

Foreman - Bug #29179

LDAPS Connect Fails

02/26/2020 08:14 AM - Michael Köttenstorfer

Status:	New	
Priority:	Normal	
Assignee:		
Category:		
Target version:		
Difficulty:		Fixed in Releases:
Triaged:	No	Found in Releases: 1.24.1
Bugzilla link:		Red Hat JIRA:
Pull request:		

Description

Try to Connect to ldaps (Microsoft AD) fails on Debian 10 , Foreman 1.24. The Enterprise PKI CA Certificate is succsessfull importet.

```
root@XXXXXXXX:/usr/local/share/ca-certificates# openssl s_client connect XXXXXXXX:3269
```

```
CONNECTED  
write:errno=104
```

```
--  
no peer certificate available
```

```
---  
No client certificate CA names sent
```

```
---  
SSL handshake has read 0 bytes and written 311 bytes
```

Here the return from WUI

Foreman::LdapException

ERF77-8135 [Foreman::LdapException]: Error while connecting to 'MLR' LDAP server at 'mlrsd01.mlr.bwl.net' during authentication ([Net::LDAP::Error]: Connection reset by peer - SSL_connect)

/usr/share/foreman/app/models/auth_sources/auth_source_ldap.rb:80:in `rescue in authenticate'

/usr/share/foreman/app/models/auth_sources/auth_source_ldap.rb:56:in `authenticate'

/usr/share/foreman/app/models/user.rb:242:in `try_to_login'

/usr/share/foreman/app/controllers/users_controller.rb:114:in `login'

/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_controller/metal/basic_implicit_render.rb:6:in `send_action'

/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/abstract_controller/base.rb:194:in `process_action'

/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_controller/metal/rendering.rb:30:in `process_action'

/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/abstract_controller/callbacks.rb:42:in `block in process_action'

/usr/share/foreman/vendor/ruby/2.5.0/gems/activerecord-5.2.1/lib/active_support/callbacks.rb:109:in `block in run_callbacks'

/usr/share/foreman/app/controllers/concerns/foreman/controller/timezone.rb:10:in `set_timezone'

/usr/share/foreman/vendor/ruby/2.5.0/gems/activerecord-5.2.1/lib/active_support/callbacks.rb:118:in `block in run_callbacks'

/usr/share/foreman/app/models/concerns/foreman/thread_session.rb:32:in `clear_thread'

/usr/share/foreman/vendor/ruby/2.5.0/gems/activerecord-5.2.1/lib/active_support/callbacks.rb:118:in `block in run_callbacks'

/usr/share/foreman/app/controllers/concerns/foreman/controller/topbar_sweeper.rb:12:in `set_topbar_sweeper_controller'

/usr/share/foreman/vendor/ruby/2.5.0/gems/activerecord-5.2.1/lib/active_support/callbacks.rb:118:in `block in run_callbacks'

/usr/share/foreman/vendor/ruby/2.5.0/gems/audited-4.9.0/lib/audited/sweeper.rb:14:in `around'

/usr/share/foreman/vendor/ruby/2.5.0/gems/activerecord-5.2.1/lib/active_support/callbacks.rb:118:in `block in run_callbacks'

/usr/share/foreman/vendor/ruby/2.5.0/gems/audited-4.9.0/lib/audited/sweeper.rb:14:in `around'

/usr/share/foreman/vendor/ruby/2.5.0/gems/activerecord-5.2.1/lib/active_support/callbacks.rb:118:in `block in run_callbacks'

/usr/share/foreman/vendor/ruby/2.5.0/gems/activerecord-5.2.1/lib/active_support/callbacks.rb:136:in `run_callbacks'

/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/abstract_controller/callbacks.rb:41:in `process_action'

/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_controller/metal/rescue.rb:22:in `process_action'

/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_controller/metal/instrumentation.rb:34:in `block in process_action'

/usr/share/foreman/vendor/ruby/2.5.0/gems/activerecord-5.2.1/lib/active_support/notifications.rb:168:in `block in instrument'

/usr/share/foreman/vendor/ruby/2.5.0/gems/activerecord-5.2.1/lib/active_support/notifications/instrumenter.rb:23:in `instrument'

/usr/share/foreman/vendor/ruby/2.5.0/gems/activerecord-5.2.1/lib/active_support/notifications.rb:168:in `instrument'

/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_controller/metal/instrumentation.rb:32:in `process_action'

/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_controller/metal/params_wrapper.rb:256:in `process_action'

/usr/share/foreman/vendor/ruby/2.5.0/gems/activerecord-5.2.1/lib/active_record/railties/controller_runtime.rb:24:in `process_action'

```
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/abstract_controller/base.rb:134:in `process'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionview-5.2.1/lib/action_view/rendering.rb:32:in `process'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_controller/metal.rb:191:in `dispatch'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_controller/metal.rb:252:in `dispatch'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/routing/route_set.rb:52:in `dispatch'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/routing/route_set.rb:34:in `serve'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/journey/router.rb:52:in `block in serve'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/journey/router.rb:35:in `each'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/journey/router.rb:35:in `serve'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/routing/route_set.rb:840:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/apiie-rails-0.5.17/lib/apiie/static_dispatcher.rb:66:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/apiie-rails-0.5.17/lib/apiie/extractor/recorder.rb:137:in `call'
/usr/share/foreman/lib/foreman/middleware/telemetry.rb:10:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/apiie-rails-0.5.17/lib/apiie/middleware/checksum_in_headers.rb:27:in `call'
/usr/share/foreman/lib/foreman/middleware/catch_json_parse_errors.rb:9:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.1.1/lib/rack/tempfile_reaper.rb:17:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.1.1/lib/rack/etag.rb:27:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.1.1/lib/rack/conditional_get.rb:40:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.1.1/lib/rack/head.rb:14:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/http/content_security_policy.rb:18:in `call'
/usr/share/foreman/lib/foreman/middleware/logging_context_session.rb:22:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.1.1/lib/rack/session/abstract/id.rb:277:in `context'
/usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.1.1/lib/rack/session/abstract/id.rb:271:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/middleware/cookies.rb:670:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/middleware/callbacks.rb:28:in `block in call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/activesupport-5.2.1/lib/active_support/callbacks.rb:98:in `run_callbacks'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/middleware/callbacks.rb:26:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/middleware/debug_exceptions.rb:61:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/middleware/show_exceptions.rb:33:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/railties-5.2.1/lib/rails/rack/logger.rb:38:in `call_app'
/usr/share/foreman/vendor/ruby/2.5.0/gems/railties-5.2.1/lib/rails/rack/logger.rb:28:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/sprockets-rails-3.2.1/lib/sprockets/rails/quiet_assets.rb:13:in `call'
/usr/share/foreman/lib/foreman/middleware/logging_context_request.rb:11:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/middleware/remote_ip.rb:81:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/middleware/request_id.rb:27:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.1.1/lib/rack/method_override.rb:24:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.1.1/lib/rack/runtime.rb:24:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/activesupport-5.2.1/lib/active_support/cache/strategy/local_cache_middleware.rb:29:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/middleware/executor.rb:14:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-5.2.1/lib/action_dispatch/middleware/static.rb:127:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.1.1/lib/rack/sendfile.rb:113:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/secure_headers-6.2.0/lib/secure_headers/middleware.rb:11:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/railties-5.2.1/lib/rails/engine.rb:524:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/railties-5.2.1/lib/rails/railtie.rb:190:in `public_send'
/usr/share/foreman/vendor/ruby/2.5.0/gems/railties-5.2.1/lib/rails/railtie.rb:190:in `method_missing'
/usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.1.1/lib/rack/urlmap.rb:77:in `block in call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.1.1/lib/rack/urlmap.rb:61:in `each'
/usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.1.1/lib/rack/urlmap.rb:61:in `call'
/usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.1.1/lib/rack/handler/webrick.rb:88:in `service'
/usr/lib/ruby/2.5.0/webrick/httpserver.rb:140:in `service'
/usr/lib/ruby/2.5.0/webrick/httpserver.rb:96:in `run'
/usr/lib/ruby/2.5.0/webrick/server.rb:307:in `block in start_thread'
/usr/share/foreman/vendor/ruby/2.5.0/gems/logging-2.2.2/lib/logging/diagnostic_context.rb:474:in `block in create_with_logging_context'
Verification: OK
---
New, (NONE), Cipher is (NONE)
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
Early data was not sent
Verify return code: 0 (ok)
```

History

#1 - 02/26/2020 08:23 AM - Michael Köttner

- Found in Releases 1.24.1 added

#2 - 02/27/2020 02:35 PM - Lukas Zapletal

Your server likely require client SSL certificate. This is not supported. This needs to be added to https://github.com/theforeman/ldap_fluff library first and then into Foreman.

#3 - 03/18/2020 11:40 AM - Michael Köttner

Thank You for the reply, we are moving to OAuth2 or OpenID Connect with Keycloak corse our AD Admins plan to disable the non SSL AD Ports. Current Microsoft AD Servers disable this per default, so step is necessary.

#4 - 03/18/2020 11:53 AM - Michael Köttner

Michael Köttner wrote:

Thank You for the reply, we are moving to OAuth2 or OpenID Connect with Keycloak corse our AD Admins plan to disable the non SSL AD Ports. Current Microsoft AD Servers disable this per default, so this step is necessary.