

How to set the allowed url length for a nginx request (error code: 414, uri too large)

Asked 15 years, 8 months ago Modified 3 years ago Viewed 191k times



I am using Nginx in front of 10 mongrels.

100

When I make a request with size larger then 2900 I get back an:



error code 414: uri too large



Does anyone know the setting in the nginx configuration file which determines the allowed uri length ?



nginx

webserver

http-request

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edited Feb 15, 2017 at 13:53



Roald Nefs

1,412 ● 12 ● 30

asked Jul 1, 2009 at 4:59



Prakash Raman

13.9k ● 29 ● 87 ● 137

3 Answers

Sorted by:

Highest score (default)



From: http://nginx.org/r/large_client_header_buffers



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ze ;

ed for reading large client request
e buffer, or the 414 (Request-URI
header field cannot exceed the size
or is returned to the client. Buffers are
e is equal to 8K bytes. If after the
hed into the keep-alive state, these

that line to something bigger for your

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edited Jun 20, 2020 at 9:12

answered Jul 1, 2009 at 5:46



Community Bot 1 ● 1



Stobor 45.1k ● 6 ● 68 ● 69

- 2 Thanks @VBart - back when I answered this the wiki was the only docs, so I didn't realise they had added an "official" documentation section. – Stobor Feb 25, 2014 at 6:17
- 1 Thanks @talsibony - that was a direct copy/paste from the documentation over 7 years ago, it looks like they've updated it since then. I'll update it here... – Stobor Dec 16, 2016 at 1:45
- 4 It resolved 414 error but now nginx gives 502 - Bad Gateway error. – Sohel Pathan Dec 27, 2019 at 12:41
- 1 I m not sure what file should have that configuration, does anyone knows? – Guido Sep 15, 2020 at 21:08
- 1 thanks yes I got it on /etc/nginx/nginx.conf thanks – Guido Sep 15, 2020 at 22:56



For anyone having issues with this on <https://forge.laravel.com>, I managed to get this to work using a compilation of SO answers;

19

You will need the sudo password.



```
sudo nano /etc/nginx/conf.d/uploads.conf
```



Replace contents with the following;

```
fastcgi_buffers 8 16k;
fastcgi_buffer_size 32k;

client_max_body_size 24M;
client_body_buffer_size 128k;
```

answered Jan 18, 2019 at 16:12



Luke Snowden 4,196 ● 2 ● 40 ● 73



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s via forge which means you can add it straight Snowden Sep 24, 2019 at 10:29

se header from upstream



In order to fix it I've changed



```
server {  
    ....  
    proxy_buffers    4 32k;  
    proxy_buffer_size 32k;  
    ...  
}
```

For more information you can visit [nginx-doc](#)

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answered Feb 23, 2022 at 13:30



[ciostek223](#)

716 ● 6 ● 6



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