VMware Fusion 3.x Virtual Network Configuration Instructions

Follow the steps below to change the IP address ranges for vmnet1 and vmnet8 in VMware Fusion 3.x to fixed values.

```
1) Change to the VMware Fusion directory.
```

   cd /Library/Application\ Support/VMware\ Fusion/

```
2) Shut down the vmnet services.
```

   sudo ./vmnet-apps.sh --stop

```
3) Verify that the vmnet services are shut down.
```

   ifconfig -a

You should see that the vmnet1 and vmnet8 virtual network interfaces are no longer included in the listing.

```
4) Edit the locations file and modify the IP address values as desired.
```

   sudo nano locations

For example, I modified mine as follows, changing the values for the VNET_1_HOSTONLY_HOSTADDR and VNET_8_HOSTONLY_HOSTADDR entries as follows (NOTE: using these addresses is a handy trick that makes it easy to remember the IP address ranges for the vmnet1 (172.16.1.x) and vmnet8 (172.16.8.x) virtual networks):

```
   remove_answer VNET_1_HOSTONLY_HOSTADDR
   remove_answer VNET_1_HOSTONLY_NETMASK
   answer VNET_1_HOSTONLY_HOSTADDR 172.16.1.1
   answer VNET_1_HOSTONLY_NETMASK 255.255.255.0
   remove_answer VNET_1_DHCP
   answer VNET_1_DHCP yes
   remove_answer VNET_8_HOSTONLY_HOSTADDR
   remove_answer VNET_8_HOSTONLY_NETMASK
   answer VNET_8_HOSTONLY_HOSTADDR 172.16.8.1
   answer VNET_8_HOSTONLY_NETMASK 255.255.255.0
   remove_answer VNET_8_NAT
   answer VNET_8_NAT yes
   remove_answer VNET_8_DHCP
   answer VNET_8_DHCP yes
```

Type **Ctrl-O** and then **Enter** to save the changes, and then **Ctrl-X** to exit the editor.

```
5) Start the vmnet services.

   sudo ./vmnet-apps.sh --start



6) Verify the changes.

   ifconfig -a
```

For example, if making the above changes, you should now see the following:

```
...
vmnet1: flags=8863<UP,BROADCAST,SMART,RUNNING,SIMPLEX,MULTICAST> mtu 1500
    inet 172.16.1.1 netmask 0xffffff00 broadcast 172.16.1.255
    ether 00:50:56:c0:00:01
vmnet8: flags=8863<UP,BROADCAST,SMART,RUNNING,SIMPLEX,MULTICAST> mtu 1500
    inet 172.16.8.1 netmask 0xffffff00 broadcast 172.16.8.255
    ether 00:50:56:c0:00:08
```


You should now be ready to go !