

# Impersonation and UnauthorizedAccessException

---

*Source:*

<http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.framework.aspnet.security/2006-10/msg00087.html>

---

- *From:* [kevingeist@xxxxxxxxxxxx](mailto:kevingeist@xxxxxxxxxxxx)
  - *Date:* 16 Oct 2006 12:18:50 -0700
- 

I hope someone can help me with this. Please tell me what I'm not seeing. In my web app, I'm trying to create files to a common directory. Only some network IDs have access to write to this directory.

In my web.config I have:

```
<authentication mode="Windows"/>
<identity impersonate="true"/>
```

in my default.aspx.vb I have:

```
Dim impersonationContext As
System.Security.Principal.WindowsImpersonationContext
Dim currentWindowsIdentity As
System.Security.Principal.WindowsIdentity
....
currentWindowsIdentity = CType(User.Identity,
System.Security.Principal.WindowsIdentity)
impersonationContext = currentWindowsIdentity.Impersonate()
filePath = System.IO.Path.Combine("w:\kbg\", FileName)
My.Computer.FileSystem.WriteAllText(filePath, strData, False)
impersonationContext.Undo()
```

When I run the app on the localhost it works great. If I comment out the impersonationContext line, the app fail because the ASPNET account does not have access to write to the directory. When I uncomment it, it works, my network account does have access rights. That's what I want. My network account has access to the directory, I don't want ASPNET to have access to it.

Next step, I bring up a browser session on another PC and run the app on my development PC, I get an "Enter Network Password" popup. I enter my network password, after a few tries I get an "UnauthorizedAccessException: Access is to the path 'w:\KBG' is denied." message. Why does it not work if initiated from another PC? How do I fix it?

## Impersonation and UnauthorizedAccessException

Any help would really be appreciated.