

# How to configure additional modules to nginx after installation?

Asked 12 years ago   Modified 4 years, 6 months ago   Viewed 126k times

▲  
**64** I have installed Nginx in our redhat machine using rpm. Now we want to add nginx-rtmp module, but in order to add new module as per the document i need to build it by downloading the tar ball. Does it mean that i have to remove the rpm and install it as per the document.

▼  
Ref: <https://github.com/arut/nginx-rtmp-module/wiki/Getting-started-with-nginx-rtmp>



```
./configure --add-module=/usr/build/nginx-rtmp-module  
make  
make install
```

nginx

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asked Apr 17, 2013 at 1:04



[user1595858](#)

3,890 ● 17 ● 72 ● 111

## 5 Answers

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▲  
**45** With nginx 1.9.11, it's not necessary to recompile the server, as they added support for dynamic modules. Take a look here: <https://www.nginx.com/blog/dynamic-modules-nginx-1-9-11/>

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answered Jun 8, 2016 at 16:12



[jekennedy](#)

1,272 ● 11 ● 17



- 1 "In the first release of dynamic modules, you still need to compile the optional NGINX modules at the same time as the NGINX binary" from the source you quoted. – [Leia](#) Jan 9, 2017 at 20:13
- 3 @Leia sure but if you get nginx from a repository, you can also pull binaries of the optional modules from the same repository, as long as whomever maintains the repository builds them together. – [Barry Kelly](#) Aug 9, 2017 at 16:11



Unlike Apache, all modules, including the 3rd party modules, are going to be compiled into nginx. So every time you want to add a new module, you have to recompile nginx.

41



So yes, you have to install it as per the document. There is no much value of keeping 2 nginx runtimes on the same server any way. So you may also want to remove the previous nginx.



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answered Apr 17, 2013 at 2:37



**Chuan Ma**

9,924 ● 2 ● 48 ● 37



Does rpm comes with all the third party modules? For example we are able to configure secure download module with out any compiling or rebuild. Do you think rtmp is included in the nginx rpm? – [user1595858](#) Apr 17, 2013 at 21:04

Don't think so. Check [wiki.nginx.org/Modules](http://wiki.nginx.org/Modules) for the list of modules included in nginx distribution. – [Chuan Ma](#) Apr 17, 2013 at 21:57

- 1 Do I have to register nginx as a service manually after `make install` ? It also does seem like the config is no longer done through sites-available and sites-enabled but in one large config file under `path/nginx/conf/nginx.conf` . – [atripes](#) Feb 10, 2014 at 13:17

Chuan Ma, could you edit your answer like atrioom's question? – [user1767754](#) Jan 11, 2015 at 23:04

- 3 I have installed it using `sudo apt-get install` , what should I do ? – [Luv33preet](#) Apr 4, 2017 at 10:38



I had a similar problem where the auth-pam module broke after an upgrade. Here's what fixed it for me (debian stretch/sid, nginx 1.10.2):

7



```
apt install libnginx-mod-http-auth-pam
ln -s /usr/share/nginx/modules-available/mod-http-auth-pam.conf /etc/nginx/modules-enabled/50-mod-http-auth-pam.conf
```



The config file contains a single “load\_module” directive which tells nginx to dynamically load the module on startup. As [jekennedy](#) mentioned, this would only apply to newer versions of nginx that support dynamic module loading.

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edited May 23, 2017 at 12:18

answered Nov 30, 2016 at 20:57



**Community Bot**

1 ● 1



**campkeith**

682 ● 8 ● 10



Following the steps in this post from the nginx blog page called "[Compilation of Dynamic Modules for NGINX Plus](#)", i could compiled the RTMP module, downloading the `nginx-rtmp-module` from [Github](#) and import it on my webserver.

3



Regards.



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answered Mar 9, 2017 at 8:06



[isccarrasco](#)

163 ● 1 ● 14



3

Yes, you have to uninstall nginx (installed via rpm) and re-install it according to the mentioned document that is from source file. There are some disadvantages of installing nginx using source, like you cannot use nginx as a service. [Here](#), you can find instructions to do same thing with all the functionalities you get while installing nginx using OS-respective packages.



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edited Oct 7, 2020 at 16:38

answered May 3, 2016 at 12:09



[Rohini Choudhary](#)

2,473 ● 2 ● 23 ● 31

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