

Bridged Networking not Working on 6.5 ...



smnw 6 posts since

Oct 11, 2008

I converted a Virtual Server 2005 XP Pro guest VM to Workstation 6.5. NAT worked but the NAT service keeps crashing (anyone know why?). The guest and host are XP PRO. Bridged is not working for the guest.

Can anyone help? I even tried disabling my wlan, with no luck. With bridged not working, and NAT constantly crashing, I have no alternative but to go back to Virtual Server and kick myself for spending money on Workstation 6.5.

My networking dump:

Windows IP Configuration

Host Name : host

Primary Dns Suffix :

Node Type : Unknown

IP Routing Enabled. : No

WINS Proxy Enabled. : No

DNS Suffix Search List. : comcast

Ethernet adapter VMware Network Adapter VMnet8:

Connection-specific DNS Suffix . :

Description : VMware Virtual Ethernet Adapter for VMnet8

Physical Address. : 00-50-56-C0-00-08

Dhcp Enabled. : No

IP Address. : 192.168.80.1

Subnet Mask : 255.255.255.0

Default Gateway :

Ethernet adapter VMware Network Adapter VMnet1:

Connection-specific DNS Suffix . :

Description : VMware Virtual Ethernet Adapter for VMnet1

Physical Address. : 00-50-56-C0-00-01

Dhcp Enabled. : No

IP Address. : 192.168.50.1

Subnet Mask : 255.255.255.0

Default Gateway :

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . : comcast

Description : Intel(R) PRO/100 VE Network Connection

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Physical Address. : (MAC)
Dhcp Enabled. : Yes
Autoconfiguration Enabled : Yes
IP Address. : 192.168.3.101
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.3.1
DHCP Server : 192.168.3.1
DNS Servers : 192.168.3.1
Lease Obtained. : Saturday, October 11, 2008 10:18:28 PM
Lease Expires : Sunday, October 12, 2008 10:18:28 PM
Ethernet adapter Wireless Network Connection:
Media State : Media disconnected
Description : Intel(R) PRO/Wireless 2200BG Network Connection
Physical Address. : (MAC)

My .VMX:

.encoding = "windows-1252"
config.version = "8"
virtualHW.version = "7"
memsize = "512"
MemAllowAutoScaleDown = "FALSE"
MemTrimRate = "30"
displayName = "SM-VW"
guestOS = "winxpro"
floppy0.present = "TRUE"
floppy0.autodetect = "TRUE"
floppy0.filename = "auto detect"
floppy0.startConnected = "FALSE"
usb.present = "TRUE"
sound.present = "TRUE"
sound.filename = "-1"
sound.autodetect = "TRUE"
ethernet0.present = "TRUE"
ethernet0.addressType = "generated"
ethernet0.connectionType = "bridged"
scsi0:0.present = "TRUE"
scsi0:0.fileName = "SM-VW.vmdk"
pciBridge0.present = "TRUE"

```
pciBridge4.present = "TRUE"
pciBridge4.virtualDev = "pcieRootPort"
pciBridge5.present = "TRUE"
pciBridge5.virtualDev = "pcieRootPort"
pciBridge6.present = "TRUE"
pciBridge6.virtualDev = "pcieRootPort"
pciBridge7.present = "TRUE"
pciBridge7.virtualDev = "pcieRootPort"
mks.enable3d = "TRUE"
vmci0.present = "TRUE"
vmci0.unrestricted = "TRUE"
tools.upgrade.policy = "useGlobal"
ehci.present = "TRUE"
ide0:0.present = "TRUE"
ide0:0.autodetect = "TRUE"
ide0:0.filename = "auto detect"
ide0:0.deviceType = "cdrom-raw"
scsi0.present = "TRUE"
scsi0.virtualDev = "buslogic"
buslogic.noDriver = "FALSE"
priority.grabbed = "normal"
priority.ungrabbed = "normal"
tools.syncTime = "TRUE"
extendedConfigFile = "SM-VW.vmx"
virtualHW.productCompatibility = "hosted"
ethernet0.generatedAddress = "00:0c:29:b2:22:a3"
uuid.location = "56 4d 55 19 5d ed f3 f2-cd 9c 53 ba c5 b2 22 a3"
uuid.bios = "56 4d 55 19 5d ed f3 f2-cd 9c 53 ba c5 b2 22 a3"
scsi0:0.redo = ""
vmotion.checkpointFBSize = "134217728"
pciBridge0.pciSlotNumber = "17"
pciBridge4.pciSlotNumber = "21"
pciBridge5.pciSlotNumber = "22"
pciBridge6.pciSlotNumber = "23"
pciBridge7.pciSlotNumber = "24"
scsi0.pciSlotNumber = "16"
usb.pciSlotNumber = "32"
ethernet0.pciSlotNumber = "33"
```

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sound.pciSlotNumber = "34"  
ehci.pciSlotNumber = "35"  
vmci0.pciSlotNumber = "36"  
ethernet0.generatedAddressOffset = "0"  
vmci0.id = "-978181469"  
ethernet0.linkStatePropagation.enable = "TRUE"  
ethernet0.wakeOnPcktRcv = "FALSE"  
ide0:0.startConnected = "TRUE"  
usb:0.present = "TRUE"  
usb:1.present = "TRUE"  
usb:1.deviceType = "hub"  
usb:0.deviceType = "mouse"  
ethernet0.vnet = "VMnet1"  
debugStub.winOffsets.version = "1"  
debugStub.winOffsets.value = "0x88,0x84,0x18,0x190,0x174,16,0x22c,0x1f0,0x224,0x20,0x18,0x18,0x20,0x24,4"
```



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Oct 11, 2008 **1. Re: Bridged Networking not Working on 6.5 running on XP Pro** Oct 11, 2008 11:53 PM

I think I found the issue, in the last place I would have looked, my linksys small business wireless router. I rebooted it and suddenly bridged networking started working. Oddly enough, the other computers were getting dhcp wired and wireless just fine. I can't explain it, but everything works now. I will post back if anything breaks again. However, if anyone knows why the NAT service keeps dying, I would love to know.