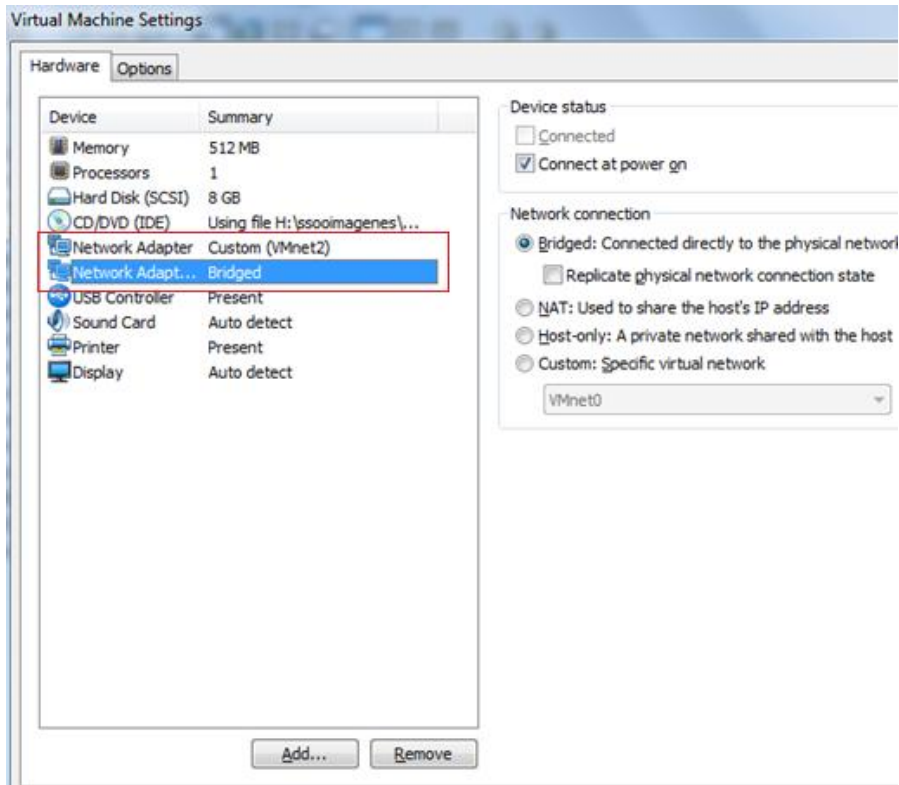
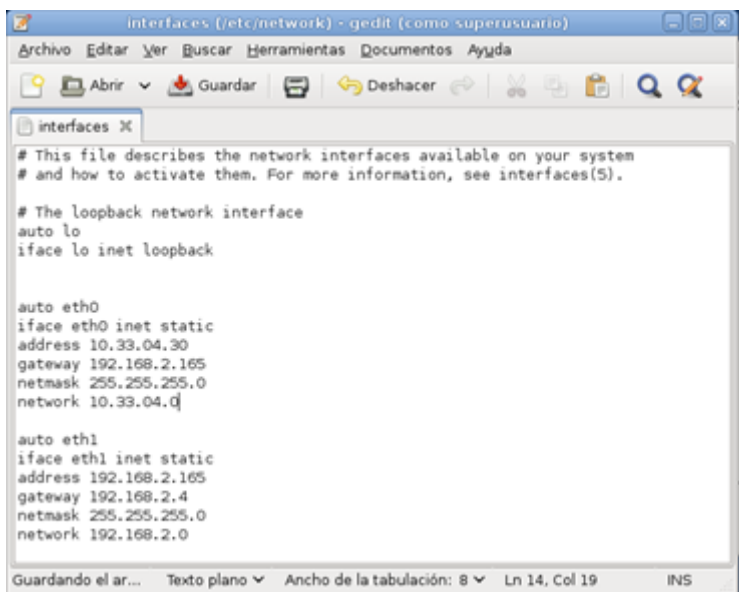


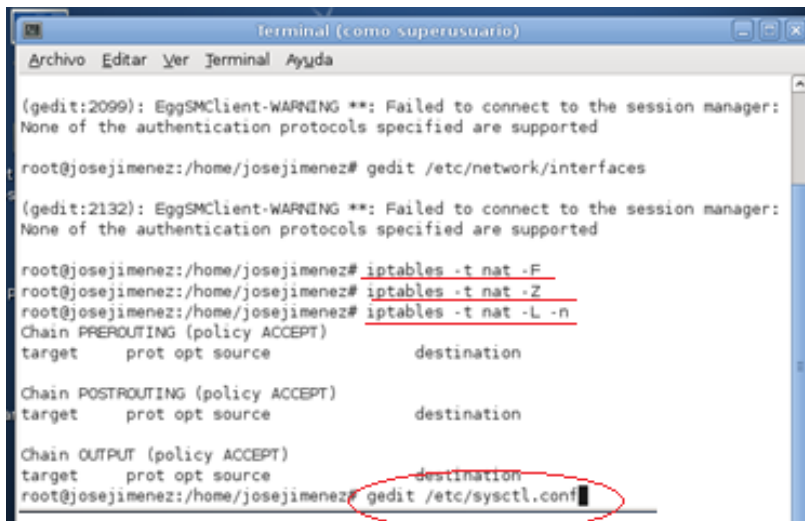
- En primer lugar iniciamos wmware y en el sistema Debian ponemos 2 tarjetas.
- La existe la ponemos como VMnet2 y agregamos una nueva que pondremos en posicion bridged.



- Configuramos las tarjetas de red. Con permisos de root ejecutando la sentencia:
Gedit /etc/network/interfaces
- Configuramos la puerta de enlace de la primera la VMNet2 con la ip de la segunda la bridged.



- Para hacer hacer en nuestras tarjetas el puente debemos seguir los siguientes pasos 2:



```
terminal (como superusuario)
Archivo Editar Ver Terminal Ayuda

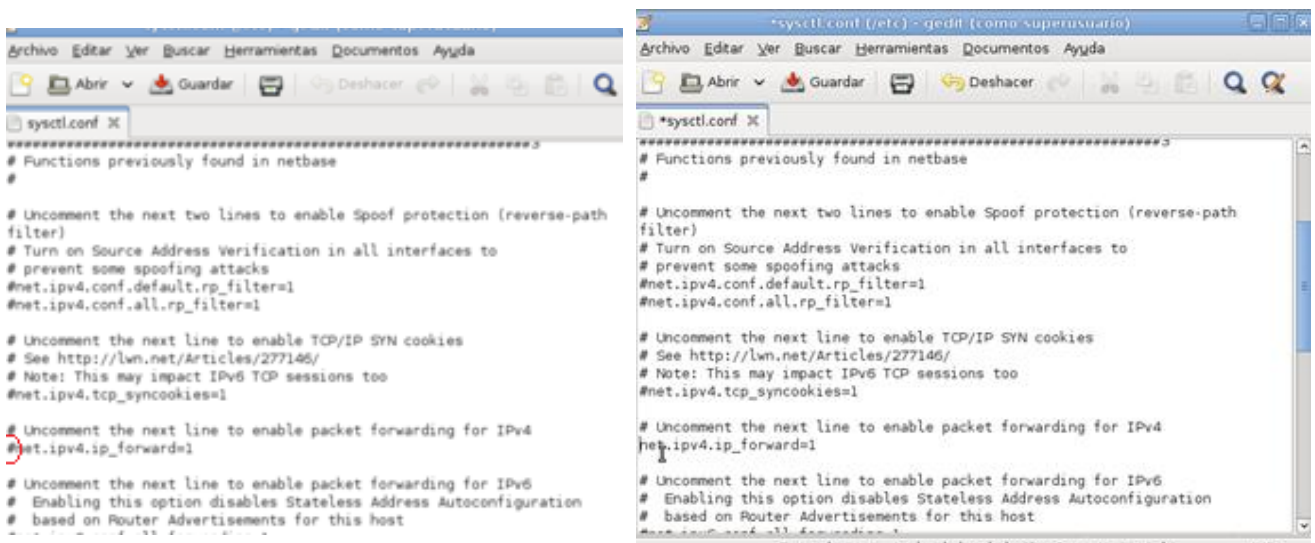
(gedit:2099): EggSMClient-WARNING **: Failed to connect to the session manager:
None of the authentication protocols specified are supported

root@josejimenez:/home/josejimenez# gedit /etc/network/interfaces

(gedit:2132): EggSMClient-WARNING **: Failed to connect to the session manager:
None of the authentication protocols specified are supported

root@josejimenez:/home/josejimenez# iptables -t nat -F
root@josejimenez:/home/josejimenez# iptables -t nat -Z
root@josejimenez:/home/josejimenez# iptables -t nat -L -n
Chain PREROUTING (policy ACCEPT)
target     prot opt source                destination
Chain POSTROUTING (policy ACCEPT)
target     prot opt source                destination
Chain OUTPUT (policy ACCEPT)
target     prot opt source                destination
root@josejimenez:/home/josejimenez# gedit /etc/sysctl.conf
```

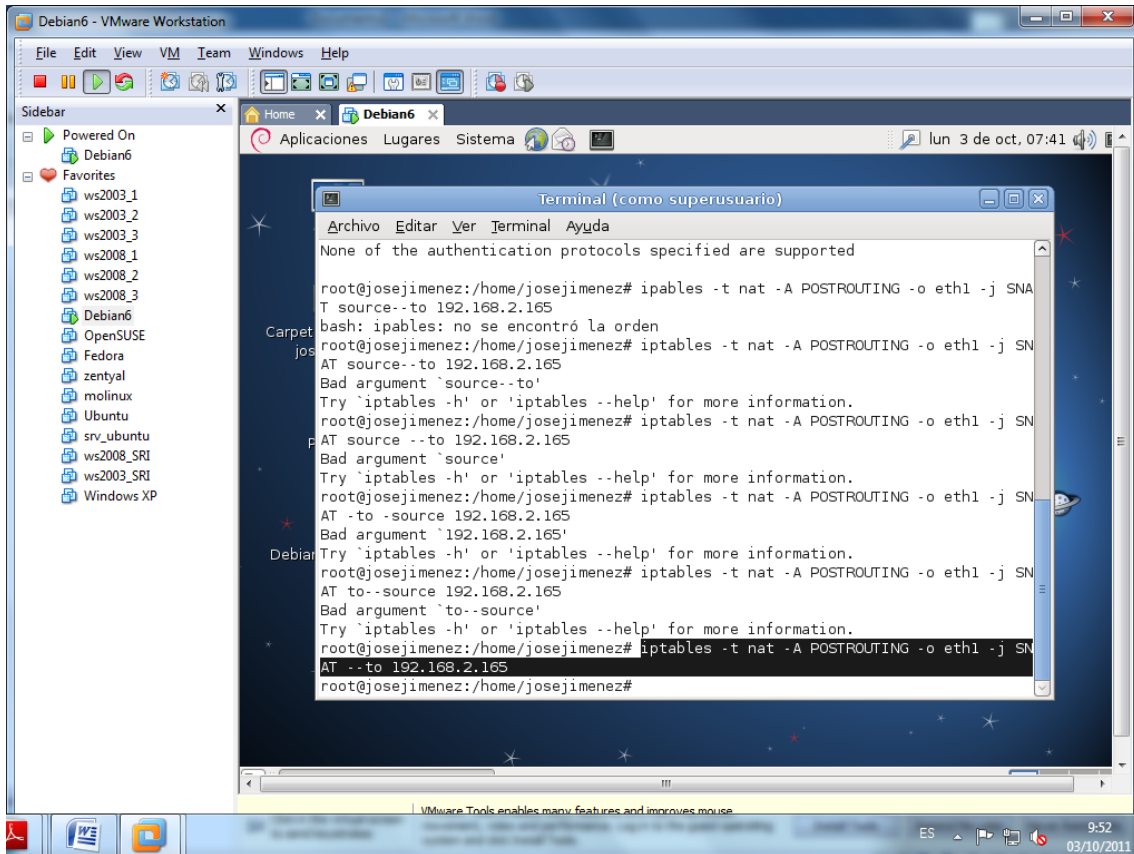
- Una vez abierto el archivo sysctl.conf quitamos el simbolo de delante de la linea net.ipv4.ip.forward=1



```
sysctl.conf X
# Functions previously found in netbase
#
# Uncomment the next two lines to enable Spoof protection (reverse-path
filter)
# Turn on Source Address Verification in all interfaces to
# prevent some spoofing attacks
#net.ipv4.conf.default.rp_filter=1
#net.ipv4.conf.all.rp_filter=1
#
# Uncomment the next line to enable TCP/IP SYN cookies
# See http://lwn.net/Articles/277146/
# Note: This may impact IPv6 TCP sessions too
#net.ipv4.tcp_syncookies=1
#
# Uncomment the next line to enable packet forwarding for IPv4
#net.ipv4.ip_forward=1
#
# Uncomment the next line to enable packet forwarding for IPv6
# Enabling this option disables Stateless Address Autoconfiguration
# based on Router Advertisements for this host

*sysctl.conf X
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# Uncomment the next line to enable packet forwarding for IPv6
# Enabling this option disables Stateless Address Autoconfiguration
# based on Router Advertisements for this host
```

- Seguidamente escribimos la line que se ve en pantalla que es la que enruta.



```
root@josejimenez:/home/josejimenez# ipables -t nat -A POSTROUTING -o eth1 -j SNAT -s 192.168.2.165
None of the authentication protocols specified are supported
root@josejimenez:/home/josejimenez# ipables -t nat -A POSTROUTING -o eth1 -j SNAT -s 192.168.2.165
bash: ipables: no se encontró la orden
root@josejimenez:/home/josejimenez# iptables -t nat -A POSTROUTING -o eth1 -j SNAT -s 192.168.2.165
AT source --to 192.168.2.165
Bad argument `source--to`
Try `iptables -h' or `iptables --help' for more information.
root@josejimenez:/home/josejimenez# iptables -t nat -A POSTROUTING -o eth1 -j SNAT -s 192.168.2.165
AT source --to 192.168.2.165
Bad argument `source`
Try `iptables -h' or `iptables --help' for more information.
root@josejimenez:/home/josejimenez# iptables -t nat -A POSTROUTING -o eth1 -j SNAT -s 192.168.2.165
AT -to -source 192.168.2.165
Bad argument `192.168.2.165`
Try `iptables -h' or `iptables --help' for more information.
root@josejimenez:/home/josejimenez# iptables -t nat -A POSTROUTING -o eth1 -j SNAT -s 192.168.2.165
AT to--source 192.168.2.165
Bad argument `to--source`
Try `iptables -h' or `iptables --help' for more information.
root@josejimenez:/home/josejimenez# iptables -t nat -A POSTROUTING -o eth1 -j SNAT -s 192.168.2.165
AT --to 192.168.2.165
root@josejimenez:/home/josejimenez#
```

YA TENEMOS NUESTRO ROUTER DEBIAN.

Para conectar dar salida a internet a otro equipo median debían es necesario que la puerta de enlace del equipo que quiera salir a internet pongamos la ip de la primera tarjeta de debían: En nuestro caso la 10.33.04.30

