

AIX-L: Re: Load balancing on AIX system.

## Re: Load balancing on AIX system.

**Source:** <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2003-10/0368.html>

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*cbaker\_at\_GOODYEAR.COM*

**Date:** 10/30/03

Date: Thu, 30 Oct 2003 10:15:28 -0500  
To: aix-l@Princeton.EDU

NOTE: There is a regression in AIX 5.2 ML02 and AIX 5.2 ML01 with IY46313.  
These regressions cause problems with EtherChannel.

There is an e-Fix (48170) for this. Real fix (IY48170) due out soon.

Christopher M. Baker  
Senior Technical Support Analyst  
DSE/TCO  
Goodyear Tire and Rubber Company

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Raj Atwal  
<atwalrs@YAHOO.C To: aix-l@Princeton.EDU  
OM> cc: (bcc: Chris Baker/NA/GDYR)  
Sent by: IBM AIX Subject: Re: Load balancing on AIX system.  
Discussion List  
<aix-l@Princeton  
.EDU>

10/28/2003 08:58  
AM  
Please respond  
to IBM AIX  
Discussion List

Hi Kiran,

Question2: Yes, you do need a switch that supports EtherChannel. You will not be able to do it without one.

Kiran Maraju <kiran@ISAC.ERNET.IN> wrote:  
Hi there,

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Has anyone implemented load balancing on a AIX Host with specifying two default gateways of equal cost. though I have'nt managed to locate a configuration document as such.

i want to do balance the load of outgoing packets over more than one ethernet cards evenly.

could u tell me the way to do load balancing on AIX host connected to multi links.

i have 2 Questions 2 ask u.

Quest (1):

one adapter configured with IP ( 192.168.0.20 ) connected to one ISP (192.168.0.1)  
other adapter configured with IP address( 172.168.0.20) connected to different ISP{ 172.168.0.1} ,  
such that both adapters configured as a Etherchannel defined should distribute packets in equal order / Round Robin way .  
How to configure the above situation? any Idea?

Quest (2) :

Though, its possible to configure the above situation with "Etherchannel" setting "Mode" as a " round\_robin " mode . but, the adapters should be cabled with Etherchannel-enabled switch. Is this Etherchannel switch Required? can i configure without the switch ? i dont want to put a switch after etherchannel ?  
how to handle this case to get efficient usage of bandwidth ?

Regards,

Kiran Maraju

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