

Named pipe option for adding Serial ...



[harshayes](#) 5 posts since

May 31, 2009 Hi all,

I'm trying to add a serial port as a named pipe for a kernel debugging setup, but this option is missing (see attached screenshot1). There are however options to add the serial port as socket/file.

The host is 64 bit Fedora 10 running 2.6.27.24-170.2.68.fc10.x86_64.

Workstation is 6.5.2 build-156735. I found that the named pipe option is missing irrespective of the OS type of the guest.

I had posted this thread last week, -

<http://communities.vmware.com/message/1267552>

and marked it answered since as soon as I put in the following options in the .vmx file, a serial port option came up (see screenshot2)-

```
serial0.present = "TRUE"
```

```
serial0.fileType = "pipe"
```

```
serial0.fileName = "/tmp/com_1"
```

I realized that I would have to have one VM as the serial port server and other as client. So added the option -
`serial0.pipe.endPoint = "server"`

However this option this is breaking the vm configs (can't start VM till I remove this line).




Please see the attached screenshot3 of 6.5.2 on Windows and you will see that it has a different and complete looking serial port setting. One can easily set a VM as a server/client side of the serial connection on Windows.

I would really really appreciate if anyone can give me pointers as to why this difference between Linux and Windows and how to get the Windows kind of settings in Linux for the serial ports ?

My main goal of purchasing Workstation was to do kernel debugging using the serial ports, and now I'm totally crippled because of this. Any pointers and suggestions are greatly welcome.

Many thanks,

HS Attachments:

-  [screenshot3.png](#) (1.4 MB)
-  [screenshot2.png](#) (252.8 K)
-  [screenshot1.png](#) (243.4 K)

Tags: serial, port, linux_host

Named pipe option for adding Serial ...



[continuum](#) 12,715 posts since

Dec 18, 2003 1. **Re: Named pipe option for adding Serial Port missing for Linux host** Jun 7, 2009 12:06 PM

Hi

can you post vmware.logs that show how the named pipe fails ?

Are you sure you do not run into permission-issues ?

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[harshayes](#) 5 posts since

May 31, 2009 2. **Re: Named pipe option for adding Serial Port missing for Linux host** Jun 7, 2009 5:09 PM

in response to: [continuum](#)

Thanks for the reply. Sincere apologies though - I found that the problem was a extra ' serial0.pipe.endPoint = "client" ' line hiding in the end of the same file in which I was trying to set up server.

This time I ensured that the manual serial port config edit really works - I have a debug host and target connected over the virtual serial port and works great ! VMware Workstation rocks for kernel debugging !

I would be great if the GUI was consistant for Windows and Linux. The Windows version is more meaningful though "This end is the server" (screenshot3). Linux version says "From server" (screenshot2) for saying this end is the server.

Cheers,

HS



[continuum](#) 12,715 posts since

Dec 18, 2003 3. **Re: Named pipe option for adding Serial Port missing for Linux host** Jun 7, 2009 5:42 PM

in response to: [harshayes](#) no need to apologize

hey - if you work with features like this - use the vmx-file directly - then you can be sure that you get what you order



[VMX-parameters- VMware-liveCD - VM-Sickbay](#)



[harshayes](#) 5 posts since

May 31, 2009 4. **Re: Named pipe option for adding Serial Port missing for Linux host** Jun 7, 2009 6:12 PM

in response to: [continuum](#) Will keep that in mind ! Thanks.