

## Re: 401.1 Error w/ Anonymous Access

**Source:** <http://www.derkeiler.com/Newsgroups/microsoft.public.inetserver.iis.security/2002-11/5485.html>

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**From:** Karl Levinson [x y] mvp ([jamescagney90210@excite.com](mailto:jamescagney90210@excite.com))

**Date:** 11/01/02

From: "Karl Levinson [x y] mvp" <[jamescagney90210@excite.com](mailto:jamescagney90210@excite.com)>

Date: Thu, 31 Oct 2002 21:32:42 -0500

"Peter Beck" <[pbeck@inscapesolutions.com](mailto:pbeck@inscapesolutions.com)> wrote in message  
news:OLerZbSgCHA.1648@tkmsftngp10...

> *Hi –*

>

> *I'm having a hard time getting Anonymous Access to work, and I'm wondering  
> if anyone can point out what I'm doing wrong.*

>

> *This isn't mission-critical – I'm just working through setting the machine  
> up this way to make sure I understand how it is \*supposed\* to work.*

>

> *– I'm using IIS5.0*

>

> *– I've set up a local account on the machine (Win2000 Professional,  
machine*

> *called MIS-1112), and called the account SiteUser.*

>

> *– I've created a folder in the IIS "Default Web Site" called  
"SecurityTest",*

> *and put a "hello world"-type page inside the folder, called  
> default.htm.*

>

> *– In the "Directory Security" tab of the "Properties" of the folder in the  
> "Default Web Site", I've disabled Integrated Windows Authentication, and  
> enabled "Anonymous access". Clicking on "Edit", I've set  
MIS-1112\SiteUser*

> *as the Username. I'm allowing IIS to control the password as this is a  
> local account (although it doesn't seem to make a difference if I leave  
this*

> *box un-clicked)*

>

> *– In "Explorer" I've give SiteUser "Full Control" to the folder  
> "SecurityTest" and to the file "default.html"*

>

> *– In the local machine's Local Security Policy I've allowed SiteUser to  
Log*

> *On Locally*

- >
- > *Having done all this, if I type "mis-1112/SecurityTest/default.html" I get*
- > *a 401.1 error. I am under the impression that if Anonymous Access is*
- > *allowed, IIS will treat the request as if it is coming from the user*
- > *"SiteUser", and treat the request with the permissions "SiteUser" has,*
- > *which should allow the file to be served.*
- >
- > *Obviously I'm missing some piece of the puzzle, or some concept – can*
- > *anyone straighten me out about this?*

It's a good idea both for troubleshooting and security to enable file and registry access failure auditing on all files and the HKEY\_Local\_Machine registry hive. Then you can see what is going wrong in the Windows security event log. Search this newsgroup for "auditing" for further instructions.

Also, as you may already know, if these are web scripts [such as .ASP] and the "application isolation" setting on the folder containing the scripts is set to Medium or High in the IIS MMC, the IWAM\_computername account is being used instead of the anonymous user account.

I assume you've already read [www.iisfaq.com](http://www.iisfaq.com) and [www.microsoft.com/support](http://www.microsoft.com/support), especially searching for the sections on "minimum NTFS permissions" for IIS to work.