

# Re: Jumbo Frames

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2006-09/msg00097.html>

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- *From:* "David" <ca29086b-2136927634@xxxxxxxxxxxxxxxxxx>
  - *Date:* Tue, 5 Sep 2006 20:06:17 -0700
- 

The NIC is supported (I can adjust Jumbo Frames from the NICs control panel). I have enabled it on the NIC, but it doesn't seem to be in effect when I ping localhost.

"Vincent Xu [MSFT]" <v-xuwen@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:Ry8XIzVOGHA.4280@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Hi David,

Thanks for posting.

First, Windows Server 2003 supports Jumbo Frame for sure but it also require NIC to support it. In other words, I'd like to suggest you check if the NIC in use is support Jumbo Frame and if it is enabled. Regarding this, please contact NIC manufacture for assistance.

Second, when you said Gear, you mean NIC or Switch? I ask this because when you ping localhost, it will go through local NIC but will not go through any switches.

More information:

<[http://download.microsoft.com/download/f/0/f/f0f28365-bd9a-4ff8-a5d4-fc0f94ae7371/TCPIP\\_2003.doc](http://download.microsoft.com/download/f/0/f/f0f28365-bd9a-4ff8-a5d4-fc0f94ae7371/TCPIP_2003.doc)>

Thanks.

Best regards,

Vincent Xu  
Microsoft Online Partner Support

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From: "David"  
<ca29086b-2136927634@xxxxxxxxxxxxxxxx>  
Subject: Jumbo Frames  
Date: Tue, 5 Sep 2006 15:33:13 -0700  
Lines: 9  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Newsreader: Microsoft Outlook Express 6.00.2900.2869  
X-MimeOLE: Produced By Microsoft MimeOLE  
V6.00.2900.2962  
X-RFC2646: Format=Flowed; Original  
Message-ID:  
<#RKJHtTOGHA.1256@xxxxxxxxxxxxxxxxxxxxxxxx>  
Newsgroups: microsoft.public.windows.server.networking  
NNTP-Posting-Host: 204.95.62.232  
Path:  
TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP01.phx.gbl!TK2MSFTNGP02.phx.gbl  
Xref: TK2MSFTNGXA01.phx.gbl

microsoft.public.windows.server.networking:42078

X-Tomcat-NG:  
microsoft.public.windows.server.networking

I'm trying to enable jumbo frames on our gear, but am having trouble verifying it. When I enable it on my w2k3 server and then ping localhost -f -l 9000 (or anything above 1492) I get a response that the packet needs to be fragmented. How can I verify that enabling Jumbo

Frames

has actually gone into effect on my local machine (before troubleshooting the switch)? Is it fair to assume that pinging localhost doesn't

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even

put

the bits on the wire, and eliminates the switch as a problem?