

Re: using userPrincipalName for ADAM login

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-06/msg00327

- *From:* Adam <adamtuliper@xxxxxxxxxxxxxx>
 - *Date:* Wed, 7 Jun 2006 06:16:01 -0700
-

Thanks for the reply.

If binding to RootDSE allows anonymous, is there any problem of reverting back to anonymous for instance like sql server attempts to do(specified user->guest->>null) ... if the current login fails? IE will it ever try an anonymous without telling you if the specified credentials fail? Or maybe I should ask.. in what cases will anonymous be used?

--

Adam Tuliper
<http://www.secure-coding.com>

"Joe Kaplan (MVP - ADSI)" wrote:

If you just want to authenticate the user with a bind, then using the RootDSE object is probably the way to go. RootDSE is accessible anonymously, so there is no implied authorization when ADSI does a search that might cause an unexpected side effect.

I'd definitely recommend specifying a DN in your path with ADAM, as ADSI likes to bind to the default naming context when you don't specify one, but since ADAM doesn't have a default naming context by default (you can set one, but this has to be done explicitly), you might get unexpected behavior. I don't think that's what's going on here, but it is still a better coding practice than using a null DN.

I tried a quick test and wasn't able to repro your error. There may be an issue with the user you are using not having rights to read the object in question. ADAM users are not in any groups by default, so they can't see much by default. I think my ADAM has the authenticated users Windows built-in SID in the readers role as an FSP, so everyone who authenticates is automatically a reader.

Joe K.

Re: using userPrincipalName for ADAM login

Joe Kaplan-MS MVP Directory Services Programming
Co-author of "The .NET Developer's Guide to Directory Services Programming"
<http://www.directoryprogramming.net>

"Adam" <adamtuliper@xxxxxxxxxxxxxx> wrote in message
<news:B2E6B0AB-05DA-4F81-AE2F-F9FFB670CDBD@xxxxxxxxxxxxxx>

I should also specify the code, sorry.
I realize also this may fall under adsi.general, but since it was about connecting to ADAM, I sent it here:

```
using (DirectoryEntry entry = new
DirectoryEntry("LDAP://localhost:50002))
{
    entry.Username = "testupn";
    entry.Password = "^t3stp@$ s";
    entry.AuthenticationType =
System.DirectoryServices.AuthenticationTypes.None;
    Object obj = entry.NativeObject;
}
```

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Adam Tuliper
<http://www.secure-coding.com>

"Adam" wrote:

I thought so..my initial test failed, but now specifically going against RootDse works or just the server path itself works. Going to any other path fails with

The specified directory service attribute or value does not exist.

Whats the reason the RootDse is required here?

==
Adam Tuliper
<http://www.secure-coding.com>

"Joe Kaplan (MVP - ADSI)" wrote:

Re: using userPrincipalName for ADAM login

You can use the usePrincipalName attribute as a username for binding in ADAM, as well as the displayName. Try to make sure they are unique.

:)

Joe K.

==

Joe Kaplan-MS MVP Directory Services Programming
Co-author of "The .NET Developer's Guide to Directory Services Programming"
<http://www.directoryprogramming.net>

==

"Adam" <adamtuliper@xxxxxxxxxxxxxx>
wrote in message
news:50810AC9-0857-45ED-A42A-0D8272593B14@xxxxxxxxxxxxxxxxxxx

Is it possible to use the userPrincipalName to login to ADAM?

==

Adam Tuliper
<http://www.secure-coding.com>