

Re: AD Schema Extension Question

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2007-11/msg01139

- *From:* Oliver <Oliver@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 20 Nov 2007 20:18:00 -0800
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Mmm...sounds like (ADAM/sync) a bit of work there, and introduces another layer of complexity. Might just stick with the modification of the AD schema.

The rangeUpper values you mention are they implemented simply for protection and as a safeguard against directory bloat given that the app might get ambitious and mess up the dir. with excessive amounts of data? Or is there some other reasoning behind that..?

Anyway – your help has been invaluable, and has certainly spiked my interest in AD from a more programmatic POV... :)

thanks again!

"Joe Kaplan" wrote:

It could. You would need to have a user object in ADAM for each user in AD so there would be a place to actually put this attribute data which would imply that you would set up some sort of ongoing sync mechanism. If for whatever reason your eally didn't want this data in your main AD, that would be a reasonable way to solve that problem. The ADAM instances could be deployed much more narrowly so that they could support only the applications that need this data.

On the other hand, if you envision having lots of applications that need access to the same data and those apps might be deployed all over the place (but in the same locations that you have AD now), then AD might make a better choice.

My instinct on this type of thing is that if the data is for more than one application and isn't going to make an impact on DIT size or replication that is a major concern, I'd just put it in AD. Going through the trouble to set up ADAM, get sync working and get ADAM deployed and replicating might not be worth it. Your own requirements will help you balance these two approaches and hopefully indicate which way is preferable. Other people tend to like to avoid putting this stuff in AD and will go for the ADAM approach first, so some of this is just disposition as to whether you like to extend the AD schema or not. :)

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You could also put the data in SQL if you wanted to (or another LDAP directory). It all depends on what you need.

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

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"Oliver" <Oliver@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:ADE39366-1CD4-45B8-878D-B87F0C579543@xxxxxxxxxxxxxxxxxxxx>

Thanks very much for the response Joe – just the kind of suggestions i was looking for.

One other question though: could ADAM be used in a scenario such as this?

Thanks again. :)

"Joe Kaplan" wrote:

From a pure schema perspective, this is a pretty standard thing to do.
Make sure that an appropriate syntax for the datatype is being used (probably either octet string if storing data as binary or unicode string is storing as an encoded string). Also, make sure that rangeUpper is set appropriately to allow for the largest possible blob of data but doesn't allow unbounded data to be inserted. I also recommend setting schemaIDGUID on the attributes being added so that they will be the same in every directory they are imported into.

Unless you are doing linked attributes, there isn't a whole lot else to get wrong.

Joe K.

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Joe Kaplan—MS MVP Directory Services Programming
Co—author of "The .NET Developer's Guide to Directory

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Services
Programming"
<http://www.directoryprogramming.net>

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"Oliver" <Oliver@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in
message
<news:13B507CF-B17C-4E7F-B6ED-4320A8023BE2@xxxxxxxxxxxxxxxxxxxx>

have a customer that wants to extend the
schema to include an attrib
for
an
auxiliary class attached to the user class. The
attribute will be used
to
store compressed and encrypted XML code
with logon..and is currently
used
to
store connection details for two applications
– (its for an inhouse SSO
app).
They have registered the OID etc..Just
wondering if there was anything
to
consider here? I was thinking DIT
size/storage, replication etc...but
is
there anything on the actual schema–side
that may casue issues in the
long
term? I did refer to some AD books for some
guidance..and googled but
nothing
(other than whats already mentioned here)
really stood out.

rgds

O.