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**hdufort**

Joined Aug 2011

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## The remote server returned an unexpected response: (413) Request Entity Too Large.

[.NET Framework > Windows Communication Foundation, Serialization, and Networking](#)

### Question

Hi there!

I know that there is other post about this but none of them helped me.

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I'm trying to build a WCF Application service, using FW4.0.

My service work correctly when transferring EntityFramework object between Server and client. But I'm having problem passing EF object from Client to Server.

Here some more detail about my environment:

- The service is running in debug mode locally on IIS
- I'm running all this on my Windows 7
- I'm using Visual Studio 2010 on FW4.0

I'm trying to send a object (tblClient) to server to save the record, but a keep having the error (413) Request Entity Too Large.

Here the full stack:

Entity Too Large.. pls help !!!

WCF 4.5: An unexpected error occurred: The remote server returned an unexpected response: (413) Request Entity Too Large

```
System.ServiceModel.ProtocolException occurred
HResult=-2146233087
Message=The remote server returned an unexpected response: (413) Request Entity Too Large.
Source=mscorlib
StackTrace:
  Server stack trace:
    at System.ServiceModel.Channels.HttpChannelUtilities.ValidateRequestReplyResponse(HttpWebRequest request, HttpWebResponse response)
    at System.ServiceModel.Channels.HttpChannelFactory`1.HttpRequestChannel.HttpChannelRequest.WaitForReply(TimeSpan timeout)
    at System.ServiceModel.Channels.RequestChannel.Request(Message message, TimeSpan timeout)
    at System.ServiceModel.Dispatcher.RequestChannelBinder.Request(Message message, TimeSpan timeout)
    at System.ServiceModel.Channels.ServiceChannel.Call(String action, Boolean oneway, ProxyOperationRuntime operation, Object[] args)
    at System.ServiceModel.Channels.ServiceChannelProxy.InvokeService(IMethodCallMessage methodCall, ProxyOperationRuntime operation)
    at System.ServiceModel.Channels.ServiceChannelProxy.Invoke(IMessage message)
  Exception rethrown at [0]:
    at System.Runtime.Remoting.Proxies.RealProxy.HandleReturnMessage(IMessage reqMsg, IMessage retMsg)
    at System.Runtime.Remoting.Proxies.RealProxy.PrivateInvoke(MessageData& msgData, Int32 type)
    at ClientApp.ServiceReference1.IService.SaveClient(tblClient client)
    at ClientApp.ServiceReference1.ServiceClient.SaveClient(tblClient client) in C:\dufh\WPF Project\ClientApp\ServiceReference1\ServiceClient.cs:line 10
    at ClientApp.ViewModel.ClientViewModel.SaveClient() in C:\dufh\WPF Project\ClientApp\ViewModel\ClientViewModel.cs:line 10
  InnerException: System.Net.WebException
    HResult=-2146233079
    Message=The remote server returned an error: (413) Request Entity Too Large.
    Source=System
    StackTrace:
      at System.Net.HttpWebRequest.GetResponse()
      at System.ServiceModel.Channels.HttpChannelFactory`1.HttpRequestChannel.HttpChannelRequest.WaitForReply(TimeSpan timeout)
    InnerException:
```

I've do some research and all point to the maxBufferSize and/or maxBufferPoolSize and/or maxReceivedMessageSize witch is not large enough in the Client config App.Config. So I inscresed them to maximum value :

maxBufferSize="2147483647" maxBufferPoolSize="2147483647" maxReceivedMessageSize="2147483647"

But still the error remain.

Here my full Client App.Config

```
<?xml version="1.0" encoding="utf-8" ?>
<configuration>
  <system.diagnostics>
    <sources>
      <!-- This section defines the logging configuration for My.Application.Log -->
      <source name="DefaultSource" switchName="DefaultSwitch">
        <listeners>
          <add name="FileLog"/>
          <!-- Uncomment the below section to write to the Application Event Log -->
          <!--<add name="EventLog"/>-->
        </listeners>
      </source>
    </sources>
    <switches>
      <add name="DefaultSwitch" value="Information" />
    </switches>
    <sharedListeners>
      <add name="FileLog"
        type="Microsoft.VisualBasic.Logging.FileLogTraceListener, Microsoft.VisualBasic, Version=8.0.0.0, Culture=neutral, PublicKeyToken=232e614478722255"
        initializeData="FileLogWriter"/>
      <!-- Uncomment the below section and replace APPLICATION_NAME with the name of your application to write to the Application Event Log -->
      <add name="EventLog" type="System.Diagnostics.EventLogTraceListener" initializeData="MVVM Sampling" />
    </sharedListeners>
  </system.diagnostics>
  <system.serviceModel>
    <bindings>
      <basicHttpBinding>
        <binding name="BasicHttpBinding_IService" maxBufferSize="2147483647" maxReceivedMessageSize="2147483647" />
      </basicHttpBinding>
    </bindings>
```

```

<client>
  <endpoint address="http://localhost:7803/Service1.svc" binding="basicHttpBinding"
    bindingConfiguration="BasicHttpBinding_IService" contract="ServiceReference1.IService"
    name="BasicHttpBinding_IService" />
</client>
</system.serviceModel>
</configuration>

```

and the full Web.Config WCF service Web.Config

```

<?xml version="1.0"?>
<configuration>

  <system.web>
    <compilation debug="true" strict="false" explicit="true" targetFramework="4.0" />
  </system.web>
  <system.serviceModel>

    <bindings>
      <basicHttpBinding>
        <binding name="BasicHttpBinding_IService" maxBufferPoolSize="2147483647" maxReceivedMessageSize="2147483647"
          <readerQuotas maxDepth="200" maxStringContentLength="8388608" maxArrayLength="16384" maxBytesPerRead="4096"
            />
        </binding>
      </basicHttpBinding>
    </bindings>

    <behaviors>
      <serviceBehaviors>
        <behavior>
          <!-- To avoid disclosing metadata information, set the value below to false and remove the metadata endpoint
            <serviceMetadata httpGetEnabled="true"/>
          <!-- To receive exception details in faults for debugging purposes, set the value below to true. Set to false
            <serviceDebug includeExceptionDetailInFaults="false"/>

```

```
</behavior>
</serviceBehaviors>
</behaviors>
<serviceHostingEnvironment multipleSiteBindingsEnabled="true" />

</system.serviceModel>
<system.webServer>
  <modules runAllManagedModulesForAllRequests="true"/>
</system.webServer>
<connectionStrings>
  <add name="MaitreEntities" connectionString="metadata=res://*/Schemat.csdl|res://*/Schemat.ssdl|res://
</connectionStrings>
</configuration>
```

Any help would be very welcome :-)

Edited by [hdufort](#) Friday, December 13, 2013 7:40 PM Formating

Friday, December 13, 2013 7:31 PM

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[hdufort](#) 35 Points

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## Answers

For the record

I think I got it.

The Web.Config from the service does not have the binding information.

I placed this info in it, and voila!

3  
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```
<bindings>
  <basicHttpBinding>
    <binding maxBufferPoolSize="2147483647" maxBufferSize="2147483647" maxReceivedMessageSize="2147483647"
      <readerQuotas maxDepth="2000000" maxStringContentLength="2147483647" maxArrayLength="2147483647"
    </binding>
  </basicHttpBinding>
</bindings>
```

Note here that the binding did not have a name specified.

Marked as answer by [hdufort](#) Wednesday, December 18, 2013 8:03 PM

Wednesday, December 18, 2013 8:03 PM

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[hdufort](#) 35 Points

Hi,

I see that you have used the following in the service side:

1  
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```
<bindings>
  <basicHttpBinding>
    <binding name="BasicHttpBinding_IService" maxBufferPoolSize="2147483647" maxReceivedMessageSize="2147483647"
      <readerQuotas maxDepth="200" maxStringContentLength="8388608" maxArrayLength="16384" maxBytesPerRead="8192"
    </binding>
  </basicHttpBinding>
</bindings>
```

The remote server returned an unexpected response: (413) Request Entity Too Large.

```
</bindings>
```

But you did not apply the binding configure to the endpoint, so please add the following:

```
<endpoint address="" binding="basicHttpBinding"
  bindingConfiguration="BasicHttpBinding IService" contract="ServiceReference1.IService"
  name="BasicHttp IService" />
```

Also it will be better if you also increase the timeout value:

```
<bindings>
  <basicHttpBinding>
    <binding name="BasicHttpBinding IService" maxBufferPoolSize="2147483647" maxReceivedMessage
      receiveTimeout="00:20:00" closeTimeout="00:20:00" sendTimeout="00:20:00">
      <readerQuotas maxDepth="200" maxStringContentLength="8388608" maxArrayLength="16384" m
    </binding>
  </basicHttpBinding>
</bindings>
```


Best Regards,  
Amy Peng

We are trying to better understand customer views on social support experience, so your participation in this interview project would be greatly appreciated if you have time. Thanks for helping make community forums a great place.

Click [HERE](#) to participate the survey.

Marked as answer by [Amy Peng](#) Microsoft employee, Moderator Thursday, December 19, 2013 11:02 AM

Monday, December 16, 2013 9:13 AM

Moderator 

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[Amy Peng](#) (MSFT) 40,425 Points

## All replies

Hi,

I see that you have used the following in the service side:

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```
<bindings>
  <basicHttpBinding>
    <binding name="BasicHttpBinding_IService" maxBufferPoolSize="2147483647" maxReceivedMessage
      <readerQuotas maxDepth="200" maxStringContentLength="8388608" maxArrayLength="16384" m
    </binding>
  </basicHttpBinding>
</bindings>
```

But you did not apply the binding configure to the endpoint, so please add the following:

```
<endpoint address="" binding="basicHttpBinding"
  bindingConfiguration="BasicHttpBinding_IService" contract="ServiceReference1.IService"
  name="BasicHttp_IService" />
```

Also it will be better if you also increase the timeout value:

```
<bindings>
  <basicHttpBinding>
    <binding name="BasicHttpBinding_IService" maxBufferPoolSize="2147483647" maxReceivedMessage
      receiveTimeout="00:20:00" closeTimeout="00:20:00" sendTimeout="00:20:00">
      <readerQuotas maxDepth="200" maxStringContentLength="8388608" maxArrayLength="16384" m
    </binding>
  </basicHttpBinding>
</bindings>
```

Best Regards,  
Amy Peng




The remote server returned an unexpected response: (413) Request Entity Too Large.

We are trying to better understand customer views on social support experience, so your participation in this interview project would be greatly appreciated if you have time. Thanks for helping make community forums a great place.

Click [HERE](#) to participate the survey.

Marked as answer by [Amy Peng](#) Microsoft employee, Moderator *Thursday, December 19, 2013 11:02 AM*

Monday, December 16, 2013 9:13 AM

Moderator 

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[Amy Peng](#) (MSFT) 40,425 Points

Thanks for your help Amy, but the error still remain. I'll set my WCF service aside for a while.

And let it simmer for a while ...

0

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Tuesday, December 17, 2013 2:26 PM

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[hdufort](#) 35 Points

For the record

I think I got it.

The Web.Config from the service does not have the binding information.

I placed this info in it, and voila!

3  
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```
<bindings>
  <basicHttpBinding>
    <binding maxBufferPoolSize="2147483647" maxBufferSize="2147483647" maxReceivedMessageSize
      <readerQuotas maxDepth="2000000" maxStringContentLength="2147483647" maxArrayLength="2
    </binding>
  </basicHttpBinding>
</bindings>
```

Note here that the binding did not have a name specified.

Marked as answer by [hdufort](#) Wednesday, December 18, 2013 8:03 PM

Wednesday, December 18, 2013 8:03 PM

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[hdufort](#) 35 Points

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