

Re: Multiple IPs on single NIC and multiple VLANs

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.networks/2008-04/msg00090>

- *From:* "Rodel Miguel" <rodel_miguel@xxxxxxxx>
 - *Date:* Tue, 8 Apr 2008 10:13:49 +0800
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Hi Sainath,

My setup is

- 1 computer 1 NIC
- 2 VLANs on the same NIC
- 1 IP address per VLAN via DHCP

Thanks for your help!

- Rodel

"Sainath , SMB KID" <SainathSMBKID@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:018FE67E-D062-493F-BB41-4A21F9496CE0@xxxxxxxxxxxxxxxxxxxxxxxx

Hi Rodel ,

can you please tell me about your set up .

As per my understanding

- a) computer having 2 NIC cards on single computer
- b) you have to connect these 2 NIC cards to different subnet range / 2 differnt switch port
- c) Configure DHCP server on both subnets , you problem resolve

or

- a) Single computer with 2 NIC cards,
- b) Need ip address from single DHCP server , if so you can create a Super scope where in it leases out logical ip address with in the single physical subnet.

just have a search on super scope and it will give your answer

Re: Multiple IPs on single NIC and multiple VLANs

Regards,
sai

"Rodel Miguel" wrote:

Hi Gurus,

I need your help in providing multiple IP addresses with a single NIC.
The IP addresses should be obtained dynamically (DHCP) but they would be obtained from different networks, e.g. two VLANs.

How should I do this? Should I create two instances of the same miniport driver? Or my driver should be able to handle packets from two different VLANs and then send it to the proper handler on the higher layers?

Please point me to the proper links if the solution is already available.

I'm sorry if this has been asked on this group before.

Thank you very much for your help!

Best Regards,
– Rodel Miguel