

Maximum request length exceeded.

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I am getting the error **Maximum request length exceeded** when I am trying to upload a video in my site.

948

How do I fix this?

[asp.net](#)[iis](#)[file-upload](#)

254

edited Nov 20 '17 at 17:29



[Neeraj Kumar](#)

2,008 1 18 30

asked Oct 4 '10 at 8:48



[Surya sasidhar](#)

11.1k 52 122 206

14 Answers



1801

If you are using IIS for hosting your application, then the default upload file size is 4MB. To increase it, please use this below section in your web.config -



```
<configuration>
  <system.web>
    <httpRuntime maxRequestLength="1048576" />
  </system.web>
</configuration>
```

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```
<system.webServer>
  <security>
    <requestFiltering>
      <requestLimits maxAllowedContentLength="1073741824" />
    </requestFiltering>
  </security>
</system.webServer>
```

Note:

- `maxRequestLength` is measured in **kilobytes**
- `maxAllowedContentLength` is measured in **bytes**

which is why the values differ in this config example.
(Both are equivalent to 1 GB)

edited Apr 2 '18 at 18:50



Ian Boyd

123k 192 697 1018

answered Oct 4 '10 at 8:52




Sachin Shanbhag

44.4k 9 74 96

-
- 7 Thank you sachin and i added some thing like `<httpRuntime maxRequestLength="32768" executionTimeout="180" />` – [Surya sasihdar](#) Oct 4 '10 at 9:04
-
- 11 `maxAllowedContentLength` must be in bytes, not kilobytes, so the examples provided are not equivalent. – [Matthew Sharpe](#) May 18 '12 at 16:13
-
- 31 With both IIS 7.5 and VS RC 2012 IIS Express I had to set BOTH of these. The `httpRuntime` one configures ASP.NET's max length while `requestLimits` configures IIS's max length, stackoverflow.com/questions/6327452/... and forums.iis.net/t/1169846.aspx – [Despertar](#) Aug 6 '12 at 8:21
-

are not the same measurement unit. – [Pandincus](#) Oct 10 '12 at 18:59

-
- 11 Make sure that you're adding this setting to the main `Web.config` instead of the one inside the `Views` folder – [Serj Sagan](#) Mar 4 '13 at 15:29 
-



522



I don't think it's been mentioned here, but to get this working, I had to supply both of these values in the `web.config`:

In `system.web`

```
<httpRuntime maxRequestLength="1048576" executionTimeout="
```

And in `system.webServer`

```
<security>
  <requestFiltering>
    <requestLimits maxAllowedContentLength="1073741824
  </requestFiltering>
</security>
```

IMPORTANT : Both of these values must match. In this case, my max upload is 1024 megabytes.

`maxRequestLength` has *1048576 KILOBYTES*, and `maxAllowedContentLength` has *1073741824 BYTES*.

I know it's obvious, but it's easy to overlook.

edited Oct 18 '14 at 20:32



[Amirhossein Mehrvarzi](#)

7,385 4 30 53



5,815 3 17 21

-
- 5 To any it may concern: This answer also works perfectly for IIS-Express (asp.net-webpages with WebMatrix) – [VoidKing](#) Mar 1 '13 at 21:36
-
- 5 Yes, this is answer that worked for me instead of Sachin's answer. It works on Azure too. – [Gautam Jain](#) Mar 21 '13 at 10:00
-
- 4 This is definitely the correct answer... both entries must be present. In case of MVC 3, it can be in the project root web.config file. – [Miguel Angelo](#) Jun 3 '13 at 22:05
-
- 2 another important thing is the 'executionTimeout' which Karl mentions – [Muhammad Amin](#) Aug 20 '13 at 14:22
-
- 25 I had to combine this with an existing line for: <httpRuntime targetFramework="4.5" maxRequestLength="1048576" executionTimeout="3600" /> – [Ken Mc](#) Nov 20 '13 at 0:53
-



181

It may be worth noting that you may want to limit this change to the URL you expect to be used for the upload rather than your entire site.



```
<location path="Documents/Upload">
  <system.web>
    <!-- 50MB in kilobytes, default is 4096 or 4MB-->
    <httpRuntime maxRequestLength="51200" />
  </system.web>
  <system.webServer>
    <security>
      <requestFiltering>
        <!-- 50MB in bytes, default is 30000000 or approx.
        <requestLimits maxAllowedContentLength="52428800" ,
      </requestFiltering>
    </security>
  </system.webServer>
```

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edited May 13 '13 at 15:30

answered May 6 '13 at 16:57

**Nick Albrecht****11.5k** 8 54 89

Nice Solution thinking about the location. But is there a location path when working with MVC (and therefore working with routes)? – [Luuk Krijnen](#) Aug 6 '14 at 14:02

- 1 It would be a URL corresponding to the route that you have your upload action set to. In my case, I have a Documents controller with an action called Upload that I post the form to. In your case it would be whatever the url to your action would be. – [Nick Albrecht](#) Aug 6 '14 at 16:17

For anyone who likes this answer, [see this](#). – [DontVoteMeDown](#) Jan 7 '15 at 11:44

- 2 Dude you rock. Sorry, but my tiny little up vote wasn't enough. – [Nicholas Petersen](#) Oct 29 '17 at 5:24
- 1 This will work with WebAPI for up to and including MVC v5. Once you hit ASP.NET Core with MVC Core, then there are different options you should set for Kestrel. – [Nick Albrecht](#) Sep 5 '18 at 1:03

**39**

And just in case someone's looking for a way to handle this exception and show a meaningful explanation to the user (something like "You're uploading a file that is too big"):



```
//Global.asax
private void Application_Error(object sender, EventArgs e)
```

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```

if(httpException == null) return;

if(httpException.WebEventCode == WebEventCodes.RuntimeError)
{
    //handle the error
    Response.Write("Too big a file, dude"); //for example
}
}

```

(ASP.NET 4 or later required)

edited May 23 '15 at 20:03

answered May 23 '15 at 19:58



Serge Shultz

4,590 2 21 15

- 1 maxAllowedContentLength should be higher than (maxRequestLength * 1024) for the exception generation. – [Der_Meister](#) Jan 19 '16 at 4:50

This post gave me what I needed to warn the user but `HttpContext.Current.ClearError()` was needed to allow the `Response.Redirect()` to work properly. In terms of `web.config` it works just with the `maxRequestLength` attribute of `httpRuntime`. – [nrod](#) Nov 28 '18 at 17:12

File size validation and user-friendly message can be done via JS at the page level using an `onchange` event on the upload button and comparing the upload file size with the max upload limit. – [Alfred Wallace](#) Mar 28 at 3:22



The maximum request size is, by default, 4mb (4096 KB)

This is explained here:

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The above article also explains how to fix this issue :)

edited Apr 25 '13 at 10:28

answered Oct 4 '10 at 8:51



Dave

5,540 2 27 35

4 The link is redirecting me to the microsoft support homepage –
Bishop Oct 13 '15 at 16:17

Maybe something was wrong. The link redirects [here](#) – gofr1
Jul 7 '16 at 5:18



There's an element in web.config to configure the max size
of the uploaded file:

18



```
<httpRuntime  
  maxRequestLength="1048576"  
>
```

edited Jan 23 '12 at 18:02



bkaid

43.9k 17 103 120

answered Oct 4 '10 at 8:52



ema

4,322 20 30

If you can't update configuration files but control the code

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16

```
HttpContext.Current.Request.GetBufferlessInputStream(true)
).
```

The `true` value for `disableMaxRequestLength` parameter tells the framework to ignore configured request limits.

For detailed description visit

[https://msdn.microsoft.com/en-us/library/hh195568\(v=vs.110\).aspx](https://msdn.microsoft.com/en-us/library/hh195568(v=vs.110).aspx)

edited Jan 22 at 2:31

answered Aug 10 '17 at 7:13



Sergey Tarasov

423 6 14

AWESOME, so how does the top answer have > 1600 votes, and this only 5? This is terrific, because so often, it's just a single action we want this on. Further, no messing with other settings, etc. – [Nicholas Petersen](#) Jun 1 '18 at 16:39

This is what I was looking for. – [Chris Catignani](#) Jul 5 '18 at 18:02

8

`maxRequestLength` (length in KB) Here as ex. I took 1024 (1MB) `maxAllowedContentLength` (length in Bytes) should be same as your `maxRequestLength` (1048576 bytes = 1MB).

```
<system.web>
```

```
  <httpRuntime maxRequestLength="1024" executionTimeout="
```



```
</system.webServer>
```

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```

</requestFiltering>
</security>
</system.webServer>

```

edited Nov 2 '18 at 13:56



CountZero

3,585 3 36 49

answered Dec 4 '15 at 9:07



UniCoder

1,184 13 17



It bothered me for days too. I modified the Web.config file but it didn't work. It turned out that there are two Web.config file in my project, and I should modified the one in the **ROOT** directory, not the others. Hope this would be helpful.

answered Dec 31 '15 at 3:13



NiaoBlush

61 1 1



To summarize all the answers in a single place:

6

```

<system.web>
  <httpRuntime targetFramework="4.5.2" maxRequestLength="1048576">
  </httpRuntime>
</system.web>

<system.webServer>
  <security>
    <requestFiltering>
      <requestLimits maxAllowedContentLength="1073741824" ,
    </requestLimits>
    </requestFiltering>
  </security>
</system.webServer>

```

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Rules:

- `maxRequestLength` (expressed in kb) value must match `maxAllowedContentLength` (expressed in bytes).
- most of the time your `system.web` section may already contains an `"httpRuntime"`. set your `targetFramework` to the version of your .net used.

Notes:

- default value for `maxRequestLength` is 4096 (4mb). max value is 2,147,483,647
- default value for `maxAllowedContentLength` is 30,000,000 (around 30mb). max value is 4,294,967,295

more info [MSDN](#)

answered Mar 21 '18 at 17:46



BernieSF

777 1 18 31

5

If you have a request going to an application in the site, make sure you set `maxRequestLength` in the root `web.config`. The `maxRequestLength` in the applications's `web.config` appears to be ignored.

answered Oct 19 '15 at 23:15



mhenry1384

5,705 4 44 61

If I could unvote this more than once I would. This wasted a

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the root level, not at the sub-app level. – [nickvans](#) Feb 8 '17 at 14:03



1

I was tripped up by the fact that our web.config file has multiple system.web sections: it worked when I added `<httpRuntime maxRequestLength="1048576" />` to the system.web section that at the configuration level.

answered Apr 18 '16 at 14:52

[Graham Laight](#)**3,075** 3 19 20

0

I had to edit the

C:\Windows\System32\inetsrv\config\applicationHost.config file and add `<requestLimits maxAllowedContentLength="1073741824" />` to the end of the...

```
<configuration>
  <system.webServer>
    <security>
      <requestFiltering>
```

section.

As per [This Microsoft Support Article](#)

answered Jan 30 '17 at 0:48

[HyperActive](#)**406** 4 7

-3



```
<system.web>
  <httpRuntime maxRequestLength="1024" executionTimeout="30" />
  <compilation debug="true" />
</system.web>
<security>
  <requestFiltering>
    <requestLimits maxAllowedContentLength="1048576" />
  </requestFiltering>
</security>
```

edited Jan 20 '16 at 13:56



Paul Roub

33k 8 59 76

answered Jan 20 '16 at 13:52



Cesar Miguel

3 1

The `executionTimeout` attribute has nothing to do with what is asked, and neither does the `compilation` tag. —

[Mathias Lykkegaard Lorenzen](#) Aug 9 '16 at 14:24

protected by [Community](#) ♦ May 9 '18 at 12:47

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