

Re: PPPoE

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- *From:* ovidiu <ovidie@xxxxxxxxxxx>
 - *Date:* Sun, 16 Apr 2006 12:57:08 +0300
-

Farhad wrote:

-----Original Message-----

From: Farhad [<mailto:farhad.i@xxxxxxxxxxx>] Sent: Sunday, April 16, 2006 12:53 AM
To: 'Alen Sarkinovic'
Subject: RE: PPPoE

I have same processor type processor and ram and FreeBSD 5.4
I have simultaneous connections about 150 then when I press command ps aux I
see 10 session of

```
/usr/libexec/pppoed -P /var/run/pppoed.pid -l pppoe-in -c 10 -p "*" em0  
/usr/libexec/pppoed -P /var/run/pppoed.pid -l pppoe-in -c 10 -p "*" em0  
/usr/libexec/pppoed -P /var/run/pppoed.pid -l pppoe-in -c 10 -p "*" em0  
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/usr/libexec/pppoed -P /var/run/pppoed.pid -l pppoe-in -c 10 -p "*" em0  
/usr/libexec/pppoed -P /var/run/pppoed.pid -l pppoe-in -c 10 -p "*" em0
```

And then this sessions are killed

What kind of billing system did you use ?

Ps I give my kernel & ppp config

Please help me

-----Original Message-----

From: owner-freebsd-isp@xxxxxxxxxxx [<mailto:owner-freebsd-isp@xxxxxxxxxxx>]
On Behalf Of Alen Sarkinovic
Sent: Sunday, April 16, 2006 12:18 AM
To: Farhad
Cc: freebsd-isp@xxxxxxxxxxx
Subject: Re: PPPoE

I'm running FreeBSD 5.4 on HP DL380 2xXeon 3.2GHz with 2GB DDR2 with 600
users simultaneous connections and traffic in/out about 20Mb on Ethernet GB

Re: PPPoE

card.

Load averages: 4.54 max in peak time.

Regarding my privies experience with slower machine system can handle all request without any problems with max load avr: 12.00

----- Original Message ----- From: "Farhad" <farhad.i@xxxxxxxxxxx>
To: <freebsd-isp@xxxxxxxxxxx>
Sent: Saturday, April 15, 2006 7:59 PM
Subject: PPPoE

How many simulative session can support PPPoE server.

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I see you are using pppoe. I've used pppoe in the past but had problems with high CPU usage, so I've switched to mpd wich works fine.

Using mpd I still had problems with number of connections, it seems to be a limit at 130 connections, so I've increased values for the following sysctl variables:

net.graph.maxalloc=1024
net.graph.maxdgram=64000
net.graph.recvspace=64000

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I don't know if this apply to pppoed, maybe other sysctl variable must modified.

Also, I had another issues with pppoed. Sometimes when a windows client is broken, and a user tries to connect it crash the server.

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