

Asp.Net MVC 5 Owin Twitter Auth throwing 401 Exception

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38 ▼ I have set up OAuth authentication using the Owin middleware based off the default project that gets created when starting a new Web project using "Individual accounts" authentication.

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3 I've tweaked it a bit, but Facebook and Google are working great, however, when I click on the "twitter" button to issue the challenge, it's throwing a 500 http exception with the error message:

Response status code does not indicate success: 401 (Unauthorized).

This only comes up with Twitter. Here is my auth config:

```
// Just a configuration section that reads from the web.config
var configuration = new OwinCookieConfigurationSection("owinCookieConfiguration");
app.UseCookieAuthentication(GetCookieAuthenticationOptions(configuration));
app.UseExternalSignInCookie(DefaultAuthenticationTypes.ExternalCookie);

app.UseTwitterAuthentication(
    consumerKey: "XXX",
    consumerSecret: "XXX"
);

app.UseFacebookAuthentication(
    appId: "XXX",
    appSecret: "XXX"
);

app.UseGoogleAuthentication();
```

It's definitely a 500 error, not a 401 error as it indicates and I have confirmed it never makes it passed the original post challenge to Twitter. The stack trace appears to show Twitter is not returning a success code from the ObtainRequestToken call:

Response status code does not indicate success: 401 (Unauthorized).

Description: An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the error and where it originated.

Exception Details: System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized).

Source Error:

An unhandled exception was generated during the execution of the current web request. Information regarding the origin and location of the exception can be identified using the stack trace.

Stack Trace:

```
[HttpRequestException: Response status code does not indicate success: 401 (Unauthorized).]
System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() +0296
Microsoft.Owin.Security.Twitter.OwinRequestTokenResponse.MoveNext() +1771
System.Runtime.CompilerServices.TaskAwaiter.ThrowForNonSuccess(Task task) +93
System.Runtime.CompilerServices.TaskAwaiter.HandleOnSuccessAndDebuggerNotification(Task task) +52
Microsoft.Owin.Security.Twitter.ApplyResponseChallengeAsync.MoveNext() +877
System.Runtime.CompilerServices.TaskAwaiter.ThrowForNonSuccess(Task task) +93
System.Runtime.CompilerServices.TaskAwaiter.HandleOnSuccessAndDebuggerNotification(Task task) +52
Microsoft.Owin.Security.Infrastructure.ApplyResponseChallengeAsync.MoveNext() +100
System.Runtime.CompilerServices.TaskAwaiter.ThrowForNonSuccess(Task task) +93
System.Runtime.CompilerServices.TaskAwaiter.HandleOnSuccessAndDebuggerNotification(Task task) +52
Microsoft.Owin.Security.Infrastructure.HandleAsync.MoveNext() +169
System.Runtime.CompilerServices.TaskAwaiter.ThrowForNonSuccess(Task task) +93
System.Runtime.CompilerServices.TaskAwaiter.HandleOnSuccessAndDebuggerNotification(Task task) +52
Microsoft.Owin.Security.Infrastructure.InvokeAsync.MoveNext() +851
System.Runtime.CompilerServices.TaskAwaiter.ThrowForNonSuccess(Task task) +93
System.Runtime.CompilerServices.TaskAwaiter.HandleOnSuccessAndDebuggerNotification(Task task) +52
Microsoft.Owin.Security.Infrastructure.InvokeAsync.MoveNext() +665
System.Runtime.CompilerServices.TaskAwaiter.ThrowForNonSuccess(Task task) +93
System.Runtime.CompilerServices.TaskAwaiter.HandleOnSuccessAndDebuggerNotification(Task task) +52
Microsoft.Owin.Security.Infrastructure.InvokeAsync.MoveNext() +665
Microsoft.Owin.Host.SystemWeb.IntegratedPipeline.StageAsyncResult.End(IAsyncResult ar) +49
Microsoft.Owin.Host.SystemWeb.IntegratedPipeline.IntegratedPipelineContext.EndExecute(IAsyncResult ar) +54
System.Web.AsyncEventExecutionStep.OnAsyncEventCompletion(IAsyncResult ar) +9549077
```

Any ideas?

twitter

oauth

twitter-oauth

edited Dec 4 '15 at 15:44



H. Pauwelyn

5,881 18 49 88

asked Feb 8 '14 at 20:07



MikeAtCodeSmart

346 5 12

2 Answers

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You need to go into the Twitter Dev App and add a website address. I know it seem silly but this will solve your problem.

- <https://apps.twitter.com/>
- Go to the Settings Tab
- Set a Callback URL to any website. Even if it is not real.

This should solve you problem.

answered Feb 9 '14 at 4:33



Patrick Desjardins

88.8k 77 271 326

Wow. Brilliant - thanks! – [MikeAtCodeSmart](#) Feb 11 '14 at 5:50

- 8
- A optional field that's not optional.
haha! – [JoshYates1980](#) Jul 16 '14 at 16:10
- 4
- FYI It takes about 5 minutes to take effect after you set the url. I wasted a day on this. – [joe.feser](#) Feb 16 '15 at 18:41

Patrick Desjadins you are genius bro :) – [user1014191](#) Feb 24 '15 at 17:05

- 1 Thank you for not letting me waste a day on this! – [user1689571](#) May 5 '15 at 12:21
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- 2 I solved my problem the way Patrick described 1 year ago. Today I ran into the same issue again but this time I found the issue was caused because of the date/time setting in my computer. Since the date/time in this computer is usually out-of-sync I had to go to "Change Date and Time settings" -> "Internet Time" tab and enable internet sync.

answered Apr 12 '15 at 15:42

