

# Re: unable to assign a static ip to a intermediate miniport, WM 6.1

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*Source:*

<http://www.tech-archive.net/Archive/Development/microsoft.public.development.device.drivers/2008-10/msg00530.1>

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- *From:* "Pavel A." <pavel\_a@xxxxxxxxxxxxxxxxxx>
  - *Date:* Thu, 23 Oct 2008 12:24:12 +0200
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This newsgroup, unfortunately, doesn't deal with WinCE specific stuff. They have separate NGs, such as microsoft.public.pocketpc.developer.networking and microsoft.public.windowsce.\*

Regards,  
--PA

KM wrote:

Slight correction to my previous post, the dll name is the same for both the PASSTHRU and the PASSTHRU1 registry entries. My apologies for that.

"KM" wrote:

I am trying to assign a static ip to my Intermediate driver using the registry as shown below. My IM driver, which is based off the sample passthru code, only exposes the upper-edge functions to the NDIS and the does not have an interface to any underlying driver. I am reading data off a file and pumping it up the TCP/IP stack to the Apps. My driver gets loaded fine but when i try to bind to the 192.168.3.3, it errors out with the error code: 10049, cannot assign requested address, requested address is not valid in its context. GetAdaptersInfo() does not list my driver. I am not sure whether i am missing something in the registry.

```
-----  
; Tell NDIS about the PASSTHRU driver:  
[HKEY_LOCAL_MACHINE\Comm\PASSTHRU]  
"DisplayName"="VNIC Miniport Driver"  
"Group"="NDIS"  
"ImagePath"="flondis.dll"  
; "NoDeviceCreate"=dword:1  
  
[HKEY_LOCAL_MACHINE\Comm\PASSTHRU\Linkage]  
"Route"=multi_sz:"PASSTHRU1"  
  
[HKEY_LOCAL_MACHINE\Comm\PASSTHRU1]
```

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```
"DisplayName"="VNIC Miniport Driver"  
"Group"="NDIS"  
"ImagePath"="fndis.dll"
```

; Tell NDIS some required info about the PASSTHRU adapter instance:

```
[HKEY_LOCAL_MACHINE\Comm\PASSTHRU1\Parms]
```

```
"BusType"=dword:0  
"BusNumber"=dword:0  
"DisablePowerManagement"=dword:1
```

```
[HKEY_LOCAL_MACHINE\Comm\PASSTHRU1\Parms\TcpIp]
```

```
"EnableDHCP"=dword:0  
"DefaultGateway"=""  
"UseZeroBroadcast"=dword:0  
"IpAddress"="192.168.3.3"  
"Subnetmask"="255.255.255.0"
```

;Bind TCP/IP to the miniport instance

```
[HKEY_LOCAL_MACHINE\Comm\Tcpip\Linkage]
```

```
"Bind"=multi_sz:"PASSTHRU1"
```

Any input from you would be highly appreciated.

Thanks,