

Redmine - Defect #32470

LDAP authentication is broken due to r18692

2019-11-14 04:07 - Go MAEDA

Status:	Closed	Start date:	
Priority:	Urgent	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	LDAP	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:	Fixed		
Description			
r18692 changed AuthSourceLdap.get_attr method to private, but there are some codes that call AuthSourceLdap.get_attr. As a result, those codes raise NoMethodError and users cannot sign in with LDAP authentication. <pre>\$ fgrep --exclude-dir .svn -rn AuthSourceLdap.get_attr . ./app/models/auth_source_ldap.rb:106: attrs[:login] = AuthSourceLdap.get_attr(entry, self.attr_login) ./app/models/auth_source_ldap.rb:200: :firstname => AuthSourceLdap.get_attr(entry, self.attr_firstname), ./app/models/auth_source_ldap.rb:201: :lastname => AuthSourceLdap.get_attr(entry, self.attr_lastname), ./app/models/auth_source_ldap.rb:202: :mail => AuthSourceLdap.get_attr(entry, self.attr_mail),</pre> Reverting r18692 should fix this issue (I have not yet tested it).			

Associated revisions

Revision 19079 - 2019-11-16 11:31 - Jean-Philippe Lang

Reverts r18692 (#32470).

Revision 19080 - 2019-11-16 11:32 - Jean-Philippe Lang

Merged r19079 to 4.1-stable (#32470).

Revision 19083 - 2019-11-16 13:46 - Toshi MARUYAMA

regenerate .rubocop_todo.yml (#32470)

Revision 19084 - 2019-11-16 13:49 - Toshi MARUYAMA

Merged r19083 from trunk to 4.1-stable (#32470)

regenerate .rubocop_todo.yml.

Revision 19085 - 2019-11-16 14:10 - Toshi MARUYAMA

rubocop: fix Lint/IneffectiveAccessModifier in app/models/auth_source_ldap.rb (#32470)

History

#1 - 2019-11-14 04:16 - Go MAEDA

- Target version set to 4.1.0

#2 - 2019-11-14 08:48 - Yuichi HARADA

Go MAEDA wrote:

[r18692](#) changed AuthSourceLdap.get_attr method to private, but there are some codes that call AuthSourceLdap.get_attr. As a result, those codes raise NoMethodError and users cannot sign in with LDAP authentication.

[...]

I confirmed.

Reverting [r18692](#) should fix this issue (I have not yet tested it).

I think you can revert, but the following patch confirmed that LDAP authentication works.

```
diff --git a/app/models/auth_source_ldap.rb b/app/models/auth_source_ldap.rb
index a1739c00e..546597e5d 100644
--- a/app/models/auth_source_ldap.rb
+++ b/app/models/auth_source_ldap.rb
@@ -103,7 +103,7 @@ class AuthSourceLdap < AuthSource
       :attributes => ['dn', self.attr_login, self.attr_firstname, self.attr_lastname, self.attr
_mail],
       :size => 10) do |entry|
         attrs = get_user_attributes_from_ldap_entry(entry)
-         attrs[:login] = AuthSourceLdap.get_attr(entry, self.attr_login)
+         attrs[:login] = get_attr(entry, self.attr_login)
         results << attrs
       end
       results
@@ -197,9 +197,9 @@ class AuthSourceLdap < AuthSource
   def get_user_attributes_from_ldap_entry(entry)
     {
       :dn => entry.dn,
-       :firstname => AuthSourceLdap.get_attr(entry, self.attr_firstname),
-       :lastname => AuthSourceLdap.get_attr(entry, self.attr_lastname),
-       :mail => AuthSourceLdap.get_attr(entry, self.attr_mail),
+       :firstname => get_attr(entry, self.attr_firstname),
+       :lastname => get_attr(entry, self.attr_lastname),
+       :mail => get_attr(entry, self.attr_mail),
       :auth_source_id => self.id
     }
   end
@@ -244,11 +244,10 @@ class AuthSourceLdap < AuthSource
     attrs
   end

-   def self.get_attr(entry, attr_name)
+   def get_attr(entry, attr_name)
     if !attr_name.blank?
       value = entry[attr_name].is_a?(Array) ? entry[attr_name].first : entry[attr_name]
       value.to_s.force_encoding('UTF-8')
     end
   end
-   private_class_method :get_attr
end
```

#3 - 2019-11-14 09:47 - Yuichi HARADA

Yuichi HARADA wrote:

Reverting [r18692](#) should fix this issue (I have not yet tested it).

I think you can revert, but the following patch confirmed that LDAP authentication works.

[...]

The following is the test execution result.

-- Before: trunk([r19072](#)) --

```
$ RAILS_ENV=test bundle exec rake test TEST=test/unit/auth_source_ldap_test.rb
Run options: --seed 11589
```

```
# Running:
```

```
..E
```

Error:

```
AuthSourceLdapTest#test_search_should_return_matching_entries:
NoMethodError: private method `get_attr' called for #<Class:0x00007fe216323390>
  app/models/auth_source_ldap.rb:200:in `get_user_attributes_from_ldap_entry'
  app/models/auth_source_ldap.rb:105:in `block in search'
```

```
app/models/auth_source_ldap.rb:101:in `search'
app/models/auth_source.rb:80:in `block in search'
app/models/auth_source.rb:77:in `search'
test/unit/auth_source_ldap_test.rb:177:in `test_search_should_return_matching_entries'
```

```
bin/rails test test/unit/auth_source_ldap_test.rb:176
```

.E

Error:

AuthSourceLdapTest#test_#authenticate_with_a_valid_LDAP_user_should_return_the_user_attributes:

NoMethodError: private method `get_attr' called for #<Class:0x00007fe216323390>

```
app/models/auth_source_ldap.rb:200:in `get_user_attributes_from_ldap_entry'
app/models/auth_source_ldap.rb:238:in `block in get_user_dn'
app/models/auth_source_ldap.rb:234:in `get_user_dn'
app/models/auth_source_ldap.rb:59:in `block in authenticate'
app/models/auth_source_ldap.rb:145:in `block in with_timeout'
app/models/auth_source_ldap.rb:144:in `with_timeout'
app/models/auth_source_ldap.rb:58:in `authenticate'
test/unit/auth_source_ldap_test.rb:126:in `block in <class:AuthSourceLdapTest>'
```

```
bin/rails test test/unit/auth_source_ldap_test.rb:122
```

```
..Deprecation warning: Net::LDAP::ConnectionRefused will be deprecated. Use Errno::ECONNREFUSED instead.
Deprecation warning: Net::LDAP::ConnectionRefused will be deprecated. Use Errno::ECONNREFUSED instead.
.....
```

```
Finished in 2.005034s, 11.9699 runs/s, 29.9247 assertions/s.
24 runs, 60 assertions, 0 failures, 2 errors, 0 skips
```

-- After: Apply [#32470-2](#) patch --

```
$ RAILS_ENV=test bundle exec rake test TEST=test/unit/auth_source_ldap_test.rb
Run options: --seed 19832
```

Running:

```
.....Deprecation warning: Net::LDAP::ConnectionRefused will be deprecated. Use Errno::ECONNREFUSED instead.
Deprecation warning: Net::LDAP::ConnectionRefused will be deprecated. Use Errno::ECONNREFUSED instead.
.....
```

```
Finished in 2.031780s, 11.8123 runs/s, 37.4056 assertions/s.
24 runs, 76 assertions, 0 failures, 0 errors, 0 skips
```

#4 - 2019-11-14 10:05 - Go MAEDA

I think `get_attr` is not necessary to be a private class method, so the patch in [#32470#note-2](#) looks a nice solution.

#5 - 2019-11-16 11:33 - Jean-Philippe Lang

- Status changed from New to Closed
- Assignee set to Jean-Philippe Lang
- Resolution set to Fixed

I don't know what [r18692](#) tried to fix, I reverted it instead of changing class methods to instance methods just before 4.1.

#6 - 2019-11-16 11:33 - Jean-Philippe Lang

- Target version deleted (4.1.0)