

## Re: Retrieving User's Groups from Active Directory using ASP.NET

**Source:**

<http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.framework.aspnet.security/2004-09/0309.html>

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**From:** L Magarian (*LMagarian\_at\_discussions.microsoft.com*)

**Date:** 09/28/04

Date: Tue, 28 Sep 2004 11:59:02 -0700

The error is: "The specified domain either does not exist or could not be contacted ", and is thrown by the FindOne() method.

The path I'm using looks like LDAP://company.com/CN=My Name,OU=User Accounts,OU=Accounts,DC=company,DC=com

This is the method I'm using to get the user's groups:

```
public string GetGroups()
{
    DirectorySearcher search = new DirectorySearcher(_path);
    search.Filter = "(cn=" + _filterAttribute + ")";
    search.PropertiesToLoad.Add("memberOf");
    StringBuilder groupNames = new StringBuilder();

    SearchResult result = search.FindOne();
    int propertyCount = result.Properties["memberOf"].Count;
    int equalsIndex, commaIndex;

    for( int i = 0; i < propertyCount; i++)
        {
            String dn = (String)result.Properties["memberOf"][i];

            equalsIndex = dn.IndexOf("=", 1);
            commaIndex = dn.IndexOf(",", 1);
            if (-1 == equalsIndex)
                {
                    return null;
                }
            groupNames.Append(dn.Substring((equalsIndex + 1), (commaIndex - equalsIndex)
            - 1));
            groupNames.Append("|");
        }
    return groupNames.ToString();
}
```

"Paul Clement" wrote:

- > On Tue, 28 Sep 2004 01:51:03 -0700, "L Magarian" <LMagarian@discussions.microsoft.com> wrote:
- >
- > *Â I'm using forms based authentication and LDAP to authenticate a user against*
- > *Â Active Directory. This is working fine.*
- > *Â*
- > *Â The point where I'm stuck is retrieveing the groups this user is assigned.*
- > *Â*
- > *Â My web server and active directory servers are different machines. When I*
- > *Â test by deploying the web app on the active directory machine it does work.*
- > *Â However, I will not be able to employ this work around in the production*
- > *Â setting.*
- > *Â*
- > *Â Can anyone advise me as to how retrieve these user groups?*
- > *Â*
- > *Â Are there special settings for searching the Active Directory when running a*
- > *Â web app off a different server?*
- >
- > *Could you indicate what type of error you are receiving and identify the line of code where it*
- > *occurs?*
- >
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- >
- > *Paul ~~~ pclement@ameritech.net*
- > *Microsoft MVP (Visual Basic)*
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