

Windows10Pro - Configuración

Red

General	
Sistema	
Pantalla	
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Puertos serie	
USB	

Adaptador 1 Adaptador 2 Adaptador 3 Adaptador 4

☑ Habilitar adaptador de red

Conectado a: Red interna

Nombre: DAW_UEM

▶ Avanzado

```
root@user:/etc/apache2/sites-available# ip addr add 192.168.1.10/24 dev enp0s8
```

```
root@user:/etc/apache2/sites-available# ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.1.42  netmask 255.255.255.0  broadcast 192.168.1.255
        inet6 fe80::a00:27ff:fee3:2c36  prefixlen 64  scopeid 0x20<link>
        ether 08:00:27:e3:2c:36  txqueuelen 1000  (Ethernet)
        RX packets 6272  bytes 390399 (390.3 KB)
        RX errors 0  dropped 27  overruns 0  frame 0
        TX packets 527  bytes 41637 (41.6 KB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

enp0s8: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.1.10  netmask 255.255.255.0  broadcast 0.0.0.0
        ether 08:00:27:2c:f8:f2  txqueuelen 1000  (Ethernet)
        RX packets 84  bytes 13745 (13.7 KB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 133  bytes 40998 (40.9 KB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        inet6 ::1  prefixlen 128  scopeid 0x10<host>
        loop  txqueuelen 1000  (Local Loopback)
        RX packets 84  bytes 6428 (6.4 KB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 84  bytes 6428 (6.4 KB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
```

Propiedades: Protocolo de Internet versión 4 (TCP/IPv4)

General

Puede hacer que la configuración IP se asigne automáticamente si la
red es compatible con esta funcionalidad. De lo contrario, deberá
consultar con el administrador de red cuál es la configuración IP
apropiada.

◯ Obtener una dirección IP automáticamente

◉ Usar la siguiente dirección IP:

Dirección IP: 192 . 168 . 2 . 10

Máscara de subred: 255 . 255 . 255 . 0

Puerta de enlace predeterminada: . | .   .

◯ Obtener la dirección del servidor DNS automáticamente

Creación de Directorios y Configuración de Contenido Web

```
root@user:/home/user# mkdir -p /var/www/intranet
root@user:/home/user# nano /var/www/intranet/index.html
```

```
  GNU nano 7.2
<html>
    <body>
        <h1>Biencneido a la red interna / Intranet de la web DAW-UE
    </body>
</html>
```

```
root@user:/home/user# sudo mkdir -p /var/www/extranet
root@user:/home/user# nano /var/www/extranet/index.html
```

```
  GNU nano 7.2                                           /var/www/extranet/.
<html>
    <body>
        <h1>Bienvenido a la web de DAW-UEM. Está accediendo por una IP Externa</h1>
    </body>
</html>
```

Configuración de Virtual Hosting en Apache

```
root@user:/home/user# cd /etc/apache2/sites-available/
root@user:/etc/apache2/sites-available# cp 000-default.conf intranet.conf
root@user:/etc/apache2/sites-available# nano intranet.conf _
```

```
        ServerName intranet.daw-uem.org
        ServerAdmin webmaster@localhost
        DocumentRoot /var/www/intranet

        # Available loglevels: trace8, ..., trace1, debug, info, notic
        # error, crit, alert, emerg.
        # It is also possible to configure the loglevel for particular
        # modules, e.g.
        #LogLevel info ssl:warn

        ErrorLog ${APACHE_LOG_DIR}/intranet_error.log
        CustomLog ${APACHE_LOG_DIR}/intranet_access.log combined
```

```
root@user:/etc/apache2/sites-available# cp intranet.conf extranet.conf
```

```
        ServerName extranet.daw-uem.org
        ServerAdmin webmaster@localhost
        DocumentRoot /var/www/extranet

        # Available loglevels: trace8, ..., trace1, debug, info, noti
        # error, crit, alert, emerg.
        # It is also possible to configure the loglevel for particula
        # modules, e.g.
        #LogLevel info ssl:warn

        ErrorLog ${APACHE_LOG_DIR}/extranet_error.log
        CustomLog ${APACHE_LOG_DIR}/extranet_access.log combined
```

Activar los Sitios Virtuales y Reiniciar Apache

```
root@user:/etc/apache2/sites-available# sudo a2ensite intranet.conf
Enabling site intranet.
To activate the new configuration, you need to run:
  systemctl reload apache2
root@user:/etc/apache2/sites-available# sudo a2ensite extranet.conf
Enabling site extranet.
To activate the new configuration, you need to run:
  systemctl reload apache2
root@user:/etc/apache2/sites-available# sudo a2dissite 000-default.conf
Site 000-default already disabled
root@user:/etc/apache2/sites-available# sudo systemctl restart apache2_
```

Configuración del Archivo hosts en el Equipo Cliente

hosts: Bloc de notas

Archivo   Edición   Formato   Ver   Ayuda

```
# Copyright (c) 1993-2009 Microsoft Corp.
#
# This is a sample HOSTS file used by Microsoft TCP/IP
#
# This file contains the mappings of IP addresses to ho:
# entry should be kept on an individual line. The IP ad
# be placed in the first column followed by the correspo
# The IP address and the host name should be separated I
# space.
#
# Additionally, comments (such as these) may be inserted
# lines or following the machine name denoted by a '#' :
#
# For example:
#
#      102.54.94.97     rhino.acme.com          # source
#       38.25.63.10     x.acme.com              # x clie

192.168.1.10 intranet.daw-uem.org
192.168.1.10 extranet.daw-uem.org

# localhost name resolution is handled within DNS itsel-
#       127.0.0.1       localhost
#       ::1             localhost
```