

## Re: ADAM Bind attribute question

**Source:**

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2005-03/0369.html](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2005-03/0369.html)

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**From:** Dmitri Gavrilov [MSFT] ([dmitrig\\_at\\_online.microsoft.com](mailto:dmitrig_at_online.microsoft.com))

**Date:** 03/03/05

Date: Wed, 2 Mar 2005 17:05:32 -0700

You are mixing things up.

rdnAttId only affects how DNs are built. If a class has attribute X as rdnAttId, then objects of this class will have DNs starting with X=object\_rdn,CN=container\_rdn,...

When you are binding, you only have two options:

- 1) specify the full user DN as the username
- or
- 2) specify user's userPrincipalName as username.

You cannot bind with CN alone.  
You cannot bind with UID alone.

--

Dmitri Gavrilov

SDE, Active Directory Core

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"Jims" <[biz@neocasa.net](mailto:biz@neocasa.net)> wrote in message  
news:eI6iSG3HFHA.2648@TK2MSFTNGP14.phx.gbl...

> By default I'm unable to bind using userPrincipalName. Is it necessary to  
> add userPrincipalName to rDNAttID in the class definitions on a new  
instance

> in order to get this to work? We are well under way using CN as the rdn  
for

> binding. Do you see this as a risk or potential problem?

> Thanks,

> Jim

>

>

> "Dmitri Gavrilov [MSFT]" <[dmitrig@online.microsoft.com](mailto:dmitrig@online.microsoft.com)> wrote in message  
> news:%236WG3qeHFHA.908@TK2MSFTNGP12.phx.gbl...

> > You should use userPrincipalName in place of UID. Like Lee said,

> > userPrincipalName is a freeform string that you can use to bind.

> > Unfortunately, ADAM does not support attribute aliasing, so you'll have  
to

> > change the client app to use this.

> >

> > --

> > Dmitri Gavrilov

> > SDE, Active Directory Core

Re: ADAM Bind attribute question

microsoft.public.windows.server.active\_directory: Re: ADAM Bind attribute question

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> > http://www.microsoft.com/info/copyright.htm
> >
> > "Jims" <biz@neocasa.net> wrote in message
> > news:#jxQ5BbHFHA.1996@TK2MSFTNGP12.phx.gbl...
> >> thanks lee. Because we are migrating from IPlanet to ADAM, we have had
> >> inquiries from our developers why they can't bind to uid like with
> > IPlanet.
> >> Binding with CN does seem somewhat nonstandard.
> >> Jim
> >>
> >>
> >> "Lee Flight" <lef@le.ac.uk-nospam> wrote in message
> >> news:%231ZCmsfGFHA.3916@TK2MSFTNGP12.phx.gbl...
> >> > Hi Jim
> >> >
> >> > you could have ADAM users bind by uid if you had uid as the
> >> > rDNAttID in the class definitions at the time you created the
classes.
> >> > I have tried it and it does work but I do not have it in production
> >> > so I could not guarantee it as a totally safe thing to do.
> >> >
> >> > If you have existing instances, you would pretty much have to tear
> >> > down your existing instance and rebuild.
> >> >
> >> > If you do try a test scenario you would need to be aware of the
> >> > exiting uid attribute definition in the MS-User.ldf, if you use that
> >> > class. That attribute is multivalued and not indexed, whereas you
would
> >> > probably want it single-valued and indexed.
> >> >
> >> > One other thing, in ADAM you can bind by userPrincipalName, which is
> >> > just a (2.5.5.12) unicode string, so if you are not using that
> >> > attribute
> >> > already
> >> > you could populate with the uid string
> >> >
> >> > smithj
> >> >
> >> > or even a string (note this just a string not a DN)
> >> >
> >> > uid=smithj,ou=users,dc=domain,dc=org
> >> >
> >> > and a simple bind to either of those should work. The string that
> >> > looks
> >> > like a DN might get you out of a hole if the client application was
> >> > hard
> >> > coded for a DN of that form, but I'm not seriously recommending it,
> >> > consider it a curiosity...
> >> >
> >> > HTH
> >> > Lee Flight
> >> >
> >> >
> >> > "Jims" <biz@neocasa.net> wrote in message
> >> > news:OLGFUREGFHA.3916@TK2MSFTNGP12.phx.gbl...
> >> >> Is it possible to change the bind dn attribute in ADAM? For
instance,
> >> >> our userprox y and user objects currently have to bind with
```

microsoft.public.windows.server.active\_directory: Re: ADAM Bind attribute question

```
> >> >> cn=smithj,ou=users,dc=domain=dc=org. Can we change this so they
would
> >> >> bind with uid=smithj,ou=users,dc=domain,dc=org?
> >> >> Thanks,
> >> >> Jim
> >> >>
> >> >
> >> >
> >>
> >>
> >
> >
>
>
```