

## Re: ping question

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2005-02/2663.html>

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**From:** Loren M. Lang ([lorenl\\_at\\_alzatec.com](mailto:lorenl_at_alzatec.com))

**Date:** 02/16/05

Date: Wed, 16 Feb 2005 03:43:03 -0800

To: ann kok <[annkok2001@yahoo.com](mailto:annkok2001@yahoo.com)>

On Tue, Feb 15, 2005 at 08:56:49AM -0800, ann kok wrote:

> *Hi Loren*

>

> *Thank you for your mail again*

>

> *For the monitor software iptraf, I can't get it in*

> *the port. Why freebsd doesn't support it!*

> *I tried to install in freebsd from the tarball and got*

> *an error messages!*

Well, the program seems to be heavily based on the low-level network interface that linux uses and will require a little bit of effort to port to freebsd. I use it on one of my linux routers. I don't think I have the time at the moment to port it, but maybe this program might be interesting enough to someone else on this list for them to take the time. I can update you if I am able to get anything working if you want.

>

> *I need sth to prove the traffic to those routers from*

> *outside.*

>

> *Do you have experience the max traffic freebsd can*

> *support? It seems to support max 230M only!*

If you have a computer on both sides of the router then you can run a timed test to see how fast the traffic is. My ISP runs redhat and gave me a shell account to use. The following can be a useful test:

```
time ssh remote-system dd if=/dev/zero bs=1M count=10 > /dev/null
```

That will tell you the time to send 10 megs of data from a remote computer to the one your running it on. Make sure you read the real time, not user or system. This doesn't take into account other traffic at the same time, but if it's just occasional webpage access, it may not be a big deal. Now this may not be too accurate, I don't know how much bigger the data gets by doing encryption, so a ftp transfer would

probably be better.

>  
> *Thank you*  
>  
>  
> --- "Loren M. Lang" <lorenl@alzatex.com> wrote:  
>  
>> *On Mon, Feb 14, 2005 at 11:21:03AM -0800, ann kok*  
>> *wrote:*  
>>> *Hi all*  
>>>  
>>> *Thank you very much for your help*  
>>>  
>>> *The freebsd router is behind the cisco router.*  
>>>  
>>> *Do you have any experience to determine the*  
>> *traffic is*  
>>> *in freebsd and cisco from outside?*  
>>>  
>>> *Can traceroute give figure to prove it?*  
>>  
>> *I'm not quite sure if I understand what you're*  
>> *asking, but if you want*  
>> *to see what traffic is going into/out of/through*  
>> *them, tcpdump is a good*  
>> *command-line based packet sniffer and ethereal is*  
>> *it's gui cousin. You*  
>> *can even use tcpdump to capture data and later view*  
>> *it on a different*  
>> *computer with ethereal. iptraf will show you*  
>> *general usage of the*  
>> *traffic crossing your router. If your asking to see*  
>> *what path the*  
>> *traffic is taking from point A to point B, then*  
>> *traceroute is your best*  
>> *friend.*  
>>  
>>>  
>>> *Please help*  
>>>  
>>> *Thank you again*  
>>>  
>>> --- "Loren M. Lang" <lorenl@alzatex.com> wrote:  
>>>  
>>>> *On Sat, Feb 12, 2005 at 08:50:32AM -0800, ann*  
>> *kok*  
>>>> *wrote:*  
>>>>> *Hi all*  
>>>>>  
>>>>> *I ping from redhat to cisco router and freebsd*

freebsd-questions: Re: ping question

> > > > router  
> > > > but I don't understand ttl (time to live)  
> > > >  
> > > > Cisco router has ttl=251 and freebsd router  
> > has 58  
> > > > Does it set by the router itself?  
> > > > Can I change it in freebsd?  
> > > >  
> > > > FreeBSD's default ttl, I believe, is 64, Cisco's  
> > is  
> > > > probably 255. As  
> > > > long as the number of hops necessary to get to  
> > a  
> > > > certain computer is  
> > > > never more than 64, there's nothing wrong with  
> > it.  
> > > > The highest I've  
> > > > seen is about 30 and the Internet is going to  
> > have  
> > > > to grow a bit, I  
> > > > think, before it's an issue.  
> > > >  
> > > >  
> > > > Thank you  
> > > >  
> > > > 64 bytes from 212.223.x.193: icmp\_seq=1151  
> > ttl=251  
> > > > time=100 ms  
> > > > 64 bytes from 212.223.x.193: icmp\_seq=1152  
> > ttl=251  
> > > > time=103 ms  
> > > > 64 bytes from 212.223.x.193: icmp\_seq=1153  
> > ttl=251  
> > > > time=104 ms  
> > > > 64 bytes from 212.223.x.193: icmp\_seq=1154  
> > ttl=251  
> > > > time=106 ms  
> > > >  
> > > > 64 bytes from 212.x.254.4: icmp\_seq=1182  
> > ttl=58  
> > > > time=105 ms  
> > > > 64 bytes from 212.x.254.4: icmp\_seq=1183  
> > ttl=58  
> > > > time=105 ms  
> > > > 64 bytes from 212.x.254.4: icmp\_seq=1184  
> > ttl=58  
> > > > time=104 ms  
> > > > 64 bytes from 212.x.254.4: icmp\_seq=1185  
> > ttl=58  
> > > > time=108 ms  
> > > >

Re: ping question

freebsd-questions: Re: ping question

>>>>>  
>> \_\_\_\_\_  
>>>>> *Do You Yahoo!?*  
>>>>> *Tired of spam? Yahoo! Mail has the best spam*  
>>>>> *protection around*  
>>>>> <http://mail.yahoo.com>  
>>>>>  
>> \_\_\_\_\_  
>>>>> *freebsd-questions@freebsd.org mailing list*  
>>>>>  
>>>>>  
>>>>>  
>>>>>  
>>>>> <http://lists.freebsd.org/mailman/listinfo/freebsd-questions>  
>>>>> *To unsubscribe, send any mail to*  
>>>>> *"freebsd-questions-unsubscribe@freebsd.org"*  
>>>>>  
>>>>> --  
>>>>> *I sense much NT in you.*  
>>>>> *NT leads to Bluescreen.*  
>>>>> *Bluescreen leads to downtime.*  
>>>>> *Downtime leads to suffering.*  
>>>>> *NT is the path to the darkside.*  
>>>>> *Powerful Unix is.*  
>>>>>  
>>>>> *Public Key:*  
>>>>> [ftp://ftp.tallye.com/pub/lorenl\\_pubkey.asc](ftp://ftp.tallye.com/pub/lorenl_pubkey.asc)  
>>>>> *Fingerprint: B3B9 D669 69C9 09EC 1BCD 835A FAF3*  
>>>>> *7A46 E4A3 280C*  
>>>>>  
>>>>> \_\_\_\_\_  
>>>>> *freebsd-questions@freebsd.org mailing list*  
>>>>>  
>>>>>  
>>>>>  
>>>>> <http://lists.freebsd.org/mailman/listinfo/freebsd-questions>  
>>>>> *To unsubscribe, send any mail to*  
>>>>> *"freebsd-questions-unsubscribe@freebsd.org"*  
>>>>>  
>>>>>  
>>>>> \_\_\_\_\_  
>>>>> *Do You Yahoo!?*  
>>>>> *Tired of spam? Yahoo! Mail has the best spam*  
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freebsd-questions: Re: ping question

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> > *7A46 E4A3 280C*  
> >  
> >  
>  
>  
>  
>  
>  
>  
>  
> \_\_\_\_\_  
> *Do you Yahoo!?*  
> *Yahoo! Mail – Find what you need with new enhanced search.*  
> [http://info.mail.yahoo.com/mail\\_250](http://info.mail.yahoo.com/mail_250)

--  
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Fingerprint: B3B9 D669 69C9 09EC 1BCD 835A FAF3 7A46 E4A3 280C

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