Redmine - Patch #34071
handle AuthSourceExceptions in User.try_to_login
2020-10-06 09:51 - Jens Krämer

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
<th>Start date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Due date:</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Go MAEDA</td>
<td>% Done:</td>
</tr>
<tr>
<td>Category:</td>
<td>Accounts / authentication</td>
<td>Estimated time:</td>
</tr>
<tr>
<td>Target version:</td>
<td>4.2.0</td>
<td>0.00 hour</td>
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</tbody>
</table>

Description

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.

Related issues:

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

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 ZGxvcHBlcjpmb28=
> User-Agent: curl/7.64.1
> Accept: */*
>
< HTTP/1.1 500 Internal Server Error
```
#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: Nets::LDAP::ConnectionRefused will be deprecated. Use Errno::ECONNREFUSED instead.
Skipping LDAP tests.
Run options: --seed 11608

# Running:

..........................Deprecation warning: Nets::LDAP::ConnectionRefused will be deprecated. Use Errno::ECONNREFUSED instead.
Deprecation warning: Nets::LDAP::ConnectionRefused will be deprecated. Use Errno::ECONNREFUSED instead.
****************************Deprecation warning: Nets::LDAP::ConnectionRefused will be deprecated. Use Errno::ECONNREFUSED instead.
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Deprecation warning: Nets::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

```ruby
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.
```

```
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.
```

```
#6 - 2020-11-12 07:50 - Go MAEDA
- Target version changed from 4.2.0 to Candidate for next major release
```

```
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
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
```

```
# Optional gem for LDAP 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
```

```bash
# 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
```

```
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```
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

<table>
<thead>
<tr>
<th>File Name</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
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<tbody>
<tr>
<td>0001-changes-User.try_to_login-to-catch-and-log-AuthSourc.patch</td>
<td>3.62 KB</td>
<td>2020-10-06</td>
<td>Jens Krämer</td>
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