

Forms Authentication and long ViewState Problem

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2005-02/2219.html>

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Hi,

I appear to have a problem where the user is not kicked back to the forms authentication url when they post a webform, via a get, that results in a long url due to viewstate. Instead they get the error at the end of the post

Web.Config:

```
<authentication mode="Forms">
  <forms path = "/" loginUrl = "View/Login.aspx" timeout="1"
  protection="All" name="DiscAccept"/>
</authentication>
<authorization>
  <deny users = "?" />
</authorization>
```

URL:

http://localhost/App/View/Login.aspx?ReturnUrl=%2fApp%2fView%2fCWebForm2.aspx%3f_VIEWSTATE%3dd1zc7Pj47Oz47Pj47Pj47Pu%2BxizxVhIWgw4i0JUECemLiNzSQ&Button1=Button

Any Ideas?

Thanks

Jerry

The following error occurs:

Server Error in '/App' Application.

Unable to validate data.

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 in the code.

Exception Details: System.Web.HttpException: Unable to validate data.

Source Error:

microsoft.public.dotnet.framework.aspnet: Forms Authentication and long ViewState Problem

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 exception stack trace below.

Stack Trace:

```
[HttpException (0x80004005): Unable to validate data.]
  System.Web.Configuration.MachineKey.GetDecodedData(Byte[] buf,
Byte[] modifier, Int32 start, Int32 length, Int32& dataLength)
  System.Web.UI.LosFormatter.Deserialize(String input)
```

```
[HttpException (0x80004005): Authentication of viewstate failed. 1)
If this is a cluster, edit <machineKey> configuration so all servers
use the same validationKey and validation algorithm. AutoGenerate
cannot be used in a cluster. 2) Viewstate can only be posted back to
the same page. 3) The viewstate for this page might be corrupted.]
  System.Web.UI.LosFormatter.Deserialize(String input)
  System.Web.UI.Page.LoadPageStateFromPersistenceMedium()
```

```
[HttpException (0x80004005): Invalid_Viewstate
  Client IP: 127.0.0.1
  Port: 2254
  User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1; .NET
CLR 1.1.4322)
  ViewState:
dDw3ODI4NDUwNDg7dDw7bDxpPDE+Oz47bDx0PDtsPGk8MT47PjtsPHQ8cDxsPFRleHQ7PjtsPDFGYWxzZVR
  Http-Referer:
http://localhost/App/View/CWebForm2.aspx? VIEWSTATE=dDw3ODI4NDUwNDg7dDw7bDxpPDE%2BOz47bD
  Path: /App/View/Login.aspx.]
  System.Web.UI.Page.LoadPageStateFromPersistenceMedium()
  System.Web.UI.Page.LoadPageViewState()
  System.Web.UI.Page.ProcessRequestMain()
```

Version Information: Microsoft .NET Framework Version:1.1.4322.2032;
ASP.NET Version:1.1.4322.2032