

## Redmine - Patch #34071

### handle AuthSourceExceptions in User.try\_to\_login

2020-10-06 09:51 - Jens Krämer

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Accounts / authentication	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.2.0		
<b>Description</b>			
<p>this patch changes User.try_to_login to catch and log AuthSourceExceptions, and introduces User.try_to_login! which replicates the original behaviour. Before that change, any places outside of AccountController (which already handles the exceptions) that were using User.try_to_login threw an error i.e. in case of an unreachable LDAP server, instead of just treating the user as unauthenticated.</p>			
<b>Related issues:</b>			
Blocked by Redmine - Patch # 34339: Update net-ldap to 0.17			<b>Closed</b>

#### Associated revisions

##### Revision 20547 - 2020-12-02 14:56 - Go MAEDA

Changes User.try\_to\_login to catch and log AuthSourceExceptions, and introduces User.try\_to\_login! replicating the original behavior (#34071).

Patch by Jens Krämer.

##### Revision 20548 - 2020-12-02 15:07 - Go MAEDA

RuboCop: Fix Layout/SpaceInsideBlockBraces due to r20547 (#34071).

#### History

##### #1 - 2020-10-20 02:14 - Go MAEDA

- Category set to Accounts / authentication
- Target version set to Candidate for next major release

##### #2 - 2020-10-23 10:39 - Go MAEDA

The patch also fixes an issue that Redmine might return 500 error and HTML body against an API request.

```
$ curl -v --user dlopper:foo http://localhost:3000/issues/1.json
* Trying ::1...
* TCP_NODELAY set
* Connected to localhost (::1) port 3000 (#0)
* Server auth using Basic with user 'dlopper'
> GET /issues/1.json HTTP/1.1
> Host: localhost:3000
> Authorization: Basic ZGxvcHBlcjpmY28=
> User-Agent: curl/7.64.1
> Accept: */*
>
< HTTP/1.1 500 Internal Server Error
```

```
< Content-Type: text/html; charset=utf-8
< X-Request-Id: 96e3f1a3-256f-4b0e-a570-b60a8a767ba6
< X-Runtime: 0.205900
< Content-Length: 93450
<
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8" />
<title>Action Controller: Exception caught</title>
<style>
  body {
    background-color: #FAFAFA;
  }
  .
  .
  .
```

### #3 - 2020-10-24 03:41 - Go MAEDA

- Target version changed from Candidate for next major release to 4.2.0

Setting the target version to 4.2.0.

### #4 - 2020-10-28 00:42 - Go MAEDA

After applying the patch, deprecation warnings are displayed during a test.

```
$ ruby test/unit/user_test.rb
Deprecation warning: Net::LDAP::ConnectionRefused will be deprecated. Use Errno::ECONNREFUSED instead.
Skipping LDAP tests.
Run options: --seed 11608

# 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.
.....Deprecation warning: Net::LDAP::ConnectionRefused will be deprecated. Use Errno::ECONNREFUSED
instead.
Deprecation warning: Net::LDAP::ConnectionRefused will be deprecated. Use Errno::ECONNREFUSED instead.
.....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 9.026865s, 15.0661 runs/s, 34.6743 assertions/s.
136 runs, 313 assertions, 0 failures, 0 errors, 0 skips
```

### #5 - 2020-11-12 03:16 - Go MAEDA

The deprecation warning is displayed after executing source:branches/4.1-stable/app/models/auth\_source\_ldap.rb#L101.

```
ldap_con.search(:base => self.base_dn,
               :filter => search_filter,
               :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)
  results << attrs
end
```

```
[1] pry(main)> AuthSourceLdap.first.authenticate('admin', 'admin')
AuthSourceLdap Load (0.2ms) SELECT "auth_sources".* FROM "auth_sources" WHERE "auth_sources"."type" IN ('AuthSourceLdap')
ORDER BY "auth_sources"."id" ASC LIMIT ? [["LIMIT", 1]]
Deprecation warning: Net::LDAP::ConnectionRefused will be deprecated. Use Errno::ECONNREFUSED instead.
Deprecation warning: Net::LDAP::ConnectionRefused will be deprecated. Use Errno::ECONNREFUSED instead.
AuthSourceException: Connection refused - connect(2) for 0.0.0.0:389
from /path/to/redmine/app/models/auth_source_ldap.rb:66:in `rescue in authenticate'
Caused by Net::LDAP::ConnectionRefusedError: Connection refused - connect(2) for 0.0.0.0:389
from /path/to/gems/ruby/2.7.0/gems/net-ldap-0.16.3/lib/net/ldap/connection.rb:72:in `open_connection'
```

#### #6 - 2020-11-12 07:50 - Go MAEDA

- Target version changed from 4.2.0 to Candidate for next major release

I have confirmed that using the master branch of net-ldap fixes the deprecation warning. Probably it will be fixed in the feature version of net-ldap.

I will await new releases of net-ldap.

```
diff --git a/Gemfile b/Gemfile
index c6edcf370..193dfb0a8 100644
--- a/Gemfile
+++ b/Gemfile
@@ -28,7 +28,7 @@ gem 'rqrcode'

# Optional gem for LDAP authentication
group :ldap do
- gem "net-ldap", "~> 0.16.0"
+ gem "net-ldap", git: 'https://github.com/ruby-ldap/ruby-net-ldap'
end

# Optional gem for OpenID authentication
```

#### #7 - 2020-11-30 05:37 - Go MAEDA

- Blocked by Patch #34339: Update net-ldap to 0.17 added

#### #8 - 2020-11-30 15:02 - Go MAEDA

- Target version changed from Candidate for next major release to 4.2.0

The deprecation warning was fixed by updating net-ldap to 0.17.0.

Setting the target version to 4.2.0.

**#9 - 2020-12-02 14:56 - Go MAEDA**

- *Status changed from New to Closed*
- *Assignee set to Go MAEDA*

Committed the patch. Thank you for your contribution.

**Files**

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0001-changes-User.try_to_login-to-catch-and-log-AuthSourc.patch	3.62 KB	2020-10-06	Jens Krämer
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