

## Redmine - Defect #4483

### LDAP authentication with Redmine doesn't return an error when credentials used to bind to LDAP are incorrect

2009-12-24 20:45 - Joe Heck

<b>Status:</b>	New	<b>Start date:</b>	2009-12-24
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	LDAP	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	0.8.7
<b>Resolution:</b>			
<b>Description</b>			
<p>When incorrect credentials are used in LDAP authentication with Redmine, the search mechanism will always silently fail because the code in 0.8.7 doesn't check for bind success before searching.</p> <p>I'm using ruby 1.8.5, rails 2.1.2, passenger 2.2.8, redmine 0.8.7, MySQL 5, on RHEL5.</p> <p>I added the debugging line:</p> <pre>logger.debug "Connection #{ldap_con} bind result was #{ldap_con.bind}" if logger &amp;&amp; logger.debug?</pre> <p>to the code at /app/models/auth_source_ldap.rb to identify that the error occurring was incorrect credentials. However, silent failure seems to be a bug, especially since the "test" link on the auth_sources page appeared to work correctly.</p>			

#### History

##### #1 - 2009-12-29 00:04 - Mischa The Evil

- Category set to LDAP

##### #2 - 2010-10-22 10:01 - Yuriy Taraday

I've just ran over the very same problem. I suggest change code of AuthSourceLdap.test\_connection to something like this:

```
def test_connection
  ldap_con = initialize_ldap_con(self.account, self.account_password)
  if not ldap_con.bind
    raise "Failed to bind to LDAP server."
  rescue Net::LDAP::LdapError => text
    raise "LdapError: " + text
  end
end
```

This will make Test button to show error when you provide bad bind credentials, not just write success.

##### #3 - 2014-09-24 13:53 - Alexander Ryabinovskiy

I confirm, Redmine version 2.5.2.

Only after research in WireShark I saw the error:

LDAPMessage bindResponse(1) invalidCredentials (80090308: LdapErr: DSID-0C090334, comment: AcceptSecurityContext error, data 531, vece) which means "not permitted to logon at this workstation".

Redmine always reports "Success".

##### #4 - 2020-11-24 06:18 - Yuichi HARADA

- File SettingLDAP.png added

- File fixed-4483.patch added

Joe Heck wrote:

However, silent failure seems to be a bug, especially since the "test" link on the auth\_sources page appeared to work correctly.

I think the reason the test connection was successful is that you didn't enter your account or password.

SettingLDAP.png

Alternatively, the test connection will succeed even when the Dynamic Bind Account is set for the account.

[RedmineLDAP](#)

I think the following patch will solve it.

```
diff --git a/app/models/auth_source_ldap.rb b/app/models/auth_source_ldap.rb
index 7adb45bc..3642b3b3 100644
--- a/app/models/auth_source_ldap.rb
+++ b/app/models/auth_source_ldap.rb
@@ -71,10 +71,9 @@ class AuthSourceLdap < AuthSource
   with_timeout do
     ldap_con = initialize_ldap_con(self.account, self.account_password)
     ldap_con.open {}
-    if self.account.present? && !self.account.include?("$login") && self.account_password.present?
-      ldap_auth = authenticate_dn(self.account, self.account_password)
-      raise AuthSourceException.new(l(:error_ldap_bind_credentials)) if !ldap_auth
-    end
+    return if self.account.present? && self.account.include?("$login")
+    ldap_auth = authenticate_dn(self.account, self.account_password)
+    raise AuthSourceException.new(l(:error_ldap_bind_credentials)) if !ldap_auth
   end
   rescue *NETWORK_EXCEPTIONS => e
     raise AuthSourceException.new(e.message)
```

## Files

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SettingLDAP.png	95.5 KB	2020-11-24	Yuichi HARADA
fixed-4483.patch	2.65 KB	2020-11-24	Yuichi HARADA