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## FreeBSD Install Nginx Webserver

Posted by Vivek Gite <vivek@nixcraft.com>

Q. How do I install Nginix websever under FreeBSD operating systems?



A. nginx [engine x] is a HTTP server, reverse proxy and mail proxy server written by Igor Sysoev. It is a lightweight web server, licensed under a BSD-like license. It the fifth most popular web server.



## **Update FreeBSD Ports Tree**

Type the following command to <u>update FreeBSD tree</u> [4], enter:

```
# portsnap fetch update
```

## FreeBSD Install Nginx Web Server

Type the following command to install Nginx web server:

```
# cd /usr/ports/www/nginx
# make install clean
```

```
Options for nginx 0.6.32
                          Enable nginx debugging
                          Enable google perftools mo
                          Enable HTTP module
                          Enable http addition modul
                          Enable http webdav module
                          Enable http_flv module
                          Enable http_perl module
                          Enable http realip module
                          Enable http_rewrite module
                          Enable http_ssl module
                          Enable http stub status mo
[X]
                          Enable http sub module
                          Enable IMAP4/POP3/SMTP pro
                          Enable IMAP4 proxy module
     IL POP3 MODULE
                          Enable POP3 proxy module
                       OK
                                    Cancel
```

[5]

Fig.01: FreeBSD Nginx Web Server Installation Options

Make sure you select important option such as REWRITE\_MODULE, SSL\_MODULE and others as per your requirements.

#### Turn on Nginx Webserver

Type the following command to turn on Nginx server

echo 'nginx\_enable="YES"' >> /etc/rc.conf

#### To start Nginx, enter:

# /usr/local/etc/rc.d/nginx start

### Important Information about Nginx Webserver

- Nginx Default configuration file: /usr/local/etc/nginx/nginx.conf
- Nginx Default http / https port: 80 / 443
- Nginx Default error log file: /var/log/nginx-error.log
- Nginx Default access log file: /var/log/nginx-access.log
- Nginx Default DocumentRoot: /usr/local/www/nginx/

Continue reading rest of the Nginx Webserver Tutorial series (TOC):

- 1. FreeBSD Install Nginx Webserver
- 2. FreeBSD: Start / Stop / Restart Nginx Web Server [1]
- 3. FreeBSD: Nginx FastCGI PHP Configuration [6]
- 4. FreeBSD: Nginx Virtual Hosting Configuration [7]

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