

## Re: Deleted Objects

**Source:**

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2004-08/1401.html](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2004-08/1401.html)

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**From:** Joe Richards [MVP] (*humorexpress\_at\_hotmail.com*)

**Date:** 08/24/04

Date: Tue, 24 Aug 2004 12:08:39 -0400

Correct, I knew what you were talking about. A delete of an object is actually a move of the object to the deleted objects bin coupled with a rename of the RDN. Unless you are using backlinks these will not get updated automatically, you will need to maintain that info yourself. This goes for tracking any objects that are renamed or moved as well as deleted.

joe

--  
Joe Richards Microsoft MVP Windows Server Directory Services  
www.joeware.net  
Venkatesan wrote:  
> You are talking about the relationship between the objects.  
> Actually I am talking about the deleted objects and those  
> entries are marked as  
>  
> " CN=GoldPolicyRule\_7\_1\ DEL:c8597066-9476-4493-ab13-  
> f7004bf82a63,CN=Deleted Objects,DC=mycompany,DC=local "  
>  
> I want to remove this entry immediately when I delete this  
> GoldPolicyRule\_7\_1 object.  
>  
> NOTE: The above value is related to one attribute of OU  
> object.  
>  
> Thanks.  
> M Venkatesan  
>  
>  
>  
>>-----Original Message-----  
>>Yep backlinks or you have to have something monitor your  
>  
> objects and clean out  
>  
>>references to deleted objects. Backlinks are the better  
>  
> way though because they  
>  
>>will also handle moved obejcts (which is what a deleted  
>  
> object effectively is).  
>  
>> joe

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>>
>>--
>>Joe Richards Microsoft MVP Windows Server Directory
>
> Services
>
>>www.joeware.net
>>
>>
>>Joe Kaplan (MVP - ADSI) wrote:
>>
>>>The way it works is that DN syntax attributes with
>
> matching backlink
>
>>>attributes (e.g. member and memberOf) will have
>
> automatically "clean up"
>
>>>removed references. DN attributes that don't have a
>
> backlink will have the
>
>>>DN change the DN of the tombstone DN of the deleted
>
> object.
>
>>>So, what you should probably do is change your schema
>
> to include backlinks.
>
>>>There is some reference to how to do this the AD
>
> reference in MSDN. Note
>
>>>that you can't set the linkID attribute after creation,
>
> so you will probably
>
>>>need to start over with new attributes to do this.
>>>
>>>HTH,
>>>
>>>Joe K.
>>>
>>><anonymous@discussions.microsoft.com> wrote in message
>>>news:b14e01c488c9$022500c0$a601280a@phx.gbl...
>>>
>>>
>>>>Yes. I have created some poliy rules and users. And
>
> also I
>
>>>>associated those rules to some users. When I deleted the
>>>>rule , then I was expecting that the rule entry will not
>>>>associated to this user. But it mared as deleted
>
> objects.
>
>>>>Is there any way to remove this entry from that user?
>
```

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```
> But
>
>>>>this happens for OpenLDAP.( with EQUALITY rule) Thats
>
> why
>
>>>>I am searching these kind of stuff in AD.
>>>>
>>>>Thanks.
>>>>M Venkatesan
>>>>
>>>>
>>>>
>>>>
>>>>-----Original Message-----
>>>>>What corresponding entries? Should I guess that you
>
> have
>
>>>>set up some custom DN
>>>>
>>>>
>>>>>attributes on other objects that link to the user's DN
>>>>
>>>>>and those aren't being
>>>>
>>>>
>>>>>cleaned up?
>>>>
>>>>--
>>>>>Joe Richards Microsoft MVP Windows Server Directory
>>>>
>>>>>Services
>>>>
>>>>
>>>>>www.joeware.net
>>>>
>>>>
>>>>>maya_v wrote:
>>>>
>>>>
>>>>>>In Active Directory, when we delete an object, the
>>>>>>corresponding entries in the attribute of any other
>>>>>>objects should be removed. But it is not removed in
>
> AD.
>
>>>>>>Instead it is marked as deleted entry. This affects
>
> our
>
>>>>>>operation.
>>>>>>>While debugging AD, we found a property named
>
> tombstone
>
>>>>>>>lifetime. We configured it as "0". Even after this
>>>>>>>configuration, AD doesn't removes the deleted
>
> attribute
```

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```
>  
>>>>>entries.  
>>>>>  
>>>>>  
>>>>>  
>>>>>.br/>>>>>>  
>>>  
>>>  
>>>  
>>>  
>>.br/>>>
```