

Winform control hosted on internet explorer fails displaying a R

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.windowsforms/2008-09/msg00112.h>

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Description :Windows control is hosted in Internet Explorer to print a form based on certain coordinate positions retrieved from WebServer. The Control uses Printing resources of the client machine.

Creation of the Windows control (PrinterCtrl.dll)

1. Derives from System.Windows.Forms.UserControl

2. Permission requested for the assembly

a. [assembly:

SecurityPermission(SecurityAction.RequestMinimum, Assertion=true, Execution=true)]

b. [assembly:

PrintingPermission(SecurityAction.RequestMinimum, Level=System.Drawing.Printing.PrintingPermissionLevel.AllPr

c. [assembly:

WebPermission(SecurityAction.RequestMinimum, Unrestricted = true)]

3. CodeGroup and PermissionSet in CAS under Machine Policy

1. Permission Set has 3 assigned permissions (PrinterCtrlPerms)

" Security permission with

1. Enable Security permission

2. Assert any permissions that has been granted

" Printing

1. Grant assemblies unrestricted access to printers

" Web Access

1. Grant assemblies access to following website with ([http://sitename/.*](http://sitename/)) with Accept and Connect options checked.

2.

2. CodeGroup (PrinterCtrlCodeGroup)

Created new codegroup using URL as membership condition

URL : <http://sitename/PrinterCtrl.dll>

Selected PrinterCtrlPerms as Permission Set .

4. Added the website <http://sitename> to trusted sites in Internet Explorer.

5. The Control s assembly and Web Page which contains this control are both located with same directory.

6. The Execute permission to Virtual directory containing the page and control is limited to Scripts only .

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The control works properly in the development environment, but fails on certain Client machines by displaying a Red X mark instead of the control. No script error shows at the bottom of the page.

The Control was not visible in Assembly Download Cache using gacutil /ldl
IE HOST does not create any logs on client machines since the control is not downloaded.

Tried to run FUSLOGVW.exe.but no files are created

The Client environment has Windows XP with Service Pack 2 and .net 1.1 installed.(Does not have .Net 2.0 installed)

Added IExplorer.exe.Config file to the Internet explorer install directory with supported runtime as 1.1.4322

Added System.Security.AllowPartiallyTrustedCallersAttribute to the Assemblyinfo.cs

The client machines where they are failing currently, could access them sucessfully earlier.I was wondering if any patches or security updates by microsoft is now disabling them for being downloaded.

I would appreciate any insight to the reason that is preventing the control from showing up in IE browser.

Regards,

Suchitra

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