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FreeBSD: Apache httpready filter – Failed to enable the 'httpready' Accept Filter

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Q. I've installed Apache 2.2 from FreeBSD 7.0 ports and when I try to start I get following warning on screen: [1]

> Performing sanity check on apache22 configuration:
> Syntax OK
> Starting apache22.
> [Wed Sep 17 22:01:58 2008] **[warn] (2)No such file or directory: Failed to enable the 'httpready' Accept Filter**

How do I fix this error?

A. FreeBSD has special driver called accf_http. It will buffer incoming connections until a certain complete HTTP requests arrive to speed up and optimize performance. [2]

The utility of accf_http is such that a server will not have to context switch several times before performing the initial parsing of the request. This effectively reduces the amount of required CPU utilization to handle incoming requests by keeping active processes in preforking servers such as Apache low and reducing the size of the file descriptor set that needs to be managed by interfaces such as select(), poll() or kevent() based servers.

Just open shell prompt and type the following command to load accf_http under FreeBSD [3] :

```
# kldload accf_http
```

Restart apache:

```
# /usr/local/etc/rc.d/apache22 restart
```

Update /boot/loader.conf file

Type the following command so that driver get loaded at the time of booting system:

```
# echo 'accf_http_load="YES"' >> /boot/loader.conf
```

A note about FreeBSD jails (vps)

Under jail you cannot load this module. It needs to be loaded from host using above command.

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URLs in this post:

[1] Image: **http://www.cyberciti.biz/faq/category/freebsd/**
[2] Image: **http://www.cyberciti.biz/faq/category/apache/**
[3] load accf_http under FreeBSD: **http://www.cyberciti.biz/tips/freebsd-how-to-load-device-driver-module-in-kernel.html**

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