

## Re: ADAM proxy authentication + Old password still working after resetPassword

**Source:**

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2004-05/1534.html](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2004-05/1534.html)

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**Date:** 05/26/04

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Try this from LDP. If it works as expected, then the problem is with ADSI connection caching. Make sure you close all connections, though I don't know if you can force close with S.DS. In the worst case, call garbage collection.

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"Seetha" <[seethaj@yahoo.com](mailto:seethaj@yahoo.com)> wrote in message

news:086gdA2QEHA.3596@tk2msftngpl3.phx.gbl...

> I have AD and ADAM setup in a Win 2003 server. Usernames and passwords are  
> maintained at AD and it acts as the authentication source. All the other  
> information about users are stored in ADAM using bind proxies.

>

>

> After I issue ResetPassword command to AD, I am able to authenticate for a  
> while (anywhere between 10 mts to 30 mts) using both the old password and  
> new password through ADAM bind proxy. Am not sure where the old password  
is

> still cached. Here is the code for authenticate() and resetPassword().

>

> public bool authenticate(string username, string password)

> {

> string userDN;

> string userLoginName;

> DirectoryEntry entry;

>

> userDN = "LDAP://" + m\_adamServerName + "/" + "CN=" + username + "," +  
> m\_adamUsersContainerPath;

> userLoginName = "CN=" + username + ", " +

this.m\_adamUsersContainerPath;

> entry = new DirectoryEntry( userDN, userLoginName, password,

> AuthenticationTypes.None);

> try

> {

> // Bind to the native AdsObject to force authentication.

> Object obj = entry.NativeObject;

> }

> catch(System.Exception ex)

```
> {
>     m_log.Error("Error logging in the user " +username, ex);
>     return false;
> }
> return true;
> }
>
>
> public bool ResetPassword(string username, string password)
> {
>
>     // Get the user in Active Directory to reset the password
>     // Note that AuthenticationsTypes is set to Secure and ServerBind
>     // so that SetPassword can go through successfully in a later step.
>     string userDN = "LDAP://" + m_adServer + "/CN=" + username + "," +
> m_adUsersContainerPath;
>     DirectoryEntry user = new DirectoryEntry(userDN,
this.m_adAdminUsername,
> this.m_adAdminPassword,
> AuthenticationTypes.Secure|AuthenticationTypes.ServerBind);
>     try
>     {
>         user.Invoke("SetPassword", new object[] { password } );
>     }
>     catch(System.Exception ex)
>     {
>         m_log.Error("Failed to reset password for " + username,
> ex.InnerException);
>         return false;
>     }
>     return true;
> }
>
>
> Any idea why old password still works? I have made sure that after the
> password is changed all the objects are destroyed before user logs in to
> avoid any ADSI caching...).
>
> Thanks,
> Seetha.
>
>
```