

Re: NDIS miniport Driver – packet re-ordering

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.development.device.drivers/2008-03/msg00309.1>

- *From:* "Paul_Simon" <Paul_Simon@xxxxxxxx>
 - *Date:* Fri, 14 Mar 2008 11:49:25 +0800
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I agree with GV that you don't need to reorder the packet.
But the question is why your packets not ordering? Is sender issue or receiver issue?
You might fail on WDK NDIS testing if your packets are not ordering.

"Gianluca Varenni" <gianluca.varenni@xxxxxxxxxxxxxxxxxxxx>

The IP protocol driver is responsible for reordering the packets. A miniport driver is just responsible for delivering packets to the upper layers as they are received, discarding packets with L2/physical errors (e.g. wrong FCS).

Hope it helps
GV

—

Gianluca Varenni, Windows DDK MVP

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"James Jin" <dosincerity@xxxxxxxx> wrote in message
news:ff32d982-5cff-4985-acb2-061cb4356e6e@xx

Hello,

I'm developing ndis-usb miniport driver.
If IP packet order was corrupted by any reason, Have to I re-order IP packet?

I've reviewed the TCP / IP Layer concepts in wikipedia.org.
The doc said that TCP layer re-ordered Packets.

NDIS miniport driver isn't TCP / IP layer, so don't have to re-order packet. right?

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Best regards.