

Tuesday, June 11, 2013

How to : Compile mod_cband module for Apache 2.4.x on Centos 6.3/Fedora /Redhat 6

How to Compile mod_cband module for Apache 2.4.3 on Centos 6.3/ Redhat/ Fedora/ Ubuntu 12.04

mod_cband is an Apache 2 module that solves the problem of limiting the bandwidth usage of users, virtual hosts, and destinations.

INSTALLATION

Prerequisites

Apache 2.0.54 or above Apache 2.4.3- <http://www.apache.org/>

Other versions may work but have not been tested

I Have tested on Apache 2.4.3

Building

If you have got the apxs/apxs2 (Apache eXtenSion tool) tool installed, write the following commands to build module:

```
$ wget http://pkgs.fedoraproject.org/repo/pkgs/mod_cband/mod-cband-0.9.7.4.tgz/ff635d7b55bf7ca648d319247dfb45e3/mod-cband-0.9.7.4.tgz
$ tar xzvf mod-cband-0.9.7.4.tgz
$ cd mod-cband-0.9.7.4
$ ./configure
$ make
$ make install
```

Note : Above Source code having error for Apache 2.4.x version

Error : if You got the error Like this while executing make.

```
apxs -Wc,-Wall -Wc,-DDST_CLASS=3 -c src/mod_cband.c
/usr/local/apr/build-1/libtool --silent --mode=compile gcc -std=gnu99 -prefer-pic -DLINUX=2 -D_REENTRANT -D_GNU_SOURCE -g -O2 -pthread -I/usr/local/apache/include -I/usr/local/apr/include/apr-1 -I/usr/local/apr/include/apr-1 -Wall -DDST_CLASS=3 -c -o src/mod_cband.lo src/mod_cband.c && touch src/mod_cband.slo
src/mod_cband.c: In function 'mod_cband_create_traffic_size':
src/mod_cband.c:1046: warning: comparison with string literal results in unspecified behavior
src/mod_cband.c:1046: warning: comparison with string literal results in unspecified behavior
src/mod_cband.c:1050: warning: comparison with string literal results in unspecified behavior
src/mod_cband.c:1050: warning: comparison with string literal results in unspecified behavior
src/mod_cband.c: In function 'mod_cband_get_dst':
src/mod_cband.c:1325: error: 'conn_rec' has no member named 'remote_ip'
src/mod_cband.c: In function 'mod_cband_get_remote_host':
src/mod_cband.c:1354: error: 'struct conn_rec' has no member named 'remote_ip'
src/mod_cband.c:1355: error: 'struct conn_rec' has no member named 'remote_ip'
src/mod_cband.c:1357: error: 'struct conn_rec' has no member named 'remote_addr'
apxs:Error: Command failed with rc=65536
.
make: *** [src/.libs/mod_cband.so] Error 1
```

On Source Directory

```
[root@netwrkspider mod-cband-0.9.7.4]# ls
AUTHORS  conf      config.status  doc      libpatricia.copyright  Makefile  src
Changes  config.log  configure      INSTALL  LICENSE               Makefile.in
```

open c program file under src folder .

```
[root@netwrkspider src]# vim mod_cband.c
```

On c code

1) change variable name remote_ip" to "client_ip"

2) Search & change the given below line.

```
else
    addr = c->remote_addr->sa.sin.sin_addr.s_addr;
to
    else
    addr = c->client_addr->sa.sin.sin_addr.s_addr;
```

Save & exit .

netwrkspider!!



Track Me!

Security News

The State Bank of Vietnam Suspends Import of Crypto Mining Hardware - 19/07/2018

Facial recognition helped identify suspects in Novichok poisoning case - 19/07/2018

DOJ drops massive report on its efforts to protect U.S. from cyberattacks - 19/07/2018

HSBC Global Head of Digital Says the Bank Is 'Cautiously Looking' at Crypto Investment - 19/07/2018

Chinese hackers struck days before Helsinki summit - 19/07/2018

Latest Vulnerabilities

[dos] TP-Link TL-WR840N - Denial of Service - 19/07/2018

[webapps] Touchpad / Trivium WebTouch Setup 2.53 build 13163 - Authentication Bypass - 19/07/2018

[webapps] MSVOD 10 - 'cid' SQL Injection - 19/07/2018

[dos] Google Chrome - SwiftShader OpenGL Texture Bindings Reference Count Leak - 18/07/2018

[dos] Google Chrome - Swiftshader Blitting Floating-Point Precision Errors - 18/07/2018

Threats

Trojan.Zacinfo!dam - 19/07/2018

Trojan.Zacinfo!gen5 - 18/07/2018

SONAR.SuspLaunch!g21 - 17/07/2018

Trojan.Zacinfo!gen3 - 17/07/2018

Trojan.Zacinfo!gen4 - 17/07/2018

Now try to compile program from mod_cband root directory.

make
make install

Enjoy

Note : API Changes in Apache HTTP Server 2.4 since 2.2
http://httpd.apache.org/docs/2.4/developer/new_api_2_4.html

Code Changes Details :

```
01. --- mod-cband-0.9.6.1/src/mod_cband.c      2006-01-21 20:23:27.000000000 -0500
02. +++ mod-cband-0.9.6.1-cov//src/mod_cband.c      2012-02-22 19:23:04.162307962 -0500
03. @@ -1278,7 +1278,7 @@
04.     p.bitlen = 32;
05.     p.ref_count = 0;
06.     p.family = AF_INET;
07. -    p.add.sin_s_addr = inet_addr(r->connection->remote_ip);
08. +    p.add.sin_s_addr = inet_addr(r->connection->client_ip);
09.
10.     node = patricia_search_best(config->tree, &p);
11.
12. @@ -1287,7 +1287,7 @@
13.
14.     if (leaf) {
15.         #ifdef DEBUG
16. -            fprintf(stderr, "%s leaf %s\n", r->connection->remote_ip, leaf);
17. +            fprintf(stderr, "%s leaf %s\n", r->connection->client_ip, leaf);
18.             fflush(stderr);
19.         #endif
20.         return atoi(leaf);
21. @@ -1307,10 +1307,10 @@
22.         if (entry == NULL)
23.             return -1;
24.
25. -    if (c->remote_ip != NULL)
26. -        addr = inet_addr(c->remote_ip);
27. +    if (c->client_ip != NULL)
28. +        addr = inet_addr(c->client_ip);
29.     else
30. -        addr = c->remote_addr->sa.sin.sin_addr.s_addr;
31. +        addr = c->client_addr->sa.sin.sin_addr.s_addr;
32.
33.     time_now = apr_time_now();
34.     hosts = config->remote_hosts.hosts;
```

Posted by netwrkspider at 2:21 AM
Labels: Apache Servers, WEB SERVER TECHNOLOGY

2 comments:

- 

crazeeyez said...

Thanks! This was a really helpful guide. It also works on Ubuntu 14.04 LTS.

Could do without the page music, though. It's 2016...

July 9, 2016 at 10:18 PM
- 

Unknown said...

Thanks you so much! like crazeeyez sayed this is very very usefull and this is work for ubuntu 16.04 too

November 22, 2016 at 3:10 AM
- Post a Comment

Newer Post

Home

Older Post

Subscribe to: [Post Comments \(Atom\)](#)

Subscribe

-  Posts 
-  Comments 

Live Map



netwrkspider DATABASE

Apache Servers (4)

c (2)

c++ codes (2)

Centos (3)

Credit Card (1)

DNS hacks (1)

DOS (2)

dovecot (1)

E-MAIL SECURITY (3)

FACEBOOK HACKS (1)

Fedora Linux (1)

FTP HACKS (3)

google hack (4)

HA-Servers (2)

HACK CAMERAS (2)

Heartbleed (3)

IMAP (1)

INTERNET HACKING (5)

IRC HACK (1)

JAVA6 (1)

kali linux (2)

Lampp Server (4)

Linux SheLL Code (3)

Linux Vulnerabilities (1)

mailserver (1)

Mobile FTP Hack (1)

Mobile Hacking (2)

Mysql server (2)

NETWORK MONITOR (1)

Netwrkspider Tutorial (2)

netwrkspider.co.cc (1)

openssl (2)

Openssl Security (2)
OpenSuse Linux (4)
Phishing (1)
POP3 (1)
privacy attack (2)
proxy (6)
REDHAT LINUX (6)
script hacking (1)
security (4)
Server Security (3)
SIP Phone (1)
SSH Security. Openssh (2)
SSLv3 (2)
tor network (1)
TRACING (1)
Ubuntu 12.04 LTS (4)
ubuntu 16.04 LTS (1)
UBUNTU LINUX (19)
USB HACKS (4)
VISA (1)
VOIP HACKS (2)
Web Hacking (2)
WEB SERVER TECHNOLOGY (10)
WEP CRACKING (1)
wifi hacking (1)
windows server 2008 (7)
Windows Shell codE (1)
windows tips and tricks (6)
wireless security (1)
WPA/WEP TECHNOLOGY (3)
www.netwrkspider.co.cc (1)
www.netwrkspider.tk (1)

PS4 Games

xmusix

