

2 networks in VM under xUbuntu 7.10 ...



[beergut](#) 4 posts since

Nov 12, 2007

VMWare Version 1.1 (62573)

I am using a MBP running Leopard 10.5 with VMware installed (and running xubuntu as VM). I want to use 2 networks in the VM.

I am using Bridged network.

One is a wireless network which connects to the internet with DHCP address (64.134.54.37 in VM, 64.134.54.16 in Leopard)

the other one is wired network with static IP address (192.168.252.101 in VM, 192.168.252.100 in Leopard)

Physically, the wired network is connected to an embedded device with static IP of (192.168.252.102) .

My problem:

When MBP wireless is "ON", the subnet 192.168.252.x won't talk to each other

Can someone help to figure out how I can make both subnet talk to each other and able to connect to the internet via the host ?

Thanks.



[etung](#) 11,086 posts since

Oct 15, 2006 **1. Re: 2 networks in VM under xUbuntu 7.10** Dec 6, 2007 4:39 AM

Two things come to mind: Since you want to access two networks simultaneously, you need two virtual NICs in the guest (add another via Virtual Machine > Settings > "+" button > Add Network) and two virtual switches: one to the wireless interface, one to the wired interface. The default setup tracks the host's current network interface (which is why you can't access the 192.168.252.* subnet when wireless is active).

To add a virtual switch, you'll need to edit /Library/Application Support/VMware Fusion/boot.sh (sorry, there's currently no GUI). [DaveP](#) wrote a guide for these sorts of edits - if it doesn't cover your exact setup, it's still a good starting point: [Scripts to manage Fusion network settings](#) and [How to modify Fusion network settings whitepaper](#)



[beergut](#) 4 posts since

Nov 12, 2007 **2. Re: 2 networks in VM under xUbuntu 7.10** Dec 6, 2007 10:23 AM

 in response to: [etung](#)

Thank you for pointing that out. I have had a look at those post, and downloaded the stuff, but none of them tells me about creating a virtual switch.


Can you please elaborate ?



[WoodyZ](#) 10,128 posts since

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Apr 22, 2004 3. **Re: 2 networks in VM under xUbuntu 7.10** Dec 6, 2007 10:54 AM

 in response to: [beergut](#) It's in the post etung referenced: [How to modify Fusion network settings whitepaper](#)

You need to read and understand [VMware Fusion Network Settings - Part 1.pdf](#) and look farther down the post for "Here's the first quick update on adding a new bridged adapter and configuring the VMX file."

vmnet2 is the additional Virtual Switch.