

## Unknown Domain user – domain authentication appears limited

*Source:* <http://www.derkeiler.com/Newsgroups/microsoft.public.windows.server.security/2004-11/0110.html>

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Date: Thu, 11 Nov 2004 16:56:02 -0800

Hi folks –

I have am experiencing a problem with changing the user for several pages on my web site. While it seems to be a IIS or Domain problem, it appears that it is actually a security setting on the server.

We have used this setup for quite a while and this problem only began after a massive change in security policies at the corporate level.

What we do:

In order to allow for downloads of a file from a shared directory we change the security of the required web site files in the IIS management console to run the anonymous user as <Domain>/<Domain User>.

When I tried this on the new server configuration I received the following errors in the System and Security logs:

Event Type: Warning

Event Source: W3SVC

Event Category: None

Event ID: 100

Date: 11/8/2004

Time: 4:34:16 PM

User: N/A

Computer: <My Web Server>

Description:

The server was unable to logon the Windows NT account 'domain\domainuser' due to the following error: Logon failure: the user has not been granted the requested logon type at this computer. The data is the error code.

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Event Type: Failure Audit

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Event Source: Security  
Event Category: Logon/Logoff  
Event ID: 534  
Date: 11/8/2004  
Time: 4:34:16 PM  
User: NT AUTHORITY\SYSTEM  
Computer: <My Web Server>  
Description:  
Logon Failure:  
Reason: The user has not been granted the requested  
logon type at this machine  
User Name: domainuser  
Domain: domain  
Logon Type: 2  
Logon Process: IIS  
Authentication Package: MICROSOFT\_AUTHENTICATION\_PACKAGE\_V1\_0  
Workstation Name: <My Web Server>

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Event Type: Failure Audit  
Event Source: Security  
Event Category: Logon/Logoff  
Event ID: 534  
Date: 11/8/2004  
Time: 4:34:16 PM  
User: NT AUTHORITY\SYSTEM  
Computer: <My Web Server>  
Description:  
Logon Failure:  
Reason: The user has not been granted the requested  
logon type at this machine  
User Name: domainuser  
Domain: domain  
Logon Type: 4  
Logon Process: IIS  
Authentication Package: MICROSOFT\_AUTHENTICATION\_PACKAGE\_V1\_0  
Workstation Name: <My Web Server>

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I have given the user the following permissions in the local GPO.

logon locally (which is all it should need).  
logon as batch  
Access this computer form the network  
Traverse folders  
Impersonate...  
etc.

I still get the above errors.

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An authentication testing app for IIS shows that the domain user does not exist.

However this user is visible and the setup is working on other servers in the domain that have not had the new security changes.

I have noticed on these "secure" servers that if I try to give any access to a domain user through the local groups and users utility or on a specific folder the user appears as "Unknown" showing only the SID of the user and in the case of files or folders the user shows up with the grayed out head and the red question mark showing only the SID .

So far I have been unable to correct the problem. What I did find was that I could make this work after I had given the user local admin permissions and actually logged in locally and created a profile. Once done I could remove the admin permission for the user and since a profile exists on the server every thing works fine.

We have never had to login as the user previously to make this work. I have a hundred + servers and do not want to have to login to each one!

Any ideas?

Thanks!