

## Re: ASP.NET application cannot access network drive

**Source:**

<http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.framework.aspnet.security/2003-07/0191.html>

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**From:** James N (*email\_this\_guy\_at\_yahoo.com*)

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I GOT IT TO WORK! WOOHOOOO!!!!

I finally figured out a way to disable all "guest" access to the NAS drive, and only allow my ASP.NET application to access it. The solution was to create a new "ASPNET" user account on the NAS drive WITHOUT setting any password. This "ASPNET" account is made to correspond to the same "ASPNET" user account that IIS uses to execute the ASP.NET application in the Windows environment.

The key here is to leave the password field blank. The reason for this is that (although I could be wrong) notice in the machine.config file (at least my machine.config file) that the username/password attributes of the <processModel> tag is "machine"/"AutoGenerate". This gives me the notion that the password for Window's "ASPNET" account is automatically generated by Windows/IIS, thus, requiring the password field in NAS to be set blank (to accept any password that IIS may have generated) for its ASPNET user. Only then will it be possible for the NAS to authenticate the ASPNET user and allow access. By allowing only the "ASPNET" user and disallowing the "guest" user, I believe that my NAS will now be safe from any unwanted network intruders.

And finally thanks to everyone who has offered input and tried to help.

Oh, one more thing to note, and this may probably invalidate my whole reasoning above. A lot of advices I get from ppl on these forums is to create a user account on the NAS that matches the user account that the Windows' aspnet\_wp.exe worker process uses. What I did above is the same thing, just that I didnt not set a password for the account.

So I decided to try setting a same password for the "ASPNET" user both in Windows ("Admin Tools" -> "Comp Management" -> "Local Users and Groups" -> "Users") and in NAS. I also modified the <processModel> tags in machine.config so that username/password = "ASPNET"/"(password)". Strangely, this did not work.

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Some other people say to let the aspnet\_wp.exe process use an existing Window user's account to run. So in machine.config I set username/password = "myUsername"/"(myPassword)". I created the same account on the NAS as well. Again, sadly, this method did not work either.

But who cares now??!! It working!! LOL

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